CATÁLOGO 2023

Nº13

LUSAN

fijaciones y anclajes

RELY ON OUR EXPERIENCE

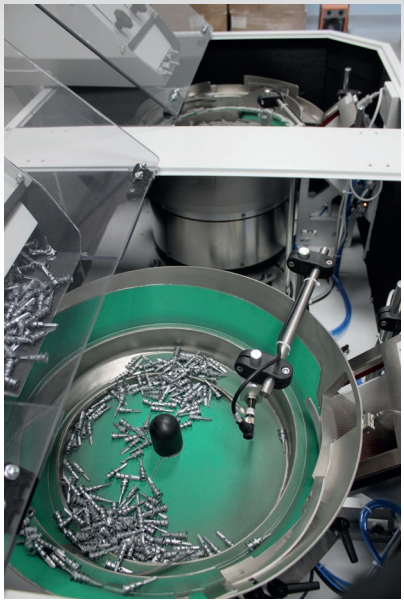
LUSAN
fijaciones y anclajes

CATÁLOGO 2023
Nº13

BLISTERS Y AUTOSERVICIO LUSAN

NUESTRO EQUIPO COMERCIAL LE AYUDARÁ A ELEGIR

LA SOLUCIÓN QUE MEJOR SE ADAPTA A SU NEGOCIO



FIJACIONES METÁLICAS / *METAL ANCHORS / FIXATIONS MÉTALLIQUES / METALLFIXIERUNGEN*

	ZN	**FIXBOLT TORNILLO 8.8 - CE OP. 12** *SLEEVE ANCHOR WITH HEX. HEAD SCREW 8.8 GRADE - CE OP.12 / CHEVILLE À DOUILLE AVEC VIS TÊTE HEXAGONALE CLASSE 8.8 - CE OP.12* *HÜLSENANKER MIT SECHSKANTSCHRAUBE KLASSE 8.8 - CE OP.12*	22
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FIJACIONES METÁLICAS / *METAL ANCHORS / FIXATIONS MÉTALLIQUES / METALLFIXIERUNGEN*

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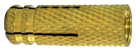
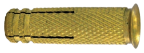
	LA	**TACO DE LATÓN** *KNURLED BRASS ANCHOR / CHEVILLE EN LAITON MOLETÉ / GËRANDELTER DÜBEL AUS MESSING*	3/8
	LA	**TACO DE LATÓN CON COLLARÍN** *KNURLED BRASS ANCHOR WITH COLLARD / CHEVILLE EN LAITON MOLETÉ AVEC COLLERETTE / GËRANDELTER DÜBEL AUS MESSING MIT SAUM*	38
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	ZA	**ZAMAK GANCHO** *SLEEVE ANCHOR ZAMAK WITH FIXED CONE AND HOOK / CHEVILLE À DOUILLE ZAMAK AVEC CÔNE FIXE ET CROCHET* *HÜLSENANKER MIT FESTEM KONUS UND RUNDHAKEN*	45

FIJACIONES METÁLICAS / *METAL ANCHORS / FIXATIONS MÉTALLIQUES / METALLFIXIERUNGEN*

ZA

ZAMAK CÁPSULA
SLEEVE ANCHOR ZAMAK WITH FIXED CONE / CHEVILLE À DOUILLE ZAMAK AVEC CÔNE FIXE / HÜLSENANKER MIT FESTEM KONUS — 45

ZN

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FIJACIONES QUÍMICAS / *CHEMICAL ANCHORS / FIXATIONS CHIMIQUES / CHEMISCHE VERANKERUNGEN*

ETA

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POLYESTER RESIN ANCHOR / CHEVILLE RÉSINE POLYESTER / POLIESTERHARZ-ANKER — 47

ETA

ANCLAJE RESINA EPOXYACRILATO - CE OP.7
EPOXYACRYLATE RESIN ANCHOR / CHEVILLE RÉSINE EPOXYACRYLATE / EPOXIDHARZ-ANKER — 47

ETA

ANCLAJE RESINA POLIESTER SIN ESTIRENO - CE OP.7
FREE STYRENE POLYESTER RESIN ANCHOR / CHEVILLE RÉSINE POLYESTER SANS STYRÈNE / POLIESTERHARZ-ANKER STYROLFREI — 47

ETA

ANCLAJE RESINA VINILESTER SIN ESTIRENO PLUS - CE OP.1
FREE STYRENE VINYLESTER PLUS RESIN ANCHOR / CHEVILLE RÉSINE VINILESTER PLUS SANS STYRÈNE / VINILESTERPLUSHARZ-ANKER STYROLFREI — 48

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HAND GUNS FOR SILICONE AND RESIN / PISTOLETS POUR SILICONE ET RÉSINE / HANDPISTOLE FÜR SILIKON UND HARZ — 49

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TRAILBOX RESIN CASE / MALETTE ET RÉSINE TRAILBOX / TRAILBOX CASE FÜR HARZ — 50

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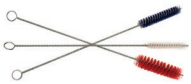
BOQUILLA PARA RESINA
STATIC MIXER FOR CHEMICAL CARTRIDGES / CANULE MÉLANGEUSE POUR RÉSINE / STATISCHE MISCHER FÜR HARZ — 50



CEPILLO LIMPIADOR
BRUSH / BROSSE / KLEIDERBÜRSTE — 51

BOMBA DE SOPLADO
BLOWER PUMP / POMPE SOUFFLANTE / AUSBLASPUMPE — 51

ZN

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NY

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NYLON PERFORATED SLEEVES FOR CHEMICAL ANCHOR / PASSOIRES POUR ANCRAGE CHIMIQUE / SIEBHÜLSE FÜR CHEMISCHE VERANKERUNG — 52

ZN

VARILLA, TUERCA Y ARANDELA PARA RESINA
ROD, NUT & WASHER FOR CHEMICAL ANCHOR / TIGE FILETÉE, ÉCROU ET RONDELLE POUR ANCRAGE CHIMIQUE
GEWINDESTANGE MIT SECHSKANTMUTTER UND SCHEIBE FÜR CHEMISCHE VERANKERUNG — 52

ETA

CÁPSULA QUÍMICA ROTACIÓN SQR
SPIN IN CHEMICAL ANCHOR CAPSULE / SCELLEMENT CHIMIQUE PAR AMPOULE DE ROTATION / VERBUNDANKER — 53

ZN A4

ESPÁRRAGO QUÍMICO ROTACIÓN SER CINCADO - INOXIDABLE A-4
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ZN

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FIJACIONES QUÍMICAS / *CHEMICAL ANCHORS / FIXATIONS CHIMIQUES / CHEMISCHE VERANKERUNGEN*

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A2 — **CONJUNTO DE GRAPA INOXIDABLE A2 PARA FACHADA**
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NY — **TACO NYLON PARA ARO ANDAMIO**
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A2 EPDM — **CONJUNTO ESPÁRRAGO SOLAR INOXIDABLE A2**
SOLAR STUD SET / ASSEMBLAGE DU GOUJON SOLAIRE / SOLARBOLZENMONTAGE — 58

A2 EPDM — **CONJUNTO ESPÁRRAGO SOLAR AUTORROSCANTE INOXIDABLE A2**
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EPDM — **ARANDELA ESPECIAL EDPM**
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FIJACIONES DE NYLON / *NYLON FIXINGS / FIXATIONS DE NYLON / NYLONFIXIERUNGEN*

NY — **BRIDAS DE NYLON POLYAMIDA 6.6**
NYLON CABLE TIES / COLLIERS DE SERRAGE EN NYLON / KABELBINDER AUS NYLON — 60-61

NY — **BRIDAS DE NYLON RECUPERABLES EN BLANCO Y NEGRO**
NYLON RECOVERABLE CABLE TIES / COLLIERS RÉCUPÉRABLES EN NYLON / LÖSBARE KABELBINDER AUS NYLON — 61

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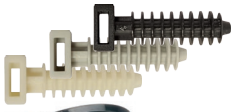
POLYPROPYLENE TAMPER EVIDENT SEALS / SCELLÉS DE SÉCURITÉ EN POLYPROPILÈNE / SICHERUNGSPLOMBE AUS POLYPROPILEN — 62



NY — **TACO FIJACIÓN PARA BRIDAS DE NYLON**
NYLON CABLE TIES WALL PLUG / TAQUET POUR COLLIER EN NYLON / NYLONDÜBEL FÜR KABELBINDER — 63

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FIJACIONES DE NYLON / *NYLON FIXINGS / FIXATIONS DE NYLON / NYLONFIXIERUNGEN*

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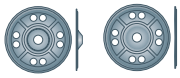
NY		**ABRAZADERA DE NYLON UNIVERSAL** *UNIVERSAL NYLON PIPE FLANGE / COLLIERS DE TUBE UNIVERSEL EN NYLON / UNIVERSAL ROHRFLANSCH AUS NYLON*	64
NY		**ABRAZADERA DE NYLON "LUXRING"** *PIPES NYLON WALL PLUG / TAQUET POUR TUBES EN NYLON / NYLONDÜBEL FÜR ROHRE*	65
NY		**TACO DE NYLON** *NYLON PLUG / CHEVILLE NYLON / NYLONDÜBEL*	66
NY		**TACO DE NYLON CON COLLARÍN** *NYLON PLUG WITH COLLARD / CHEVILLE NYLON AVEC COLLERETE / NYLONDÜBEL MIT SAUM*	66
NY		**TACO DE NYLON GTX** *GTX NYLON PLUG / CHEVILLE NYLON GTX / NYLONDÜBEL GTX*	67
NY		**TACO DE NYLON UNIVERSAL** *UNIVERSAL NYLON PLUG / CHEVILLE NYLON UNIVERSELLE / NYLONDÜBEL UNIVERSAL*	67
NY		**TACO DE NYLON VZ** *VZ NYLON PLUG / CHEVILLE NYLON VZ / NYLONDÜBEL VZ*	68
NY		**TACO DE NYLON NUDO VS** *VS MULTI-PURPOSE NYLON PLUG / CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS / UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS*	69
NY	ZN A4	**TACO DE NYLON VS NUDO + TORNILLO CÓNICO TX CINCADO - INOXIDABLE A-4** *VS MULTI-PURPOSE NYLON ANCHOR WITH COUNTERSUNK TX SCREW ZINC PLATED - SS. AISI 316 / CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS TX EN ACIER ZINGUÉ - INOX. A-4 / UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS MIT SENKKOPF-HOLZSCHRAUBE VERZINKT - EDELSTAHL A-4*	70/72
NY	ZN A4	**TACO DE NYLON VS NUDO + TORNILLO HEXAGONAL TX CINCADO - INOXIDABLE A-4** *VS MULTI-PURPOSE NYLON ANCHOR WITH HEXAGONAL TX SCREW ZINC PLATED - SS. AISI 316 / CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS TX EN ACIER ZINGUÉ - INOX. A-4 / UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS MIT SPECIAL-HOLZSCHRAUBE VERZINKT - EDELSTAHL A-4*	71/73
NY	ZN	**TACO DE NYLON VS NUDO + TORNILLO INVIOLABLE TX CINCADO** *VS MULTI-PURPOSE NYLON ANCHOR WITH SECURITY TX SCREW ZINC PLATED / CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS INVIOLABLE TX EN ACIER ZINGUÉ / UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS MIT SICHERHEITSSCHRAUBE VERZINKT*	74
NY	ZN A4	**TACO DE NYLON VS NUDO + TORNILLO DOBLE ROSCA CINCADO - INOXIDABLE A-4** *VS MULTI-PURPOSE NYLON ANCHOR WITH DUAL THREAD SCREW ZINC PLATED - SS. AISI 316 / CHEVILLE UNIVERSELLE EN NYLON VS AVEC VIS DOUBLE FILETAGE EN ACIER ZINGUÉ - INOX. A-4 / UNIVERSAL-LANGSCHAFTDÜBEL VS MIT INNENSECHSKANTSCHRAUBE MIT DOPPELTEN GEWINDEC*	74
NY		**TACO DE NYLON TRIPLE EXPANSIÓN** *EXTENDED NYLON ANCHOR WITH SIX WINGS / CHEVILLE NYLON AVEC SIX AILETTES / NYLON-LANGSCHAFTDÜBELMIT SECHS FLÜGEL*	75
NY	ZN	**TACO DE NYLON TRIPLE EXPANSIÓN + TORNILLO DIN 571 CINCADO** *EXT. NYLON ANCHOR WITH SIX WINGS AND HEX. WOOD SCREW DIN 571 / CHEVILLE NYLON AVEC SIX AILETTES ET VIS À BOIS TÊTE HEX. DIN 571 NYLON-LANGSCHAFTDÜBEL MIT SECHS FLÜGEL UND DIN 571*	75
NY	ZN A2	**TACO CLAVO CABEZA CÓNICA CINCADO - INOXIDABLE A-2** *NYLON FAST ANCHOR WITH COUNTERSUNK COLLAR ZINC PLATED - SS. AISI 304 / CHEVILLE PRÉMONTE À FRAPPER EN ACIER ZINGUÉ - INOX. A-2 NYLONDÜBEL MIT SENKSAUM, MIT VERZINKTER SENKKOPF-NAGELSCHRAUBE ACIER ZINGUÉ - INOX. A-2*	76
NY	ZN A2	**TACO CLAVO CABEZA PLANA** *NYLON FAST ANCHOR WITH FLAT COLLAR / CHEVILLE PRÉMONTE CYLINDRIQUE À FRAPPER NYLONDÜBEL MIT ZYLINDERSAUM, MIT VERZINKTER SENKKOPF-NAGELSCHRAUBE*	77
NY	ZN	**TACO CLAVO ABRAZADERA** *NYLON FAST ANCHOR WITH DOUBLE THREAD / CHEVILLE PRÉMONTE AVEC VIS POUR COLLIER ET CRAMPON NYLONDÜBEL MIT ZYLINDERSAUM, MIT VERZINKTER DOPPELGEWINDESCHRAUBE*	77
NY		**TACO DE NYLON FN** *NYLON ANCHOR WITH STEEL CONICAL EXPANSION NUT / CHEVILLE NYLON AVEC ÉCROU EN LAITON À EXPANSION NYLONDÜBEL MIT SPREIZ-SCHRAUBEN MUTTER AUS MESSING*	78
NY	ZN	**TACO DE NYLON FN + TORNILLO DIN 933 CINCADO** *NYLON ANCHOR WITH STEEL CONICAL EXPANSION NUT AND HEX. SCREW DIN 933 / CHEVILLE NYLON AVEC ÉCROU EN LAITON À EXPANSION ET VIS TÊTE HEX. DIN 933 / NYLONDÜBEL MIT SPREIZ-SCHRAUBEN MUTTER AUS MESSING UND DIN 933*	78
ZN		**TACO RASTREL** *EXPRESS NAIL FOR LIGHT FASTENINGS / CHEVILLE ÉLASTIQUE POUR FIXATION DE LITEAUX / ELASTIC SPRUNGGELENK FÜR SCHELLEN UND LEICHT FIXIEREN*	78

FIJACIONES DE NYLON / *NYLON FIXINGS / FIXATIONS DE NYLON / NYLONFIXIERUNGEN*

	NY ZA	**TACO AUTOPERFORANTE PARA CARTÓN-YESO / NYLON Y ZAMAK** *SELF DRILLING ANCHOR FOR PLASTERBOARD / CHEVILLE AUTOPERCEUSE POUR PLAQUES DE PLÂTRE / SELBSTBOHRENDEN-DÜBEL FÜR GIPSKARTON*	79
	NY	**TACO DE NYLON CON ALAS PARA CARTÓN-YESO** *WINGS ANCHOR FOR PLASTERBOARD / CHEVILLE AVEC AILETTES POUR PLAQUES DE PLÂTRE / DÜBEL FÜR GIPSKARTON MIT ZWEI FLÜGEL*	79
	LDPE	**TACO DE PLÁSTICO BLANCO** *WHITE WINGS PLASTIC PLUG / CHEVILLE PLASTIQUE BLANC / KUNSTSTOFF-DÜBEL WEISS*	80
	ZN	**BASCULANTES** *GRAVITY TOGGLES / CHEVILLE BASCULENTE / KIPPDÜBEL*	80
		FIJACIONES PARA WC *WC FIXATIONS / FIXATIONS POUR WC / BEFESTIGUNGEN FÜR WC*	80
	PP	**ESPIGA PARA PANEL AISLANTE EPA** *EPA ANCHOR FOR INSULATING PANELS FIXING IN CONCRETE / CHEVILLE POUR PANNEAUX D'ISOLATION SUR BÉTON EPA* *DÜBEL FÜR BEFESTIGUNG VON ISOLIERPLATTE AUF BETON EPA*	81
	HDPE ETA	**ESPIGA PARA PANEL AISLANTE EPAM** *EPAM ANCHOR WITH NAIL FOR INSULATING PANELS FIXING IN CONCRETE / CHEVILLE AVEC CLOU POUR PANNEAUX D'ISOLATION SUR BÉTON EPAM* *DÜBEL MIT NAGEL FÜR BEFESTIGUNG VON ISOLIERPLATTE AUF BETON EPAM*	81
	ZN	**ARANDELA DE ACERO PARA PANEL AISLANTE** *STEEL LARGE WASHER FOR INSULATED PANELS FIXING / RONDELLE EN ACIER POUR PANNEAUX D'ISOLATION / SCHEIBE FÜR BEFESTIGUNG VON ISOLIERPLATTE*	81

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	BC	**TORNILLO DIN 7505-A PZ BICROMATADO** *CHIPBOARD SCREW PZ YELLOW ZINC PLATED / VIS À BOIS PZ BICHROMATÉ / SENKKOPF-SPANPLATTENSCHRAUBE GELB VERZINKT*	82-84
	ZN	**TORNILLO DIN 7505-A PZ CINCADO** *CHIPBOARD SCREW PZ ZINC PLATED / VIS À BOIS PZ EN ACIER ZINGUÉ / SENKKOPF-SPANPLATTENSCHRAUBE VERZINKT*	85
	ZN	**TORNILLO DIN 7505-B PZ CINCADO** *CHIPBOARD SCREW PZ ZINC PLATED / VIS À BOIS PZ EN ACIER ZINGUÉ / SENKKOPF-SPANPLATTENSCHRAUBE VERZINKT*	85
	BC	**TORNILLO DIN 7505-A AUTOPERFORANTE TX BICROMATADO** *MULTISCREW FLAT HEAD TX - YELLOW ZINC PLATED / VIS À BOIS AUTOPERCEUSE TX BICHROMATÉ* *SENKKOPF-SPANPLATTENSCHRAUBE, INNENSECHSRUND, GELB VERZINKT - BOHRSCHRAUBEN*	86
	ZN	**ESPÁRRAGO DOBLE ROSCA TX CINCADO** *ZINC PLATED DOWEL SCREW WITH TX HEAD / VIS COMBI AVEC SECTION HEXAGONAL TX EN ACIER ZINGUÉ* *VERZINKTE SCHRAUBE MIT DOPPELTEM GEWINDE*	87
	ZN	**TORNILLO ABRAZADERA DOBLE ROSCA CINCADO** *DOUBLE THREADED SCREW ZINC PLATED / VIS POUR COLLIER ET CRAMPON ZINGUÉ / VERZINKTE VERBINDUNGSSCHRAUBE MIT DOPPELTEM GEWINDE*	87
	ZN	**TORNILLO BARRAQUERO DIN 571 CINCADO** *HEXAGONAL HEAD WOOD SCREW ZINC PLATED / TIRAFOND À VISSER AVEC TÊTE HEXAGONALE EN ACIER ZINGUÉ / SECHSKANT-HOLZSCHRAUBE VERZINKT*	88-89
	ZN	**TORNILLO INVIOLABLE ROSCA MADERA TX CINCADO** *MUSHROOM HEAD 6LOBE-RECESS WOOD SCREW ZINC PLATED / VIS À BOIS TÊTE BOMBÉE À SIX LOBES EN ACIER ZINGUÉ* *RUNDKOPF-HOLZSCHRAUBE MIT INNERSECHSRUND VERZINKT*	90
	NG	**TORNILLO ROSCA MADERA TX CINCADO NEGRO** *MUSHROOM HEAD 6LOBE-RECESS WOOD SCREW BLACK ZINC PLATED / VIS À BOIS TÊTE BOMBÉE À SIX LOBES EN ACIER ZINGUÉ NOIR* *RUNDKOPF-HOLZSCHRAUBE MIT INNERSECHSRUND SCHWARZ VERZINKT*	90
	FO	**TORNILLO FOSFATADO PARA CARTÓN-YESO** *PHOSPHATED DRYWALL SCREW FOR PLASTERBOARD / VIS POUR PLAQUES DE PLÂTRE EN ACIER PHOSPHATÉ* *PHOSPHATIERTE SCHWARZE TROPETEKOPFSCHRAUBE FÜR GIPSKARTON*	91
	FO	**TLLO. AUTOPERFORANTE FOSFATADO PARA CARTÓN-YESO** *SELF-DRILLING PHOSPHATED DRYWALL SCREW FOR PLASTERBOARD / VIS AUTOPERCEUSE POUR PLAQUES DE PLÂTRE EN ACIER PHOSPHATÉ* *PHOSPHATIERTE SCHWARZE TROPETEKOPFSCHRAUBE FÜR GIPSKARTON*	91
	ZN	**CÁNCAMO ABIERTO CINCADO** *HOOK WOOD SCREW ZINC PLATED / VIS CROCHER ROND À BOIS EN ACIER ZINGUÉ / HOLZSCHRAUBE MIT RUNDHAKEN VERZINKT*	92
	ZN	**CÁNCAMO CERRADO CINCADO** *EYE WOOD SCREW ZINC PLATED / VIS OEILLET À BOIS EN ACIER ZINGUÉ / HOLZ-AUGENSCHRAUBE VERZINKT*	93

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ZN	**ALCAYATA ROSCADA CINCADA** *"L" SHAPED WOOD SCREW ZINC PLATED / VIS CROCHET DROIT À BOIS EN ACIER ZINGUÉ / HOLZSCHRAUBE HAKEN VERZINKT*	94
ZN	**PASADOR DIN 94 / ISO 1234 CINCADO** *ZINC PLATED SPLIT PINS DIN 94 / GOUPILLE DIN 94 EN ACIER ZINGUÉ / SPLINTE DIN 94 VERZINKT*	95
ZN	**PASADOR EN "R" CINCADO** *ZINC PLATED SPRING COOTERS FOR BOLT / GOUPILLE BETA EN ACIER ZINGUÉ / BETA-STIFT VERZINKT*	96
ZN	**PASADOR EN "R" DOBLE VUELTA CINCADO** *ZINC PLATED SPRING COOTERS DOUBLE LOOP FOR BOLT / GOUPILLE BETA TORDU EN ACIER ZINGUÉ / BETA-STIFT DOPPEL-LOOP VERZINKT*	96
ZN	**PASADOR ANILLA CINCADO** *ZINC PLATED LINCH PINS / GOUPILLE ANNEUX EN ACIER ZINGUÉ / KLAPPSTECKER VERZINKT*	97
ZN	**PASADOR ANILLA CENTRO EJE - MEDIA LUNA CINCADO** *ZINC PLATED PIPE LINCH PINS / GOUPILLE POUR TUBES EN ACIER ZINGUÉ / ROHRKLAPPSTECKER VERZINKT*	97
ZN	**GANCHO EN "S" CINCADO** *ZINC PLATED "S" HOOK / CROCHETS "S" EN ACIER ZINGUÉ / "S" HAKEN VERZINKT*	98
ZN	**HEMBRILLLAS CERRADAS ROSCA MÉTRICA CINCADAS** *ZINC PLATED EYE THREADS / PITON VIS À OEILLET EN ACIER ZINGUÉ / AUGENSCHRAUBE VERZINKT*	98-99
ZN	**HEMBRILLLAS ABIERTAS ROSCA MÉTRICA CINCADAS** *ZINC PLATED HOOK THREADS / PITON VIS À OEILLET OUVERT EN ACIER ZINGUÉ / RUNDHAKEN VERZINKT*	99
ZN	**TORNILLO DIN 912 8.8 / ISO 4762 CINCADO** *CYLINDER HEAD HEXAGONAL RECESS SCREW DIN 912 8.8 - ZINC PLATED / VIS FILETAGE MÉTRIQUE TÊTE CYLINDRIQUE À SIX PANS CREUX DIN 912 8.8 - ZINGUÉ / ZYLINDERSCHRAUBE MIT INNENSECHSKANT DIN 912 8.8 - VERZINKT*	100
ZN	**TORNILLO DIN 912 8.8 / ISO 14579 TX CINCADO** *CYLINDER HEAD 6-LOBE RECESS SCREW DIN 912 8.8 - ZINC PLATED / VIS FILETAGE MÉTRIQUE TÊTE CYLINDRIQUE TX DIN 912 8.8 EN ACIER ZINGUÉ ZYLINDERSCHRAUBE MIT INNENSECHSRUND DIN 912 8.8 - VERZINKT*	101
ZN	**TORNILLO CON VALONA DIN 6921 8.8 / ISO 8100 GRAFILADO CINCADO** *HEX. FLANGED WASHER HEAD WITH SERRATION SCREW DIN 6921 8.8 ZINC PLATED / VIS TÊTE HEXAGONALE DIN 6921 8.8 EN ACIER ZINGUÉ SECHSKANTSCHRAUBE MIT GERÄNDELTER UNTEREGSCHEIBE DIN 6921 8.8 VERZINKT*	101
ZN	**TORNILLO DIN 7991 10.9 / ISO 10642 CINCADO** *HEXAGON SOCKET COUNTERSUNK HEAD SCREW 10.9 ZINC PLATED / VIS FILETAGE MÉTRIQUE DIN 7991 10.9 EN ACIER ZINGUÉ SENKKOPFSCHRAUBE MIT INNENSECHSKANT DIN 7991 10.9 - VERZINKT*	102
ZN	**TORNILLO DIN 7991 8.8 / ISO 14581 TX CINCADO** *COUNTERSUNK HEAD 6-LOBE RECESS SCREW DIN 7991 8.8 - ZINC PLATED / VIS FILETAGE MÉTRIQUE TÊTE FRAISÉE TX DIN 7991 8.8 EN ACIER ZINGUÉ SENKKOPFSCHRAUBE MIT INNENSECHSRUND DIN 7991 8.8 - VERZINKT*	102
ZN	**TORNILLO ISO 7380-1 / DIN 34805-1 10.9 CINCADO** *HEXAGON SOCKET PANHEAD SCREW ISO 7380-1 10.9 ZINC PLATED / VIS FILETAGE MÉTRIQUE TÊTE BOMBÉE À SIX PANS CREUX ISO 7380-1 EN ACIER ZINGUÉ RUNDKOPFSCHRAUBE MIT INNENSECHSKANT ISO 7380-1 VERZINKT*	103
ZN	**TORNILLO ISO 7380-1 / DIN 34805-1 TX CINCADO** *6-LOBE RECESS PANHEAD SCREW ISO 7380-1 ZINC PLATED / VIS FILETAGE MÉTRIQUE TÊTE BOMBÉE TX ISO 7380-1 EN ACIER ZINGUÉ RUNDKOPFSCHRAUBE MIT INNENSECHSRUND ISO 7380-1 VERZINKT*	103
ZN	**TORNILLO CON VALONA ISO 7380-2 / DIN 34805-2 CINCADO** *HEXAGON SOCKET PANHEAD WITH WASHER SCREW ISO 7380-2 ZINC PLATED / VIS F. MÉTRIQUE TÊTE BOMBÉE AVEC RONDELLE ISO 7380-2 EN ACIER ZINGUÉ RUNDKOPFSCHRAUBE MIT SCHEIBEN UND INNENSECHSKANT ISO 7380-2 VERZINKT*	104
ZN	**TORNILLO TIRADOR COMBI CINCADO** *PZ COMBI RECESS PAN WASHER HEAD SCREW ZINC PLATED / VIS AVEC RONDELLE INTEGRÉE EMPREINTE PZ COMBI EN ACIER ZINGUÉ LINSENKOPFSCHRAUBE VERZINKT MIT KREUZSCHLITZ PZ COMBI*	104
ZN	**TORNILLO TIRADOR CORTABLE COMBI CINCADO** *PZ COMBI RECESS BRAKE-OFF PAN WASHER HEAD SCREW ZINC PLATED / VIS AVEC RONDELLE INTEGRÉE PZ COMBI EN ACIER ZINGUÉ LINSENKOPFSCHRAUBE VERZINKT MIT UNTEREGSCHEIBE UND KREUZSCHLITZ PZ COMBI*	104
ZN	**TORNILLO DIN 603 / ISO 8677 + TUERCA DIN 934 / ISO 4032 CINCADO** *MUSHROOM HEAD SQUARE NECK BOLT DIN 603 WITH NUT DIN 934 - ZINC PLATED / BOULON TÊTE BOMBÉE TIGE À COLLET CARRÉ DIN 603 AVEC ECROU ACIER ZINGUÉ / FLACHRUNDKOPF-BOLZENSCHAFT MIT VIERKANT DIN 603 UND MUTTER - VERZINKT*	105
ZN	**TORNILLO DIN 933 8.8 / ISO 4017 CINCADO** *HEXAGONAL HEAD SCREW DIN 933 8.8 GRADE - ZINC PLATED / VIS TÊTE HEXAGONALE DIN 933 CLASSE 8.8 EN ACIER ZINGUÉ SECHSKANTSCHRAUBE DIN 933 KLASSE 8.8 - VERZINKT*	106-108
ZN	**TORNILLO DIN 931 8.8 / ISO 4014 CINCADO** *HEXAGONAL HEAD SCREW DIN 931 8.8 GRADE - ZINC PLATED / VIS TÊTE HEXAGONALE DIN 931 CLASSE 8.8 EN ACIER ZINGUÉ SECHSKANTSCHRAUBE DIN 931 KLASSE 8.8 - VERZINKT*	108

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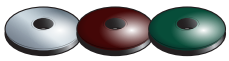
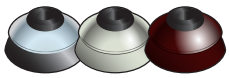
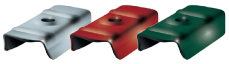
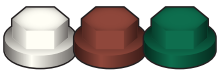
	ZN	**TORNILLO DIN 965 / ISO 7046 CINCADO** *SCREW DIN 965 ZINC PLATED / VIS FILETAGE MÉTRIQUE DIN 965 EN ACIER ZINGUÉ / ZYLINDERKOPFSCHRAUBE DIN 965 VERZINKT*	109
	ZN	**TORNILLO DIN 7985 / ISO 7045 CINCADO** *SCREW DIN 7985 ZINC PLATED / VIS FILETAGE MÉTRIQUE DIN 7985 EN ACIER ZINGUÉ / ZYLINDERKOPFSCHRAUBE DIN 7985 VERZINKT*	110
	ZN	**TORNILLO DIN 84 / ISO 1207 CINCADO** *SCREW DIN 84 ZINC PLATED / VIS FILETAGE MÉTRIQUE DIN 84 EN ACIER ZINGUÉ / ZYLINDERKOPFSCHRAUBE DIN 84 VERZINKT*	111
	ZN	**TLLO. DIN 84 / ISO 1207 CINCADO + DIN 934 Y DIN 125** *ZINC PLATED SCREW DIN 84 WITH NUT & WASHER / VIS DIN 84 AVEC ÉCROU ET RONDELLE EN ACIER ZINGUÉ* *SECHSKANTSCHRAUBE DIN 84 MIT MUTTER UND SCHEIBEN*	112
	ZN	**TORNILLO DIN 963 / ISO 2009 CINCADO + DIN 934 Y DIN 125** *ZINC PLATED SCREW DIN 963 WITH NUT & WASHER / VIS FILETAGE MÉTRIQUE DIN 963 AVEC ÉCROU ET RONDELLE EN ACIER ZINGUÉ* *SENKKOPFSCHRAUBE DIN 963 MIT MUTTER UND SCHEIBEN - VERZINKT*	112
	ZN	**TUERCAS CINCADAS** *ZINC PLATED NUTS / ÉCROUS EN ACIER ZINGUÉ / VERZINKTE MUTTERN*	113-114
	ZN	**ARANDELAS CINCADAS** *ZINC PLATED WASHERS / RONDELLES EN ACIER ZINGUÉ / VERZINKTE SCHEIBEN*	115-117
	ZN	**VARILLAS ROSCADAS DIN 975 CINCADAS** *ZINC PLATED THREADED RODS DIN 975 / TIGES FILETÉES DIN 975 EN ACIER ZINGUÉ / VERZINKTE GEWINDESTANGEN DIN 975*	116
	ZN	**MANGUITOS SEPARADORES CINCADOS** *ZINC PLATED STEEL COUPLING NUTS / MANCHONS EN ACIER ZINGUÉ / VERZINKTE ÜBERWURFMUTTERN*	118
	ZN EPDM	**TORNILLO AUTOPERFORANTE DIN 7504-K CINCADO** *HEX. FLAT WASHER HEAD SELF DRILLING SCREW WITH UNDERCUT DIN 7504-K ZINC PLATED / VIS AUTOPERCEUSE TÊTE HEX. À RONDELLE INTÉGRÉE DIN 7504-K EN ACIER ZINGUÉ / SECHSKANT-BOHRSCHRAUBE MIT INTEGRIERTER UNTERLEGSCHEIBE DIN 7504-K VERZINKT*	119-120
	ZN	**TORNILLO AUTOPERFORANTE DIN 7504-K P/REDUCIDA CINCADO** *ZINC PLATED SELF DRILLING SCREW WITH REDUCED POINT DIN 7504-K / VIS AUTOPERCEUSE AVEC POINTE RÈDUITE DIN 7504-K EN ACIER ZINGUÉ* *SECHSKANT-BOHRSCHRAUBE MIT REDUZIERTEM BOHRSPITZE DIN 7504-K VERZINKT*	121
	BIM	**TORNILLO DIN 7504-K BIMETAL P. Nº3 - INOX. A2 / ACERO CARBONO** *BIMETAL SELF DRILLING SCREW POINT 3 / VIS AUTOPERCEUSE POINTE 3 BI-MÉTAL / BIMETALL SECHSKANT-BOHRSCHRAUBE SPITZE 3*	121
	ZN	**TORNILLO AUTOPERFORANTE CABEZA PLANA CINCADO** *SELF DRILLING SCREW FLAT PAN HEAD ZINC PLATED / VIS AUTOPERCEUSE TÊTE BOMBEÉ PLATE EN ACIER ZINGUÉ* *FLACHKOPF-BOHRSCHRAUBE KREUZSCHLITZ VERZINKT*	122
	ZN NG LB	**TORNILLOS AUTOPERFORANTES DE CABEZA EXTRAPLANA** *SELF DRILLING SCREWS FLAT PAN HEAD / VIS AUTOPERCEUSE TÊTE BOMBEÉ PLATE / FLACHKOPF-BOHRSCHRAUBE KREUZSCHLITZ*	122
	ZN	**TORNILLO AUTOPERFORANTE DIN 7504-N CINCADO** *PAN HEAD SELF DRILLING SCREW DIN 7504-N ZINC PLATED / VIS AUTOPERCEUSE TÊTE CYLINDRIQUE DIN 7504-N EN ACIER ZINGUÉ* *ZYLINDERKOPF-BOHRSCHRAUBE DIN 7504-N VERZINKT*	123/125
	ZN	**TORNILLO AUTOPERFORANTE DIN 7504-P CINCADO** *FLAT CSK HEAD SELF DRILLING SCREW DIN 7504-P ZINC PLATED / VIS AUTOPERCEUSE TÊTE FRAISÉE PLATE DIN 7504-P EN ACIER ZINGUÉ* *SENKKOPF-BOHRSCHRAUBE DIN 7504-P VERZINKT*	124-125
	ZN	**TORNILLO AUTOPERFORANTE DIN 7504-N CINCADO TX** *PAN HEAD 6-LOBE RECESS SELF DRILL. SCREW DIN 7504-N TX ZINC PLATED / VIS AUTOP. EMPREINTE À SIX LOBES DIN 7504-N TX EN ACIER ZINGUÉ* *ZYLINDERKOPF-BOHRSCHRAUBE, EINSATZGEHÄRTET, DIN 7504-N TX VERZINKT*	126
	ZN	**TORNILLO AUTOPERFORANTE DIN 7504-P CINCADO TX** *FLAT CSK. HEAD 6-LOBE RECESS SELF DRILLING SCREW DIN 7504-P TX ZINC PLATED / VIS AUTOP. EMPREINTE À SIX LOBES DIN 7504-P TX EN ACIER ZINGUÉ* *SENKKOPF-BOHRSCHRAUBE INNENSECHSRUND, DIN 7504-P TX VERZINKT*	126
	ZN	**TORNILLO DIN 7504-P CINCADO TX CON ALAS** *FLAT CSK. HEAD TX SELF DRILLING SCREW WITH WINGS DIN 7504-P TX ZINC PLATED / VIS AUTOP. EMPREINTE À SIX LOBES AVEC AILETTES DIN 7504-P TX EN ACIER ZINGUÉ / SENKKOPF-BOHRSCHRAUBE MIT FLÜGEL INNENSECHSRUND, DIN 7504-P TX VERZINKT*	127
	ZN EPDM	**TORNILLO PANEL SANDWICH PUNTA BROCA Nº3 + EPDM Ø16** *SELF DRILLING SCREW POINT Nº3 FOR SANDWICH PANELS + EPDM Ø16 / VIS AUTOPERCEUSE POINTE Nº3 POUR PANNEAU SANDWICH + EPDM Ø16* *SECHSKANT-BOHRSCHRAUBE SPITZE Nº3 + EPDM Ø16*	127
	ZN EPDM	**TLLO. VIGA AUTOPERFORANTE PUNTA BROCA Nº5 CINCADO** *SELF DRILLING SCREW POINT Nº5 ZINC PLATED / VIS AUTOPERCEUSE POINTE Nº5 EN ACIER ZINGUÉ / SECHSKANT-BOHRSCHRAUBE SPITZE Nº5*	128
	AC EPDM	**TLLO. AUTORROSCANTE PARA HORMIGÓN DE ACERO CEMENTADO** *CONCRETE SELF-TAPPING SCREW - HARDENED STEEL / VIS AUTOTARAUDEUSE EN ACIER CÉMENTE POUR BÉTON* *BETONBLECHSCHRAUBE EINSATZGEHÄRTET*	129

TORNILLERÍA / *GENERAL FASTENERS / BOULONNERIE ET VISSERIE / ALLGEMEINE BEFESTIGUNGEN*

	ZN	**TORNILLO DIN 7981-C / ISO 7049 CINCADO** *PAN HEAD SCREW DIN 7981 ZINC PLATED / VIS À TOLE TÊTE CYLINDRIQUE DIN 7981 EN ACIER ZINGUÉ* *ZYLINDERKOPF-BLECHSCHRAUBE DIN 7981 VERZINKT*	130
	ZN	**TORNILLO DIN 7982-C / ISO 7050 CINCADO** *FLAT CSK HEAD SCREW DIN 7982 ZINC PLATED / VIS À TOLE TÊTE FRAISÉE DIN 7982 EN ACIER ZINGUÉ / SENKKOPF-BLECHSCHRAUBE DIN 7982 VERZINKT*	131
	ZN EPDM	**TORNILLO DIN 6928-C CINCADO** *ZINC PLATED SELF-TAPPING SCREW HEXAGONAL FLAT WASHER HEAD / VIS À TÔLE TÊTE HEXAGONALE À EMBASE EN ACIER ZINGUÉ* *BLECHSCHRAUBEN SECHSKANT-FLANSCHKOPF*	132
	ZN EPE	**ARANDELA ROMBO CINCADA POLIETILENO EXPANDIDO** *ZINC PLATED STEEL RHOMBOIDAL GASKET WITH PE FOAM / RONDELLE RHOMBOÏDALE EN ACIER ZINGUÉ AVEC GUARNITURE EN POLYETYLÈNE* *VERZINKTE RHOMBUSFÖRMIGE SCHEIBE MIT SCHAUMSTOFFDICHTUNG*	132
	ZN A2 AL EPDM	**ARANDELA EPDM** *EPDM WASHER / RONDELLE AVEC GUARNITURE EN EPDM D'ÉTANCHÉITÉ / SCHEIBE MIT EPDM DICHTUNG*	133
	NY EPE	**ARANDELA DE NYLON CON TAPÓN Y JUNTA DE ESTANQUEIDAD** *NYLON WASHER WITH CAP AND PE FOAM SEALING GASKET / RONDELLE AVEC CAPUCHON ET GUARNITURE EN POLYÉTHYLÈNE EXPANSÉ* *NYLONSCHEIBE MIT KAPPE UND SCHAUMSTOFFDICHTUNG*	133
	ZN A2 AL EPDM	**ARANDELA EPDM PARAGUAS** *EPDM UMBRELLA GASKET ASSEMBLED WITH METAL WASHER / RONDELLE EN EPDM AVEC RONDELLE MÉTALLIQUE* *LINSENSCHEIBE AUS EPDM MIT STAHLSCHEIBE MONTIERT*	134
	ZN EPE	**ARANDELA GRECADA ACERO-POLIETILENO** *METAL CAP FOR ROOFING WITH POLYETHYLENE SEALING GASKET / CAVALIER AVEC GUARNITURE EN POLYÉTHYLÈNE EXPANSÉ* *KALOTTE MIT SCHAUMSTOFFDICHTUNG*	134
	HDPE	**TAPÓN ENVOLVENTE HEXAGONAL** *HEXAGONAL PLASTIC CUP / CAPUCHON EN PASTIQUE HEXAGONALE / SECHSKANTKAPPE AUS PLASTIK*	135
	NY	**TAPÓN DE PLÁSTICO PARA TUERCAS Y TLLOS. HEXAGONALES** *PLASTIC CUP / CAPUCHON EN PASTIQUE / KAPPE AUS PLASTIK*	135
	ZN	**TUERCAS CINCADAS PARA MADERA** *ZINC PLATED WOOD NUTS / ÉCROUS EN ACIER ZINGUÉ POUR BOIS / MUTTER VERZINKT FÜR HOLZ*	136
	NY ZA BC ZN	**MALETÍN SURTIDO HOGAR** *ASSORTMENT BRIEFCASE HOME / MALLETTE ASSORTIMENT FOYER / HANDKOFFER SORTIERT ZUHAUSE*	136
	PV	**MALETINES DIN 471-E / 472-I / DIN 1481** *DIN 471-E / DIN 472-I / DIN 1481 CASE / MALLETTE DE DIN 471-E / DIN 472-I / DIN 1481 / DIN 471-E / DIN 472-I / DIN 1481 KOFFER*	137

TORNILLERÍA INOXIDABLE / *STAINLESS STEEL FASTENERS / BOULONERIE ET VISSERIE EN ACIER INOX. / ALLGEMEINE BEFESTIGUNGEN AUS EDELSTAHL*

	A2	**TORNILLO DIN 7505-A INOXIDABLE A-2 PZ** *CHIPBOARD SCREW PZ STAINLESS STEEL AISI 304 / VIS À BOIS PZ EN ACIER INOX A-2 / SENKKOPF-SPANPLATTENSCHRAUBE - EDELSTAHL A-2*	138-139
	A2	**TORNILLO ABRAZADERA DOBLE ROSCA INOXIDABLE A-2** *DOUBLE THREADED SCREW STAINLESS STEEL AISI 304 / VIS POUR COLLIER ET CRAMPON EN ACIER INOX. A-2* *EDELSTAHL A-2 VERBINDUNGSSCHRAUBE MIT DOPPELTEM GEWINDE*	139
	A2	**TORNILLO BARRAQUERO DIN 571 INOXIDABLE A-2** *HEXAGON WOOD SCREW - STAINLESS STEEL AISI 304 / TIRAFOND À VISSER AVEC TÊTE HEXAGONALE EN ACIER INOX. A-2* *SECHSKANT-HOLZSCHRAUBE - EDELSTAHL A-2*	140
	A2	**CÁNCAMO CERRADO INOXIDABLE A-2** *STAINLESS STEEL AISI 304 EYE WOOD SCREW / VIS OEILLET À BOIS EN ACIER INOX. A-2 / HOLZ-AUGENSCHRAUBE - EDELSTAHL A-2*	141
	A2	**CÁNCAMO ABIERTO INOXIDABLE A-2** *STAINLESS STEEL AISI 304 HOOK WOOD SCREW / VIS CROCHER ROND À BOIS EN ACIER INOX. A-2 / HOLZSCHRAUBE MIT RUNDHAKEN - EDELSTAHL A-2*	141
	A2	**ESPÁRRAGO DOBLE ROSCA INOXIDABLE A-2** *STAINLESS STEEL AISI 304 DOWEL THREAD SCREW / VIS COMBI AVEC SECTION HEXAGONAL EN ACIER INOX. A-2* *SCHRAUBE MIT DOPPELTEM GEWINDE - EDELSTAHL A-2*	141
	A2	**TORNILLO DIN 912 / ISO 4762 INOXIDABLE A-2** *CYLINDER HEAD HEXAGONAL RECESS SCREW DIN 912 STAINLESS STEEL AISI 304 / VIS FILETAGE MÉTRIQUE TÊTE CYLINDRIQUE À SIX PANS CREUX DIN 912* *EN ACIER INOX. A-2 / ZYLINDERSCHRAUBE MIT INNENSECHSKANT DIN 912 - EDELSTAHL A-2*	142
	A2	**TORNILLO DIN 933 / ISO 4017 INOXIDABLE A-2** *HEXAGON HEAD SCREW DIN 933 - STAINLESS STEEL AISI 304 / VIS TÊTE HEXAGONALE DIN 933 EN ACIER INOX. A-2* *SECHSKANTSCHRAUBE DIN 933 - EDELSTAHL A-2*	143-144

TORNILLERÍA INOXIDABLE / *STAINLESS STEEL FASTENERS / BOULONERIE ET VISSERIE EN ACIER INOX. / ALLGEMEINE BEFESTIGUNGEN AUS EDELSTAHL*

	A2	**TORNILLO DIN 931 / ISO 4014 INOXIDABLE A-2** *HEXAGON HEAD SCREW DIN 931 - STAINLESS STEEL AISI 304 / VIS TÊTE HEXAGONALE DIN 931 EN ACIER INOX. A-2* *SECHSKANTSCHRAUBE DIN 931 - EDELSTAHL A-2*	144
	A2	**TORNILLO ISO 7380-1 / DIN 34805-1 INOXIDABLE A-2** *HEXAGON SOCKET PANHEAD SCREW ISO 7380-1 STAINLESS STEEL AISI 304 / VIS FILETAGE MÉTRIQUE TÊTE BOMBÉE À SIX PANS CREUX ISO 7380 EN ACIER INOX. A-2 / RUNDKOPFSCHRAUBE MIT INNENSECHSKANT ISO 7380-1 EDELSTAHL A-2*	145
	A2	**TORNILLO DIN 7991 / ISO 10642 INOXIDABLE A-2** *HEXAGON SOCKET COUNTERSUNK HEAD SCREW STAINLESS STEEL AISI 304 / VIS FILETAGE MÉTRIQUE DIN 7991 EN ACIER INOX. A-2* *SENKKOPFSCHRAUBE MIT INNENSECHSKANT DIN 7991 - EDELSTAHL A-2*	145
	A2	**TORNILLO DIN 603 / ISO 8677 INOXIDABLE A-2** *MUSHROOM HEAD SQUARE NECK BOLT DIN 603 - STAINLESS STEEL AISI 304 / BOULON TÊTE BOMBÉE TIGE À COLLET CARRÉ DIN 603 EN ACIER INOX. A-2* *FLACHRUNDKOPF-BOLZENSCHAFT MIT VIERKANT DIN 603 - EDELSTAHL A-2*	146
	A2	**TORNILLO DIN 7985 / ISO 7045 INOXIDABLE A-2** *SCREW DIN 7985 STAINLESS STEEL AISI 304 / VIS FILETAGE MÉTRIQUE DIN 7985 EN ACIER INOX. A-2 / ZYLINDERKOPFSCHRAUBE DIN 7985 - EDELSTAHL A-2*	146
	A2	**TORNILLO DIN 84 / ISO 1207 INOXIDABLE A-2** *SCREW DIN 84 STAINLESS STEEL AISI 304 / VIS FILETAGE MÉTRIQUE DIN 84 EN ACIER INOX. A-2 / ZYLINDERKOPFSCHRAUBE DIN 84 - EDELSTAHL A-2*	147
	A2	**TORNILLO DIN 965 / ISO 7046 INOXIDABLE A-2** *SCREW DIN 965 STAINLESS STEEL AISI 304 / VIS FILETAGE MÉTRIQUE DIN 965 EN ACIER INOX. A-2 / SENKKOPFSCHRAUBE DIN 965 - EDELSTAHL A-2*	148
	A2	**TORNILLO DIN 963 / ISO 2009 INOXIDABLE A-2** *STAINLESS STEEL AISI 304 SCREW DIN 963 / VIS FILETAGE MÉTRIQUE DIN 963 EN ACIER INOX. A-2 / SENKKOPFSCHRAUBE DIN 963 - EDELSTAHL A-2*	149
	A2	**HEMBRILLLA CERRADA ROSCA MÉTRICA INOXIDABLE A-2** *STAINLESS STEEL AISI 304 EYE THREADS / PITON VIS À OEILLET EN ACIER INOX. A-2 / AUGENSCHRAUBE - EDELSTAHL A-2*	149
	A2	**HEMBRILLLA ABIERTA ROSCA MÉTRICA INOXIDABLE A-2** *STAINLESS STEEL AISI 304 HOOK THREADS / PITON VIS À OEILLET OUVERT EN ACIER INOX. A-2 / RUNDHAKEN - EDELSTAHL A-2*	149
	A2	**TUERCAS INOXIDABLES A-2** *STAINLESS STEEL AISI 304 NUTS / ÉCROUS EN ACIER INOX. A-2 / MUTTERN - EDELSTAHL A-2*	150-151
	A2	**ARANDELAS INOXIDABLES A-2** *STAINLESS STEEL AISI 304 WASHERS / RONDELLES EN ACIER INOX. A-2 / SCHEIBEN - EDELSTAHL A-2*	151-153
	A2	**VARILLA ROSCADA DIN 975 INOXIDABLE A-2** *STAINLESS STEEL AISI 304 THREADED ROD DIN 975 / TIGE FILETÉE DIN 975 EN ACIER INOX. A-2 / GEWINDESTANGEN - EDELSTAHL A-2*	153
	A2	**MANGUITOS SEPARADORES INOXIDABLES A-2** *STAINLESS STEEL AISI 304 COUPLING NUTS / MANCHONS EEN ACIER INOX. A-2 / ÜBERWURFMUTTERN - EDELSTAHL A-2*	154
	A2	**TORNILLO DIN 7981-C / ISO 7049 INOXIDABLE A-2** *PAN HEAD SCREW DIN 7981 STAINLESS STEEL AISI 304 / VIS À TOLE TÊTE CYLINDRIQUE DIN 7981 EN ACIER INOX. A-2* *ZYLINDERKOPF-BLECHSCHRAUBE DIN 7981 - EDELSTAHL A-2*	154-155
	A2	**TORNILLO DIN 7982-C / ISO 7050 INOXIDABLE A-2** *FLAT CSK HEAD SCREW DIN 7982 STAINLESS STEEL AISI 304 / VIS À TOLE TÊTE FRAISÉE DIN 7982 EN ACIER INOX. A-2* *SENKKOPF-BLECHSCHRAUBE DIN 7982 - EDELSTAHL A-2*	154/156

REMACHES / *BLIND RIVETS / RIVETS / BLINDNIETE*

	AC AL	**REMACHE TUBULAR DIN 7337-B - ALUMINIO / ACERO** *ALUMINIUM / STEEL BLIND RIVET DIN 7337 / RIVET TUBULAIRE DIN 7337 EN ALUMINIUM / ACIER / BLINDNIETE DIN 7337 AUS ALUMINIUM / STAHL*	158
	AC AL	**REMACHE TUBULAR DIN 7337-B CABEZA ANCHA - ALUMINIO / ACERO** *ALUMINIUM / STEEL WIDE HEAD BLIND RIVET DIN 7337 / RIVET TUBULAIRE TÊTE LARGE DIN 7337 EN ALUMINIUM / ACIER* *BREITENKOPF-BLINDNIETE DIN 7337 AUS ALUMINIUM / STAHL*	159
	ACERO AISI 306	**REMACHE TUBULAR DIN 7337-B - ACERO / ACERO** *STEEL / STEEL BLIND RIVET DIN 7337 / RIVET TUBULAIRE DIN 7337 EN ACIER / ACIER / BLINDNIETE DIN 7337 AUS STAHL / STAHL*	160
	A2	**REMACHE TUBULAR DIN 7337-B - INOX A-2 / INOX A-2** *STANILESS STEEL AISI 304 / STAINLESS STEEL AISI 304 BLIND RIVET DIN 7337 / RIVET TUBULAIRE DIN 7337 EN ACIER INOX A-2 / ACIER INOX A-2* *BLINDNIETE DIN 7337 AUS EDELSTAHL A-2 / EDELSTAHL A-2*	161
	AC AL	**REMACHE TUBULAR FLOR - ALUMINIO / ACERO** *ALUMINIUM / STEEL PEEL DOMED HEAD BLIND RIVET / RIVET TUBULAIRE ECLATE EN ALUMINIUM / ACIER* *SCHÄLEN GEWÖLBTENKOPF-BLINDNIETE AUS ALUMINIUM / STAHL*	162

REMACHES / *BLIND RIVETS / RIVETS / BLINDNIETE*

AC AL

REMACHE TUBULAR FLOR CABEZA ANCHA - ALUMINIO / ACERO
ALUMINIUM / STEEL PEEL WIDE HEAD BLIND RIVET / RIVET TUBULAIRE ECLATE TÊTE LARGE EN ALUMINIUM / ACIER SCHÄLEN GEWÖLBTENBREITENKOPF-BLINDNIETE AUS ALUMINIUM / STAHL — 163

AC AL LB LN

REMACHE TUBULAR DIN 7337-B LACADO BLANCO Y NEGRO - ALUMINIO / ACERO
BLACK AND WHITE ALUMINIUM / STEEL BLIND RIVET DIN 7337 / RIVET TUBULAIRE DIN 7337 EN ALUMINIUM / ACIER BLANC ER NOIR BLINDNIETE DIN 7337 AUS ALUMINIUM / STAHL VERZINKT SCHWARZ UND WEISS — 164

AC AL

REMACHE T. DIN 7337-B CABEZA AVELLANADA - ALUMINIO / ACERO
ALUMINIUM / STEEL COUNTERSUNK HEAD BLIND RIVET DIN 7337 / RIVET TUBULAIRE TÊTE FRAISÈE DIN 7337 EN ALUMINIUM / ACIER BLINDNIETE MIT SENKKOPF DIN 7337 AUS ALUMINIUM / STAHL — 165

AL

REMACHE TUBULAR TRÉBOL - ALUMINIO / ALUMINIO
ALUMINIUM / ALUMINIUM "CLOVER" BLIND RIVET / RIVET TUBULAIRE TRÈFLE EN ALUMINIUM / ALUMINIUM KLEE-BLINDNIETE AUS ALUMINIUM / ALUMINIUM — 166

AL

REMACHE TUBULAR TRÉBOL CABEZA ANCHA - ALUMINIO / ALUMINIO
ALUMINIUM / ALUMINIUM "CLOVER" WIDE HEAD BLIND RIVET / RIVET TUBULAIRE TRÈFLE TÊTE LARGE EN ALUMINIUM / ALUMINIUM BREITENKOPF KLEE-BLINDNIETE AUS ALUMINIUM / ALUMINIUM — 166

AC AL

REMACHE TUBULAR CABEZA MULTIGRIP - ALUMINIO / ACERO
ALUMINIUM / STEEL MULTIGRIP HEAD BLIND RIVET / RIVET TUBULAIRE TÊTE MULTIGRIP EN ALUMINIUM / ACIER MULTIGRIP BLINDNIETE AUS ALUMINIUM / STAHL — 167

AC AL

REMACHE TUBULAR ESTANCO - ALUMINIO / ACERO
ALUMINIUM / STEEL SEALED HEAD BLIND RIVET / RIVET TUBULAIRE ETANCHE DIN 7337 EN ALUMINIUM / ACIER VERSIEGELT-BREITENKOPF BLINDNIETE AUS ALUMINIUM / STAHL — 167

ZN A2

TUERCA REMACHABLE CABEZA BAJA CINCADA / INOX A-2
REDUCED HEAD BLIND RIVET NUT - ZINC PLATED / STAINLESS STEEL AISI 304 / ÉCROU À SERTIR TÊTE REDUITE EN ACIER ZINGUÉ / INOX A-2 REDUZIERKOPF-BLINDNIET MUTTERN VERZINKT / EDELSTAHL A-2 — 168

ZN

TUERCA REMACHABLE HEXAGONAL CINCADA
HEXAGONAL BLIND RIVET NUTS ZINC PLATED / ÉCROU À SERTIR HEXAGONAL EN ACIER ZINGUÉ / SECHSKANTKOPF-BLINDNIET MUTTERN VERZINKT — 168

ZN

TUERCA REMACHABLE CABEZA ANCHA CINCADA
BLIND RIVET NUT - ZINC PLATED / ÉCROU À SERTIR EN ACIER ZINGUÉ / BREITENKOPF-BLINDNIET MUTTERN VERZINKT — 169

ZN

TUERCA REMACHABLE CABEZA AVELLANADA CINCADA
STEEL BLIND RIVET NUTS WITH FLAT COUNTERSUNK HEAD ZINC PLATED / ÉCROU A SERTIR TÊTE FRAISÉE EN ACIER ZINGUÉ SENKKOPF-BLINDNIET MUTTERN VERZINKT — 169

REMACHADORA MANUAL
MANUAL RIVETER / RIVETER MANUEL / MANUELLER-NIETMASCHINE — 170

REMACHADORA MANUAL DE 2 BRAZOS PARA REMACHES
2 ARMS MANUAL RIVETER / RIVETER MANUEL ET DEUX BRAS / ZWEI-ARM-MANUELLER NIETMASCHINE — 170

REMACHADORA DE 2 BRAZOS PARA TUERCAS REMACHABLES
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REMACHADORA NEUMÁTICA
PNEUMATIC RIVETER / RIVETER PNEUMATIQUE MANUEL / PNEUMATISCHE-NIETMASCHINE — 170

ABRAZADERAS / *CLAMPS / COLLIERS / KLEMM*

W1 W4 W5

ABARCONES CON TUERCA Y ARANDELA DIN 3570
"U" BOLT WITH NUTS AND WASHERS / ÉTRIERS AVEC ÉCROUS ET RONDELLES / RUNDSTAHLBÜGEL MIT MUTTER UND SCHEIBEN — 171

W1 W2 W4 W5

ABRAZADERA SIN FIN DIN 3017
WORM HOSE CLAMP / COLLIERS À CRÉMAILLÈRES / SCHNECKENGEWIDESCHELLEN — 172-174

ATORNILLADOR FLEXIBLE HEXAGONAL
HEXAGONAL FLEXIBLE SCREWDRIVER / TOURNEVIS FLEXIBLE / FLEXIBLER SCHRAUBENDREHER — 173

W1 W4 W5

ABRAZADERA SUPER
HEAVY DUTY HOSE CLAMP / COLLIERS À TOURILLONS / GELENKBOLZENSCHELLEN — 175

W1 W4 W5

ABRAZADERA REFORZADA - M8 + M10
PIPE CLAMP M8 + M10 / CLAMP RENFORCÉ M8 + M10 / VERSTÄRKTKLEMM M8 + M10 — 176

W1 W4 W5 EPDM

ABRAZADERA REFORZADA ISOFÓNICA - M8 + M10
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ABRAZADERAS / *CLAMPS / COLLIERS / KLEMM*

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BC	**ABRAZADERA PLASTIFICADA GAS CON TORNILLO** *PLASTIC GAS HOSE CLAMP WITH SCREW / COLLIER EN PLASTIQUE GAZ AVEC VIS / KUNSTSTOFFKLEMM GAS MIT SCHRAUBE*	180
W1 W4	**GRAPAS PUENTE SIMPLES** *S-SHAPPED / D-SHAPPED SADDLE CLIPS / AGRAFE SIMPLE / BRÜCKE CLIP FÜR ROHRLEITUNG*	181
BC	**ABRAZADERA DE TUBO SIMPLE M-6** *SIMPLE CLAMP M-6 / COLLIER SERRAGE M-6 / EINFACH KLEMM M-6*	181
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ZN	**SOPORTES PARA CARRIL** *CHANNEL SUPPORT / SUPPORT POUR GOUTTIÈRE / UNTERSTÜTZUNG FÜR LOCHSCHIENEN*	182
ZN	**PUENTE GUÍA** *CHANNEL CLAMP / COLLIER POUR GOUTTIÈRE / KLEMM FÜR LOCHSCHIENEN*	182
ZN	**SOPORTE PARA CARRIL PERFORADO** *SLOTTED CHANNEL SUPPORT / SUPPORT POUR GOUTTIÈRE PERFORÉ / UNTERSTÜTZUNG FÜR LOCHSCHIENEN*	182
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ZN	**ESCUADRA PERFORADA** *HOLE CORNER ANGLES / CARRÉS POUR GOUTTIÈRE / SQUARE FÜR LOCHSCHIENEN*	184
ZN	**MORDAZA PARA VIGA** *BEAM FIXER / PINCE DE FIXATION / KLEMME FÜR STAHLRÄGER*	184
A2	**BRIDA METÁLICA CINTA INOX. A-2** *CABLE TIE - STAINLESS STEEL AISI 304 / COLLIER EN ACIER INOX. A-2 / KABELBINDER - EDELSTAHL A-2*	185
W1 W4	**CINTA PERFORADA ONDULADA / RECTA** *STRAIGHT / WAVY PERFORATED ROLL TAPE / RUBAN PERFORÉ ONDULÉ / DROITE / GERADEN / WELLENF LOCHBAND*	185
W2	**CINTA PERFORADA EN BLISTER** *PERFORATED BAND IN BLISTER / BANDE PERFORÉE SOUS BLISTER / PERFORIERTES BAND IM BLISTER*	185
A4	**BASE RECTANGULAR PARA ABRAZADERA INOX. A-4** *STAINLESS STEEL AISI 316 RECTANGULAR BASE WITH NUT / BASE RECTANGULAIRE POUR CLAMP EN ACIER INOX. A-4 RECHTECKIGEN GRUND MIT MUTTER - EDELSTAHL A-4*	185
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ELEMENTOS DE ELEVACIÓN / *LIFTING ELEMENTS / ELEMENTS DE LEVAGE / HUBELEMENTEN*

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TURNBUCKLES WITH EYE AND HOOK ZINC PLATED / TENDEURS ANNEAU ET CROCHET EN ACIER ZINGUÉ
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187

ZN
TENSOR GANCHO - GANCHO CINCADO
TURNBUCKLES WITH TWO HOOKS ZINC PLATED / TENDEURS À DEUX CROCHETS EN ACIER ZINGUÉ / SPANNSCHLÖSSER MIT ZWEI HAKEN
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ZN
TENSOR ARO - ARO CINCADO
TURNBUCKLES WITH TWO EYES ZINC PLATED / TENDEURS À DEUX ANNEAUX EN ACIER ZINGUÉ / SPANNSCHLÖSSER MIT ZWEI ÖSEN
188

ZN
TENSOR HORQUILLA - HORQUILLA CINCADO DIN 1480
TURNBUCKLES WITH TWO JAWS ZINC PLATED DIN 1480 / TENDEURS À DEUX CHAPES EN ACIER ZINGUÉ DIN 1480
SPANNSCHLÖSSER MIT ZWEI GABELN DIN 1480
188

ZN
TENSOR VARILLA - VARILLA DIN 1481 CINCADO
TURNBUCKLES WITH STUBENDS DIN 1481 ZINC PLATED / TENDEURS À SOUDER DIN 1481 EN ACIER ZINGUÉ
SPANNSCHLÖSSER MIT ZWEI ANSCHWEISSENDEN DIN 1481
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ZN
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LIFTING BOLTS DIN 580 / 582 ZINC PLATED / ANNEAU DE LEVAGE DIN 580 / 582 EN ACIER ZINGUÉ / RINGS DIN 580 / 582
190

ZN
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191

ZN
GUARDACABOS DIN 6899-A / 6899-B
THIMBLES DIN 6899-A / 6899-B / COSSES COEUR DIN 6899-A / 6899-B / KAUSCHEN 6899-A / 6899-B
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ZN
MOSQUETÓN BOMBERO DIN 5299 CINCADO
SNAP HOOKS DIN 5299 ZINC PLATED / MOUSQUETONS DIN 5299 EN ACIER ZINGUÉ / KARABINERHAKEN DIN 5299
193

ZN
MOSQUETÓN BOMBERO CON SEGURO CINCADO
SNAP HOOKS WITH SAFETY SCREW ZINC PLATED / MOUSQUETONS À VIS DE SECURITE EN ACIER ZINGUÉ / KARABINERHAKEN MIT SCHRAUBSICHERUNG
193

NQ
GRILLETE GIRATORIO NIQUELADO
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ZN
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NQ
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ZN
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ZN
CADENA CINCADA
ZINC PLATED CHAIN / CHAÎNE EN ACIER ZINGUÉ / KETTE VERZINKT
195

ZN
GRILLETE RECTO CINCADO
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196

ZN
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196

ZN
GRILLETE LIRA CINCADO
BOW SHACKLES ZINC PLATED / MANILLES LYRES EN ACIER ZINGUÉ / HERZFÖRMIGE SCHÄKEL VERZINKT
197

ZN
GRILLETE LIRA ALTA RESISTENCIA
ALLOY STEEL BOW SHACKLES WITH SCREW PIN / MANILLES LYRES EN ACIER ALLIÉ / HOCHFESTE HERZFÖRMIGE SCHÄKEL
197

ZN
GRILLETE RECTO ALTA RESISTENCIA CON TORNILLO
ALLOY STEEL DEE SHACKLES WITH BOLT / MANILLES DROITES ACIER ALLIÉ AVEC BULLON / HOCHFESTE GERADE SCHÄKEL MIT BOLZEN
198

ZN
GRILLETE LIRA ALTA RESISTENCIA CON TORNILLO
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ELEMENTOS DE ELEVACIÓN / *LIFTING ELEMENTS / ELEMENTS DE LEVAGE / HUBELEMENTEN*

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	GRADO 40	**GANCHO DE ELEVACIÓN CON SEGURO GIRATORIO - GRADO 40** *CARBON STEEL REVOLVING HOOKS WITH LATCH / CROCHETS A EMERILLON EN ACIER CARBONE AVEC LINGUET* *LASTHAKEN KOHLENSTOFFSTAHL MIT SICHERUNG*	199
		ESLINGA PLANA CON GAZAS *EYESLINGS, TWO PLYS / SANGLES DE LEVAGE À BOUCLE, DEUX PLIURES / ÖSEFÖRMIGE SCHLINGEN*	200
		ESLINGA TUBULAR SIN FIN *ROUNDSLINGS WITH SINGLE COVER / SANGLES RONDES AVEC GAINE UNIQUE / RUNDE SCHLINGEN*	201
	BC	**TRINCAJE** *LASHING SYSTEMS / SYSTÈMES D'ARRIMAGE / VERANKERUNGSYSTEM*	202
		PULPOS DE CADENA - GRADO 80 *CHAIN SLINGS / ELINGUE DE CHAÎNE / ANSCHLAGKETTEN*	203-204
	GRADO 80	**CADENA ACERO NORMA EN 818-2 - GRADO 80** *STEEL CHAIN ACCORDING TO EN 818-2 - GRADE 80 / CHAÎNE ACIER SELON EN 818-2 - DEGRÉ 80 / KETTE NACH EN 818-2 - GRAD 80*	203
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	GRADO 80	**ANILLA MAESTRA OVAL - GRADO 80** *OBLONG MASTERLINK - GRADE 80 / MAILLE DE TÊTE OVALE - DEGRÉ 80 / OVAL AUFHÄNGERINGE - GRAD 80*	205
	GRADO 80	**ANILLA MAESTRA OVAL ENSAMBLADA - GRADO 80** *SUB-ASSEMBLY OBLONG MASTERLINK - GRADE 80 / MAILLE DE TÊTE TRIPLE - DEGRÉ 80 / AUFHÄNGEKÖPFE - GRAD 80*	205
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	ACERO 8.8	**ANILLA ELEVACIÓN GIRATORIA CON ANILLA - GRADO 80** *ROTATING EYE BOLT WITH RING - GRADE 80 / ANNEAU DE LEVAGE EMERILLON À OEIL - DEGRÉ 80 / WIRBELBOCK - GRAD 80*	209

NAÚTICA / *STAINLESS STEEL FITTINGS / FIXATIONS DE LEVAGE EN INOX / EDELSTAHLBESCHLÄGE*

	A4	**TENSOR HORQUILLA - HORQUILLA INOXIDABLE A-4** *STAINLESS STEEL AISI 316 TURNBUCKLES WITH 2 FORKS / RIDOIRS À DEUX CHAPES EN ACIER INOX. A-4* *WANTENSPANNER MIT ZWEI GABELN AUS ROSTFREIEM STAHL*	210
	A4	**TENSOR HORQUILLAS SOLDADAS INOXIDABLE A-4** *STAINLESS STEEL AISI 316 TURNBUCKLES WITH 2 WELDED FORKS / RIDOIRS À DEUX CHAPES SOUDÉES EN ACIER INOX. A-4* *WANTENSPANNER MIT ZWEI GESCHWEISSTEN GABELN AUS ROSTFREIEM STAHL*	210

NAÚTICA / *STAINLESS STEEL FITTINGS / FIXATIONS DE LEVAGE EN INOX / EDELSTAHLBESCHLÄGE*

A4 **TENSOR HORQUILLAS MÓVILES INOXIDABLE A-4**
STAINLESS STEEL AISI 316 TURNBUCKLES WITH 2 JOINT FORKS / RIDOIRS À DEUX CHAPES ARTICULÉES EN ACIER INOX. A-4
WANTENSPANNER MIT ZWEI GELENKGABELN AUS ROSTFREIEM STAHL — 210

A4 **TENSOR HORQUILLA - TERMINAL INOXIDABLE A-4**
STAINLESS STEEL AISI 316 TURNBUCKLES WITH FORK & TERMINAL / RIDOIRS À UNE CHAPE ET UN EMBOUT A SERTIR EN ACIER INOX. A-4
WANTENSPANNER MIT GABEL UND TERMINAL ZUM WALZEN — 211

A4 **TENSOR HORQUILLA MÓVIL - TERMINAL INOXIDABLE A-4**
STAINLESS STEEL AISI 316 TURNBUCKLES WITH JOINT FORK & TERMINAL / RIDOIRS À CHAPE ARTICULÉE ET EMBOUT A SERTIR ACIER INOX. A-4
WANTENSPANNER MIT GELENKGABEL UND TERMINAL ZUM WALZEN — 211

A4 **CABLE 7X7 INOXIDABLE A-4**
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A4 **TENSOR ARO - ARO INOXIDABLE A-4**
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WANTENSPANNER MIT ZWEI ÖSEN AUS ROSTFREIEM STAHL — 212

A4 **TENSOR ARO - GANCHO INOXIDABLE A-4**
STAINLESS STEEL AISI 316 TURNBUCKLES EYE & HOOK / RIDOIRS ANNEAUX ET CROCHET EN ACIER INOX. A-4
SPANNSCHLÖSSER MIT ÖSE UND HAKEN AUS ROSTFREIEM STAHL — 212

A4 **TENSOR GANCHO - GANCHO INOXIDABLE A-4**
STAINLESS STEEL AISI 316 TURNBUCKLES WITH TWO HOOKS / RIDOIRS À DEUX CROCHETS EN ACIER INOX. A-4
SPANNSCHLÖSSER MIT ZWEI HAKEN AUS ROSTFREIEM STAHL — 212

A4 **TERMINAL PRENSBLE HORQUILLA INOXIDABLE A-4**
STAINLESS STEEL AISI 316 FORK TERMINALS / EMBOUTS À CHAPE A SERTIR EN ACIER INOX. A-4
GESCHWEISSTE GABELTERMINALS ZUM WALZEN AUS ROSTFREIEM STAHL — 213

A4 **TERMINAL PRENSABLE OJO INOXIDABLE A-4**
STAINLESS STEEL AISI 316 EYE TERMINAL / EMBOUTS À OEIL A SERTIR EN ACIER INOX. A-4 / AUGENTERMINALS ZUM WALZEN AUS ROSTFREIEM STAHL — 213

A4 **TERMINAL PRENSABLE INOXIDABLE A-4**
STAINLESS STEEL AISI 316 SWAGE STUDS / EMBOUTS À SERTIR EN ACIER INOX. A-4 / TERMINAL ZUM WALZEN AUS ROSTFREIEM STAHL — 213

A4 **SUJETACABLES DIN 741 INOXIDABLE A-4**
STAINLESS STEEL AISI 316 WIRE ROPE CLIPS / SERRE-CABLES À ÉTRIER EN ACIER INOX. A-4 / DRAHTSEILKLEMMEN AUS ROSTFREIEM STAHL — 214

A4 **GUARDACABOS INOXIDABLE A-4**
STAINLESS STEEL AISI 316 THIMBLES / COSSES COEUR EN ACIER INOX. A-4 / KAUSCHEN AUS ROSTFREIEM STAHL — 214

A4 **PRENSACABLES INOXIDABLE A-4 SIMPLE / DOBLE**
STAINLESS STEEL AISI 316 SIMPLEX / DUPLEX WIRE ROPE CLIPS / SERRE-CABLES SIMPLEX / DUPLEX EN ACIER INOX. A-4
SIMPLEX / DUPLEX DRAHTSEILKLEMMEN AUS ROSTFREIEM STAHL — 215

A4 **GANCHO "S" INOXIDABLE A-4**
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PRENSA HIDRÁULICA DE 12 Tn
12 Tn HYDRAULIC CRIMPING PLIER / PRESSE HYDRAULIQUE - 12 Tn / HYDRAULISCHE PRESSZANGE - 12 Tn — 216

ALICATES PICO DE LORO
WIRE ROPE CUTTER / CISAILLE POUR CÂBLE / DRAHTSEILSCHERE — 216

A4 **CADENA DIN 766 INOXIDABLE A4**
STAINLESS STEEL AISI 316 CHAIN DIN 766 / CHAÎNE DIN 766 EN ACIER INOXIDABLE A4 / KETTE DIN 766 EDELSTAHL A4 — 216

A4 **MOSQUETÓN GRILLETE GIRATORIO INOXIDABLE A-4**
STAINLESS STEEL AISI 316 SWIVEL SNAP SHACKLES / MOUSQUETONS DE DRISSE À EMERILLON EN ACIER INOX. A-4
KARABINERHAKEN MIT WIRBEL AUS ROSTFREIEM STAHL — 217

A4 **MOSQUETÓN GANCHO INOXIDABLE A-4**
STAINLESS STEEL AISI 316 SPRING SNAPS / MOUSQUETONS À RESORT EN ACIER INOX. A-4 / KARABINERHAKEN AUS ROSTFREIEM STAHL — 217

A4 **MALLA RÁPIDA INOXIDABLE A-4**
STAINLESS STEEL AISI 316 QUICK LINKS / MAILLONS RAPIDES EN ACIER INOX. A-4 / KETTENGLIED AUS ROSTFREIEM STAHL — 217

A4 **MOSQUETÓN BOMBERO INOXIDABLE A-4**
STAINLESS STEEL AISI 316 SNAP HOOKS / MOUSQUETONS EN ACIER INOX. A-4 / KARABINERHAKEN AUS ROSTFREIEM STAHL — 218

A4 **MOSQUETÓN BOMBERO CON SEGURO INOXIDABLE A-4**
SS. AISI 316 SNAP HOOKS WITH SAFETY SCREW / MOUSQUETONS À VIS DE SECURITÉ EN ACIER INOX. A-4 / KARABINERHAKEN MIT SCHRAUBSICHERUNG — 218

NAÚTICA / *STAINLESS STEEL FITTINGS / FIXATIONS DE LEVAGE EN INOX / EDELSTAHLBESCHLÄGE*

A4	**MOSQUETÓN ASIMÉTRICO INOXIDABLE A-4** *STAINLESS STEEL AISI 316 ASYMETRICAL SNAP HOOKS / MOUSQUETONS ASYMETRIQUES EN ACIER INOX. A-4* *ASYMMETRISCHE KARABINERHAKEN AUS EDELSTAHL*	218
A4	**GRILLETE TORCIDO INOXIDABLE A-4** *STAINLESS STEEL AISI 316 TWISTED SHACKLES / MANILLES TORSÉES EN ACIER INOX. A-4 / GEDREHTE SCHÄKEL AUS ROSTFREIEM STAHL*	219
A4	**GRILLETE GIRATORIO HORQUILLAS INOXIDABLE A-4** *STAINLESS STEEL AISI 316 JAW & JAW SWIVELS / EMERILLONS AVEC DEUX MANILLES EN ACIER INOX. A-4 / WIRBEL GABEL-GABEL AUS ROSTFREIEM STAHL*	219
A4	**GRILLETE GIRATORIO INOXIDABLE A-4** *STAINLESS STEEL AISI 316 SWIVELS / EMERILLONS EN ACIER INOX. A-4 / WIRBEL AUS ROSTFREIEM STAHL*	219
A4	**GRILLETE RECTO INOXIDABLE A-4** *STAINLESS STEEL AISI 316 "D" SHACKLES / MANILLES DROITES EN ACIER INOX. A-4 / GERADE SCHÄKEL AUS ROSTFREIEM STAHL*	220
A4	**GRILLETE LIRA INOXIDABLE A-4** *STAINLESS STEEL AISI 316 BOW SHACKLES / MANILLES LYRE EN ACIER INOX. A-4 / GESCHWEIFTE SCHÄKEL AUS ROSTFREIEM STAHL*	220
A4	**ANILLA DE ELEVACIÓN DIN 580 / 582 INOXIDABLE A-4** *STAINLESS STEEL AISI 316 LIFTING BOLTS DIN 580 / 582 / ANNEAU DE LEVAGE DIN 580 / 582 EN ACIER INOX. A-4* *RINGS DIN 580 / 582 AUS ROSTFREIEM STAHL*	221
A4	**BULÓN OJO CON TUERCA Y ARANDELA INOXIDABLE A-4** *STAINLESS STEEL AISI 316 EYE BOLTS WITH NUT & WASHER / PITONS À OEIL AVEC ÉCROU ET RONDELLE EN ACIER INOX. A-4* *AUGENBOLZEN MIT FESTER ÖSE AUS ROSTFREIEM STAHL*	221

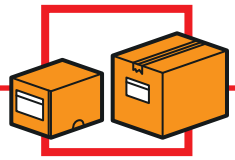
EXPOSITORES / *DISPLAYS / AFFICHAGE / DISPLAYS*

222-223

MATERIAL DISPONIBLE EN 3 FORMATOS:

MATERIAL AVAILABLE IN 3 FORMATS / MATÉRIEL DISPONIBLE EN 3 FORMATS / MATERIAL IN 3 FORMATEN VERFÜGBAR

CAJA
BOX / BOÎTE / KASSE



CAJA / *BOX / BOÎTE* — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
7505AB30012	**3x12**	1.000	12.000
7505AB30016	**3x16**	1.000	12.000
7505AB30020	**3x20**	1.000	10.000
7505AB30025	**3x25**	1.000	10.000
7505AB30030	**3x30**	1.000	8.000
7505AB35016	**3,5x16**	1.000	8.000
7505AB35020	**3,5x20**	1.000	8.000

BLISTER
BLISTER / BLISTER / BLISTER

BLISTER — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
B7505AB30012	**3x12**	40	20
B7505AB30016	**3x16**	40	20
B7505AB30020	**3x20**	40	20
B7505AB30025	**3x25**	40	20
B7505AB30030	**3x30**	40	20
B7505AB35016	**3,5x16**	40	20
B7505AB35020	**3,5x20**	40	20

AUTOSERVICIO
SELF-SERVICE / SELBSTBEDIENUNG

AUTOSERVICIO — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BF7505A30016	**3x16**	200	12
BF7505A30020	**3x20**	200	12
BF7505A30025	**3x25**	200	12
BF7505A30030	**3x30**	200	12
BF7505A30040	**3x40**	200	12
BF7505A35016	**3,5x16**	200	12
BF7505A35020	**3,5x20**	200	12

TARIFA DE PRECIOS Y CONDICIONES GENERALES DE VENTA

Las condiciones de venta detalladas son reconocidas y aceptadas por el comprador en el momento de concertarse el convenio de compra. El comprador acepta las mismas por el mero hecho de enviar o confirmar los pedidos efectuados a LUSAN FIJACIONES Y ANCLAJES S.L.

CONDICIONES DE PAGO
- Según Ley de Morosidad 15/2010 de entrada en vigor en 5 de Julio de 2010.
- Los documentos de pago (pagarés) deberán ser remitidos en un plazo máximo de 15 días después de recibir la factura.

PEDIDO MÍNIMO
- No se aceptarán pedidos inferiores a 60 euros.
- Todo pedido inferior a dicho importe tendrá un recargo de 6 euros.

DEVOLUCIONES
- No se acepta devolución de piezas especiales ni medidas fuera de catálogo.
- No se admitirán reclamaciones de material una vez transcurridos 15 días desde la entrega del mismo.
- No se admitirán devoluciones de material sin previo aviso y consentimiento por nuestra parte.
- Toda devolución por causa ajena a la empresa será a portes pagados por el cliente, aplicándose un 15% por gastos de gestión.

PORTES
Los portes serán pagados a partir de:

- Barcelona y su provincia:	**150€**
- Cataluña:	**200€**
- Resto de la península:	**350€**
- Baleares:	**600€**
- Islas Canarias:	**1.200€**

PIEZAS ESPECIALES
- No se aceptan devoluciones de piezas especiales ni medidas fuera de catálogo.
- Plazos de entrega: Días laborables y en nuestro almacén.
- Las piezas especiales se suministran con un +/- 10% sobre la cantidad ofertada.
- El suministro quedará supeditado a la concesión de riesgo por parte de CYC.

EMBALAJES
Según norma vigente.

PRICE LIST AND GENERAL TERMS OF SALE

Detailed terms of sale are recognized and accepted by the buyer at the time of conclusion of the purchase agreement. The buyer accepts the terms of sale by the mere act of sending or confirming the orders effected to LUSAN FIJACIONES Y ANCLAJES S.L.

PAYMENT CONDITIONS
- According Delinquency Act 15/2010 of entry into force on July 5, 2010.
- Payment documents (promissory notes) should be submitted within 15 days after receiving the invoice.

MINIMUM ORDER
- Orders lower than 60 Euros will not be accepted
- Any order lower than 60 Euros will have a surcharge of 6 Euros.

RETURNS
- Neither are accepted returns of special pieces or measures out of catalogue.
- Claims of material will not be admitted once passed 15 days from the delivery of the material.
- Returns of material will not be admitted without previous notice and without consent from LUSAN FIJACIONES Y ANCLAJES S.L.
- All returns for reasons beyond the company will be freight prepaid by the customer, applying a 15% handling fee.

FREIGHT
The freight will be paid from:

- Barcelona and its province:	**150€**
- Catalonia:	**200€**
- Rest of the peninsula:	**350€**
- Baleares:	**600€**
- Canarias Islands:	**1.200€**

SPECIAL PIECES
- No refunds of special pieces out of catalog or measures are accepted.
- Delivery: working days and in our warehouse.
- The pieces are avaible with +/- 10% of the offered amount.
- The supply shall be subject to the granting of risk by CYC.

PACKAGING
According to current regulations.

LISTE DE PRIX ET CONDITIONS GÉNÉRALES DE VENTE

Terme détaillée de la vente sont reconnus et acceptés par l'acheteur au moment de la conclusion de l'accord d'achat. L'acheteur accepte la durée de la vente par le simple fait d'envoyer ou de confirmer les commandes effectuées à LUSAN FIJACIONES Y ANCLAJES S.L.

CONDITIONS DE PAIEMENT
- Selon la Loi de la délinquance 15/2010 de l'entrée en vigueur le 5 Juillet 2010.
- Les documents de paiement (de billets à ordre) doivent être présentés dans les 15 jours après réception de la facture.

COMMANDE MINIMUM
- Les commandes inférieures à 60 euros ne seront pas acceptées
- Toute commande inférieure à 60 euros aura un supplément de 6 euros.

RETOURS
- Ni sont acceptés les retours de pièces spéciales sur catalogue ou mesures.
- Les revendications de matériaux ne seront pas transmises onze ADMIS 15 jours de la livraison du matériel.
- Les retours d'articles ne seront pas admis sans préavis et sans le consentement de LUSAN FIJACIONES Y ANCLAJES S.L.
- Tous les retours pour des raisons indépendantes de la société seront en port payé par le client, application d'une taxe de traitement de 15%.

FRET
Le fret sera payé à partir de:

- Barcelone et sa province:	**150€**
- Catalogne:	**200€**
- Reste de la péninsule:	**350€**
- Baleares:	**600€**
- Îles Canaries:	**1.200€**

PRODUITS SPÉCIAUX
- Nous n'accpetons pas de retour de produits spéciaux ni de dimensions hors catalogue.
- Délais de livraison: jours ouvrable et dans notre entrepôt.
- Les produits spéciaux seront livrés avec une tolérance de +/- 10% sur la quantité offerte.
- L'offre sera soumiise à l'octroi de garantie par CYC.

EMBALLAGE
Selon la réglementation en vigueur.

PREISLISTE UND ALLGEMEINE VERKAUFSTERMIN

Detaillierte Verkaufstermin erkannt und zum Zeitpunkt der Feststellung des Kaufvertrages durch den Käufer akzeptiert. Der Käufer übernimmt den Begriff des Verkaufs durch den bloßen Akt der Versand oder der Bestätigung der Bestellung zu LUSAN FIJACIONES Y ANCLAJES S.L.

ZAHLUNGSBEDINGUNGEN
- Nach Kriminalität Gesetz 15 /2010 vom Inkrafttreten am 5. Juli , 2010.
- Zahlungsdokumente (Schuldscheindarlehen) sollte innerhalb von 15 Tagen nach Erhalt der Rechnung vorgelegt werden.

MINDESTBESTELL
- Bestellungen unter 60 Euro werden nicht akzeptiert.
- Jede Bestellung unter 60 Euro wird eine Gebühr von 6 Euro.

RETOUREN
- Weder sind Renditen von Spezialteilen aus Katalog oder Maßnahmen akzeptiert.
- Ansprüche von Materialien wird nicht weitergegeben werden elf zugelassen 15 Tagen ab der Lieferung des Materials.
- Versandkosten der Einzelteile wird nicht ohne vorherige Ankündigung und ohne Zustimmung von LUSAN FIJACIONES Y ANCLAJES S.L. zugelassen werden.
- Alle Rückkehr aus Gründen, die Unternehmen wird Fracht vom Kunden im Voraus bezahlt werden, Auftragen 15% Bearbeitungsgebühr.

GÜTER
Die Fracht wird von zu zahlen:

- Barcelona und seiner Provinz:	**150€**
- Katalonien:	**200€**
- Rest der Halbinsel:	**350€**
- Balearen:	**600€**
- Inseln Canarias:	**1.200€**

SONDERTEILEN
- Es werden keine Rücksendungen von Sonderteilen noch Abmessungen ausserhalb des Katalogs akzeptiert.
- Lieferzeiten: Werktags in unserem Large.
- Bei Sonderteilen behalten wir uns eine 10% -ige Über -oder Unterlieferung der angebotenen Menge vor.
- Voraussetzung für die Lieferung ist eine Konzession des Risikos durch CYC.

VERPACKUNG
Nach den aktuellen Vorschriften.

FIXBOLT TORNILLO 8.8 - CE OPCIÓN 12

SLEEVE ANCHOR WITH HEX. HEAD SCREW 8.8 GRADE - CE OP.12
CHEVILLE À DOUILLE AVEC VIS TÊTE HEXAGONALE CLASSE 8.8 - CE OP.12
HÜLSENANKER MIT SECHSKANTSCHRAUBE KLASSE 8.8 - CE OP.12

FTOP12 MED. ESP.

CERTIFICACIÓN CE

DdP nº 1219-CPR-0061
ETAG 001-1 Opt.12 - ETE 12/0097

CAJA / *BOX / BOÎTE* — *CE OP.12* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	*CT. Extracción *tension load / extraction* kN	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FT08C	**M6x45/Ø8**	10	15	2,4	4,3	50	100	1.200
FT08L	**M6x60/Ø8**	10	15	2,4	4,3	50	100	1.200
FT10C	**M8x60/Ø10**	13	25	4,3	6,9	65	100	600
FT10L	**M8x80/Ø10**	13	25	4,3	6,9	65	100	600
FT12C	**M10x70/Ø12**	17	35	5,7	11,4	75	50	300
FT12L	**M10x100/Ø12**	17	35	5,7	11,4	75	50	300
FT16C	**M12x80/Ø16**	19	50	7,6	16,6	85	50	300
FT16L	**M12x110/Ø16**	19	50	7,6	16,6	85	25	150
FT20C	**M16x110/Ø20**	24	80	11,5	34,3	115	25	150
FT20L	**M16x140/Ø20**	24	80	11,5	34,3	115	25	150

CAJA / *BOX / BOÎTE* — **MEDIDAS ESPECIALES** / *SPECIAL MEASURES / MESURES SPÉCIALES* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FT08080	**M6x80/Ø8**	10	15	[1]2,4	[1]4,3	50	100	600
FT08100	**M6x100/Ø8**	10	15	[1]2,4	[1]4,3	50	100	600
FT11C	**M8x60/Ø11**	13	25	[1]4,3	[1]6,9	65	100	600
FT11L	**M8x80/Ø11**	13	25	[1]4,3	[1]6,9	65	100	600
FT10100	**M8x100/Ø10**	13	25	[1]4,3	[1]6,9	65	50	300
FT10120	**M8x120/Ø10**	13	25	[1]4,3	[1]6,9	65	50	300
FT10140	**M8x140/Ø10**	13	25	[1]4,3	[1]6,9	65	50	300
FT14C	**M10x70/Ø14**	17	35	[1]5,7	[1]11,4	75	50	300
FT14L	**M10x100/Ø14**	17	35	[1]5,7	[1]11,4	75	50	300
FT12120	**M10x120/Ø12**	17	35	[1]5,7	[1]11,4	75	50	300
FT12140	**M10x140/Ø12**	17	35	[1]5,7	[1]11,4	75	50	300

[1] *Valores pendientes / Pending values / Valeurs de pente*

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFT08C	**M6x45/Ø8**	20	12
BFFT08L	**M6x60/Ø8**	15	12
BFFT10C	**M8x60/Ø10**	8	12
BFFT10L	**M8x80/Ø10**	8	12
BFFT12C	**M10x70/Ø12**	6	12
BFFT12L	**M10x100/Ø12**	5	12
BFFT16C	**M12x80/Ø16**	4	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFT08C	**M6x45/Ø8**	2	15
BFT08L	**M6x60/Ø8**	2	15
BFT10C	**M8x60/Ø10**	2	15
BFT10L	**M8x80/Ø10**	2	15
BFT12C	**M10x70/Ø12**	2	15
BFT12L	**M10x100/Ø12**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, PA.: Par de apriete. / CT.: Service load, PA.: Torque / CT.: Charge de travail, PA.: Couple de serrage / CT.: Dienstbelastung, PA.: Anzugsdrehmoment.

FIXBOLT TORNILLO INOXIDABLE A-2

SLEEVE ANCHOR WITH HEX. HEAD SCREW - STAINLESS STEEL AISI 304
CHEVILLE À DOUILLE AVEC VIS TÊTE HEXAGONALE EN ACIER INOX. A-2
HÜLSENANKER MIT SECHSKANTSCHRAUBE - EDELSTAHL A-2

CAJA / *BOX / BOÎTE*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FT208C	**M6x45/Ø8**	10	10	2,77	3,50	50	100	1.200
FT208L	**M6x60/Ø8**	10	10	2,77	3,50	50	100	1.200
FT210C	**M8x60/Ø10**	13	25	5,00	6,96	65	100	600
FT211C	**M8x60/Ø11**	13	25	5,00	6,96	65	100	600
FT210L	**M8x80/Ø10**	13	25	5,00	6,96	65	100	600
FT211L	**M8x80/Ø11**	13	25	5,00	6,96	65	100	600
FT212C	**M10x70/Ø12**	17	35	6,00	8,50	75	50	300
FT214C	**M10x70/Ø14**	17	35	6,00	8,50	75	50	300
FT212L	**M10x100/Ø12**	17	35	6,00	8,50	75	50	300
FT214L	**M10x100/Ø14**	17	35	6,00	8,50	75	50	300
FT216C	**M12x80/Ø16**	19	50	8,00	11,88	85	25	150
FT216L	**M12x110/Ø16**	19	50	8,00	11,88	85	25	150
FT220C	**M16x110/Ø20**	24	80	11,11	16,40	115	10	120
FT220L	**M16x140/Ø20**	24	80	11,11	16,40	115	10	60

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFT208C	**M6x45/Ø8**	12	12
BFFT208L	**M6x60/Ø8**	10	12
BFFT210C	**M8x60/Ø10**	6	12
BFFT210L	**M8x80/Ø10**	6	12
BFFT212C	**M10x70/Ø12**	4	12
BFFT212L	**M10x100/Ø12**	4	12

BLISTER / *BLISTER / BLISTER*

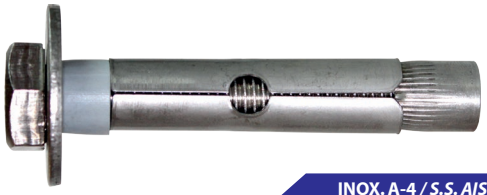
INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFT208C	**M6x45/Ø8**	2	15
BFT208L	**M6x60/Ø8**	2	15
BFT210C	**M8x60/Ø10**	2	15
BFT210L	**M8x80/Ø10**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

FIXBOLT TORNILLO INOXIDABLE A-4 [1]

SLEEVE ANCHOR WITH HEX. HEAD SCREW - STAINLESS STEEL AISI 316
CHEVILLE À DOUILLE AVEC VIS TÊTE HEXAGONALE EN ACIER INOX. A-4
HÜLSENANKER MIT SECHSKANTSCHRAUBE - EDELSTAHL A-4



CAJA / *BOX / BOÎTE*

INOX. A-4 / S.S. *AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FT408C	**M6x45/Ø8**	10	10	2,77	3,50	50	100	1.200
FT408L	**M6x60/Ø8**	10	10	2,77	3,50	50	100	1.200
FT410C	**M8x60/Ø10**	13	25	5,00	6,96	65	100	600
FT411C	**M8x60/Ø11**	13	25	5,00	6,96	65	100	600
FT410L	**M8x80/Ø10**	13	25	5,00	6,96	65	100	600
FT411L	**M8x80/Ø11**	13	25	5,00	6,96	65	100	600
FT412C	**M10x70/Ø12**	17	35	6,00	8,50	75	50	300
FT414C	**M10x70/Ø14**	17	35	6,00	8,50	75	50	300
FT412L	**M10x100/Ø12**	17	35	6,00	8,50	75	50	300
FT414L	**M10x100/Ø14**	17	35	6,00	8,50	75	50	300
FT416C	**M12x80/Ø16**	19	50	8,00	11,88	85	25	150
FT416L	**M12x110/Ø16**	19	50	8,00	11,88	85	25	150
FT420C	**M16x110/Ø20**	24	80	11,11	16,40	115	10	120
FT420L	**M16x140/Ø20**	24	80	11,11	16,40	115	10	60

[1] Tuerca y camisa en acero inoxidable A-2 / Body and nut made of stainless steel AISI 304 / Corps et écrou en acier inoxydable A-2 / Körper und Mutter aus Edelstahl A-2

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

FIXBOLT TORNILLO DIN 7991 10.9

SLEEVE ANCHOR WITH SCREW DIN 7991 10.9
CHEVILLE À DOUILLE AVEC VIS DIN 7991 10.9
HÜLSENANKER MIT SCHRAUBE DIN 7991 10.9

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FT108C	**M6x45/Ø8**	4	10	2,77	3,50	50	100	600
FT108L	**M6x60/Ø8**	4	10	2,77	3,50	50	100	600
FT110C	**M8x60/Ø10**	5	25	5,00	6,90	65	100	600
FT111C	**M8x60/Ø11**	5	25	5,00	6,90	65	100	600
FT110L	**M8x80/Ø10**	5	25	5,00	6,90	65	100	600
FT111L	**M8x80/Ø11**	5	25	5,00	6,90	65	100	600
FT112C	**M10x70/Ø12**	6	35	6,00	8,50	75	50	300
FT112L	**M10x100/Ø12**	6	35	6,00	8,50	75	50	300

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFT108C	**M6x45/Ø8**	12	12
BFFT108L	**M6x60/Ø8**	12	12
BFFT110C	**M8x60/Ø10**	8	12
BFFT110L	**M8x80/Ø10**	8	12
BFFT112C	**M10x70/Ø12**	6	12
BFFT112L	**M10x100/Ø12**	4	12

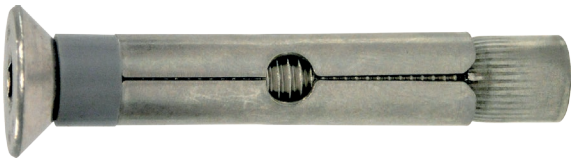
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFT108C	**M6x45/Ø8**	2	15
BFT108L	**M6x60/Ø8**	2	15
BFT110C	**M8x60/Ø10**	2	15
BFT110L	**M8x80/Ø10**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG***

FIXBOLT TORNILLO DIN 7991 INOXIDABLE A-2

SLEEVE ANCHOR WITH SCREW DIN 7991 - S.S. AISI 304
CHEVILLE À DOUILLE AVEC VIS DIN 7991 - ACIER INOX. A-2
HÜLSENANKER MIT SCHRAUBE DIN 7991 - EDELSTAHL A-2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FT1208C	**M6x45/Ø8**	4	10	2,77	3,50	50	100	600
FT1208L	**M6x60/Ø8**	4	10	2,77	3,50	50	100	600
FT1210C	**M8x60/Ø10**	5	25	5,00	6,90	65	100	600
FT1210L	**M8x80/Ø10**	5	25	5,00	6,90	65	100	600
FT1212C	**M10x70/Ø12**	6	35	6,00	8,50	75	50	300
FT1212L	**M10x100/Ø12**	6	35	6,00	8,50	75	50	300

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFT1208C	**M6x45/Ø8**	12	12
BFFT1208L	**M6x60/Ø8**	12	12
BFFT1210C	**M8x60/Ø10**	8	12
BFFT1210L	**M8x80/Ø10**	6	12
BFFT1212C	**M10x70/Ø12**	6	12
BFFT1212L	**M10x100/Ø12**	4	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / S.S. *AISI 304***

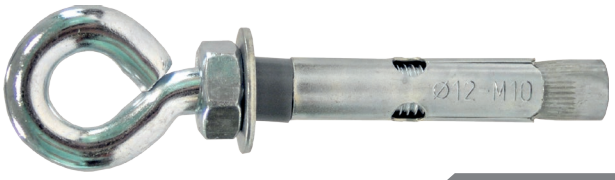
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFT1208C	**M6x45/Ø8**	2	15
BFT1208L	**M6x60/Ø8**	2	15
BFT1210C	**M8x60/Ø10**	2	15
BFT1210L	**M8x80/Ø10**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG***

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

FIXBOLT ARO

SLEEVE ANCHOR EYE
CHEVILLE À DOUILLE AVEC PITON
HÜLSENANKER MIT AUGENSCHRAUBE



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø INT. *Ø Int. / Ø Int.* m.m. (±1)	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FA08C	**M6x45/Ø8**	12	10	10	0,70	50	100	600
FA10C	**M8x60/Ø10**	16	13	25	1,45	65	50	300
FA11C	**M8x60/Ø11**	16	13	25	1,45	65	50	300
FA12C	**M10x70/Ø12**	19	17	35	2,50	75	25	150
FA14C	**M10x70/Ø14**	19	17	35	2,50	75	25	150
FA16C	**M12x80/Ø16**	22	19	50	3,10	85	20	120

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFA08C	**M6x45/Ø8**	10	12
BFFA10C	**M8x60/Ø10**	5	12
BFFA12C	**M10x70/Ø12**	3	12

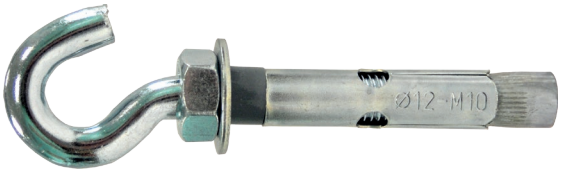
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFA08C	**M6x45/Ø8**	2	15
BFA10C	**M8x60/Ø10**	2	15
BFA12C	**M10x70/Ø12**	2	10

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

FIXBOLT GANCHO

SLEEVE ANCHOR HOOK
CHEVILLE À DOUILLE AVEC CROCHET
HÜLSENANKER MIT HAKEN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FG08C	**M6x45/Ø8**	10	10	0,70	50	100	600
FG10C	**M8x60/Ø10**	13	25	1,45	65	50	300
FG11C	**M8x60/Ø11**	13	25	1,45	65	50	300
FG12C	**M10x70/Ø12**	17	35	2,50	75	25	150
FG14C	**M10x70/Ø14**	17	35	2,50	75	25	150
FG16C	**M12x80/Ø16**	19	50	3,10	85	20	120

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFG08C	**M6x45/Ø8**	10	12
BFFG10C	**M8x60/Ø10**	5	12
BFFG12C	**M10x70/Ø12**	3	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFG08C	**M6x45/Ø8**	2	15
BFG10C	**M8x60/Ø10**	2	15
BFG12C	**M10x70/Ø12**	2	10

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

FIXBOLT ARO INOXIDABLE A-2

SLEEVE ANCHOR EYE - STAINLESS STEEL AISI 304
CHEVILLE À DOUILLE AVEC PITON - ACIER INOX. A-2
HÜLSENANKER MIT AUGENSCHRAUBE - EDELSTAHL A-2

CAJA / *BOX / BOÎTE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø INT. *Ø Int. / Ø Int.* m.m.	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FA208C	**M6x45/Ø8**	10,0	10	10	2,77	50	100	600
FA210C	**M8x60/Ø10**	11,0	13	25	5,00	65	50	300
FA211C	**M8x60/Ø11**	11,0	13	25	5,00	65	50	300
FA212C	**M10x70/Ø12**	14,0	17	35	6,00	75	25	150
FA214C	**M10x70/Ø14**	14,0	17	35	6,00	75	25	150
FA216C	**M12x80/Ø16**	16,0	19	50	8,00	85	20	120

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFA208C	**M6x45/Ø8**	4	12
BFFA210C	**M8x60/Ø10**	2	12
BFFA212C	**M10x70/Ø12**	2	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFA208C	**M6x45/Ø8**	2	15
BFA210C	**M8x60/Ø10**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

FIXBOLT GANCHO INOXIDABLE A-2

SLEEVE ANCHOR HOOK - STAINLESS STEEL AISI 304
CHEVILLE À DOUILLE AVEC CROCHET - ACIER INOX. A-2
HÜLSENANKER HAKEN - EDELSTAHL A-2

CAJA / *BOX / BOÎTE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FG208C	**M6x45/Ø8**	10	10	0,90	50	100	600
FG210C	**M8x60/Ø10**	13	25	1,60	65	50	300
FG211C	**M8x60/Ø11**	13	25	1,60	65	50	300
FG212C	**M10x70/Ø12**	17	35	2,90	75	25	150
FG214C	**M10x70/Ø14**	17	35	2,90	75	25	150
FG216C	**M12x80/Ø16**	19	50	4,00	85	20	120

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFG208C	**M6x45/Ø8**	4	12
BFFG210C	**M8x60/Ø10**	2	12
BFFG212C	**M10x70/Ø12**	2	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / S.S. *AISI 304***

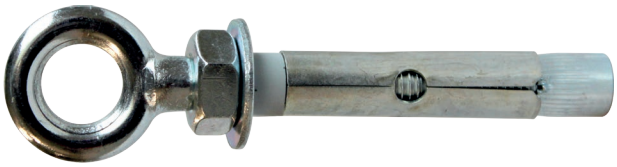
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFG208C	**M6x45/Ø8**	2	15
BFG210C	**M8x60/Ø10**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

FIXBOLT ARO ESTAMPADO

FORGED SLEEVE ANCHOR EYE
CHEVILLE À DOUILLE AVEC PITON FORGÉ
HÜLSENANKER MIT GESCHMIEDETE AUGENSCHRAUBE



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø INT. *Ø Int. / Ø Int.* m.m.	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FAE08C	**M6x45/Ø8**	10,0	10	10	2,77	50	100	600
FAE10C	**M8x60/Ø10**	11,8	13	25	5,00	65	50	300
FAE12C	**M10x70/Ø12**	14,0	17	35	6,00	75	25	150
FAE16C	**M12x80/Ø16**	16,5	19	50	8,00	85	20	120

FIXBOLT GANCHO ESTAMPADO

FORGED SLEEVE ANCHOR HOOK
CHEVILLE À DOUILLE AVEC CROCHET FORGÉ
HÜLSENANKER MIT GESCHMIEDETE HAKEN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FGE08C	**M6x45/Ø8**	10	10	0,90	50	100	600
FGE10C	**M8x60/Ø10**	13	25	1,60	65	50	300
FGE12C	**M10x70/Ø12**	17	35	2,90	75	25	150
FGE16C	**M12x80/Ø16**	19	50	4,00	85	20	120

FIXBOLT TORNILLO 8.8 INVIOLABLE TX

SLEEVE ANCHOR WITH MUSHROOM TX HEAD SCREW 8.8 GRADE (ANTI-THEFT)
CHEVILLE À DOUILLE AVEC VIS TÊTE RONDE TX 8.8 (CACHE-TÊTE INAMOVIBLE)
HÜLSENANKER MIT RUNDKOPFSCHRAUBE TX 8.8 (INNENSECHSRUND)

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* TX	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
FTIT10C	**M8x60/Ø10**	T-40	25	5,00	6,90	65	100	600
FTIT10L	**M8x80/Ø10**	T-40	25	5,00	6,90	65	100	600

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFFTIT10C	**M8x60/Ø10**	8	12
BFFTIT10L	**M8x80/Ø10**	8	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFTIT10C	**M8x60/Ø10**	2	12
BFTIT10L	**M8x80/Ø10**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

ANCLAJE TORNILLO GRANDES CARGAS SZ1 - CE OPCIÓN 1

HIGHLOADS STEEL ANCHOR GRADE 8.8 - CE OPT.1
CHEVILLE POUR CHARGES LOURDES CLASSE 8.8 - CE OP.1
SCHWERLASTANKER KLASSE 8.8 - OPT.1

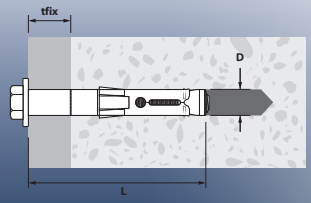
Nm ZN R-120 SEISMIC FIXING C1-C2 ETA

CERTIFICACIÓN CE

ETA CE 10
DdP nº 1109-BRP-0057
ETA 10/0060 - Opción 1

Tecfi Fixing Systems

LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL



CAJA / *BOX / BOÎTE* — *CE OP.1* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	*CT. Extracción *tension load / extraction* kN	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SZ112080	**M8x80/Ø12**	13	30	10	7,6	12,3	90	50	250
SZ112100	**M8x100/Ø12**	13	30	30	7,6	12,3	90	25	250
SZ112120	**M8x120/Ø12**	13	30	50	7,6	12,3	90	25	250
SZ112140	**M8x140/Ø12**	13	30	70	7,6	12,3	90	25	250
SZ116100	**M10x100/Ø16**	17	50	20	9,5	21,0	100	20	100
SZ116120	**M10x120/Ø16**	17	50	40	9,5	21,0	100	20	100
SZ116140	**M10x140/Ø16**	17	50	60	9,5	21,0	100	20	100
SZ116160	**M10x160/Ø16**	17	50	80	9,5	21,0	100	20	100
SZ118120	**M12x120/Ø18**	19	100	20	16,7	23,3	120	10	100
SZ118150	**M12x150/Ø18**	19	100	50	16,7	23,3	120	10	50
SZ118170	**M12x170/Ø18**	19	100	70	16,7	23,3	120	10	50
SZ118200	**M12x200/Ø18**	19	100	100	16,7	23,3	120	10	50
SZ124140	**M16x140/Ø24**	24	160	20	21,4	52,5	140	5	25
SZ124170	**M16x170/Ø24**	24	160	50	21,4	52,5	140	5	25
SZ124200	**M16x200/Ø24**	24	160	80	21,4	52,5	140	5	25
SZ124220	**M16x220/Ø24**	24	160	100	21,4	52,5	140	5	25

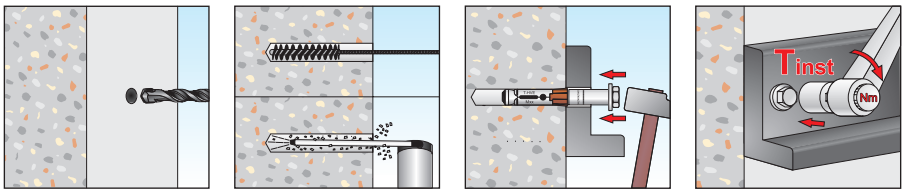
CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES

- Tornillo clase 8.8 (ISO 898-1) y arandela de espesor y dureza especiales.
- Acero cincado exento de CrVI (conforme ROHS).
- Para fijaciones extra pesadas en hormigón fisurado y no fisurado de clase de resistencia min C20/25 y max C50/60, según la Evaluación Técnica Europea.
- Categoría de prestación C1 a C2 para fijaciones en zonas sísmicas,según el ETAG 001 - ANNEX E.
- Resistencia al fuego R30-R120 según el Technical Report TR 020.
- Fijación pasante.
- Seguridad en el empleo gracias a la aplicación del par de apriete.
- Tiempo de espera nulo para la aplicación de la carga.
- Utilizable también en hormigón de clase inferior a C20/25 y piedra natural maciza (ambas las excepciones no están incluidas en el ETA y, por lo tanto, necesitan de ensayos específicos).
- Verificación de la fijación asistida por la computadora con TADS.

CHARACTERISTICS, ADVANTAGES AND APPROVALS

- Screw 8.8 grade (ISO 898-1) and special grade large washer.
- CrVI free Zinc Plated (in compliance with ROHS).
- For heavy duty fixings in cracked and non-cracked concrete of strength class min.C20/25 and max C50/60, according to European Technical Assessment.
- Performance Category C1 to C2 for use under seismic action, according to ETAG 001 - ANNEX E.
- Fire resistance R30-R120 according to Technical Report TR 020.
- Through fixing (in-place anchorage).
- Safety installation thanks to the required setting torque (to be controlled with calibrated torque wrench).
- Waiting time for loading after installation is not required.
- Also suitable for lower than C20/25 concrete, or for heavy masonry or stones (all the above mentioned cases are NOT covered by ETA, so special tests are required before the installation).
- Item included in TADS for computer aided design of anchorage.

INSTALACIÓN / *INSTALLATION*



** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, PA.: Par de apriete. / CT.: Service load, PA.: Torque / CT.: Charge de travail, PA.: Couple de serrage / CT.: Dienstbelastung, PA.: Anzugsdrehmoment.

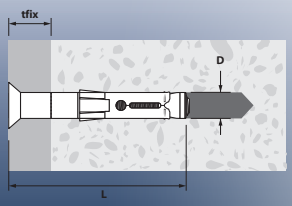
ANCLAJE TORNILLO GRANDES CARGAS SZV1 AVELLANADO - CE OPCIÓN 1

COUNTERSUNK HIGHLOADS STEEL ANCHOR GRADE 8.8 - CE OPT.1
CHEVILLE POUR CHARGES LOURDES CLASSE 8.8 - CE OP.1
SCHWERLASTANKER KLASSE 8.8 - OPT.1

CERTIFICACIÓN CE
DdP nº 1109-BRP-0057
ETA 10/0060 - Opción 1

Tecfi Fixing Systems

LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL



CAJA / *BOX / BOÎTE*

CE OP.1 — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* S	PA. Nm	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	*CT. Extracción *tension load / extraction* kN	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SZV110085	**M6x85/Ø10**	4	15	20	7,6	7,7	80	50	500
SZV110105	**M6x105/Ø10**	4	15	40	7,6	7,7	80	50	500
SZV110125	**M6x125/Ø10**	4	15	60	7,6	7,7	80	50	250
SZV112085	**M8x85/Ø12**	5	30	15	7,6	12,3	90	50	250
SZV112105	**M8x105/Ø12**	5	30	35	7,6	12,3	90	25	250
SZV112125	**M8x125/Ø12**	5	30	55	7,6	12,3	90	25	250
SZV116110	**M10x110/Ø16**	6	50	30	9,5	21,0	100	20	100
SZV116130	**M10x130/Ø16**	6	50	50	9,5	21,0	100	20	100
SZV118120	**M12x120/Ø18**	8	100	20	16,7	23,3	120	10	100
SZV118140	**M12x140/Ø18**	8	100	40	16,7	23,3	120	10	100

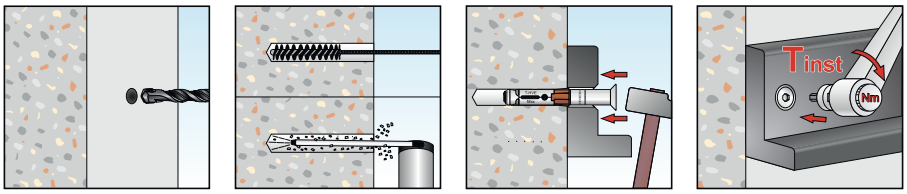
CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES

- Tornillo clase 8.8 (ISO 898-1) y arandela de espesor y dureza especiales.
- Acero cincado exento de CrVI (conforme ROHS).
- Para fijaciones extra pesadas en hormigón fisurado y no fisurado de clase de resistencia min C20/25 y max C50/60, según la Evaluación Técnica Europea.
- Categoría de prestación C1 a C2 para fijaciones en zonas sísmicas,según el ETAG 001 - ANNEX E.
- Resistencia al fuego R30-R120 según el Technical Report TR 020.
- Fijación pasante.
- Seguridad en el empleo gracias a la aplicación del par de apriete.
- Tiempo de espera nulo para la aplicación de la carga.
- Utilizable también en hormigón de clase inferior a C20/25 y piedra natural maciza (ambas las excepciones no están incluidas en el ETA y, por lo tanto, necesitan de ensayos específicos).
- Verificación de la fijación asistida por la computadora con TADS.

CHARACTERISTICS, ADVANTAGES AND APPROVALS

- Screw 8.8 grade (ISO 898-1) and special grade large washer.
- CrVI free Zinc Plated (in compliance with ROHS).
- For heavy duty fixings in cracked and non-cracked concrete of strength class min.C20/25 and max C50/60, according to European Technical Assessment.
- Performance Category C1 to C2 for use under seismic action, according to ETAG 001 - ANNEX E.
- Fire resistance R30-R120 according to Technical Report TR 020.
- Through fixing (in-place anchorage).
- Safety installation thanks to the required setting torque (to be controlled with calibrated torque wrench).
- Waiting time for loading after installation is not required.
- Also suitable for lower than C20/25 concrete, or for heavy masonry or stones (all the above mentioned cases are NOT covered by ETA, so special tests are required before the installation).
- Item included in TADS for computer aided design of anchorage.

INSTALACIÓN / *INSTALLATION*



** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, PA.: Par de apriete. / CT.: Service load, PA.: Torque / CT.: Charge de travail, PA.: Couple de serrage / CT.: Dienstbelastung, PA.: Anzugsdrehmoment.

ANCLAJE ANILLA SN CINCADO

WEDGE ANCHOR - ZINC PLATED
GOUJON D'ANCRAGE EN ACIER ZINGUÉ
ANKER MIT FEINBLECH VERZINKT

Nm ZN

CINCADO / *ZINC PLATED*

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SNZ06045	**M6x45/Ø6**	10	10	0,61	0,59	50	100	1.200
SNZ06060	**M6x60/Ø6**	10	10	0,80	0,59	50	100	1.200
SNZ06120	**M6x120/Ø6**	10	10	0,80	0,59	50	100	1.000
SNZ06140	**M6x140/Ø6**	10	10	0,80	0,59	50	100	1.000
SNZ08050	**M8x50/Ø8**	13	20	0,92	0,54	65	100	1.200
SNZ08075	**M8x75/Ø8**	13	20	1,16	1,08	65	100	800
SNZ08090	**M8x90/Ø8**	13	20	1,16	1,08	65	100	800
SNZ08115	**M8x115/Ø8**	13	20	1,16	1,08	65	100	600
SNZ10070	**M10x70/Ø10**	17	40	1,03	1,23	85	50	600
SNZ10090	**M10x90/Ø10**	17	40	1,29	1,71	85	50	500
SNZ10120	**M10x120/Ø10**	17	40	1,29	1,71	85	50	400
SNZ12075	**M12x75/Ø12**	19	50	1,80	1,38	105	25	300
SNZ12090	**M12x90/Ø12**	19	50	2,02	2,16	105	25	250
SNZ12110	**M12x110/Ø12**	19	50	2,02	2,40	105	25	250
SNZ12140	**M12x140/Ø12**	19	50	2,02	2,40	105	25	150
SNZ12160	**M12x160/Ø12**	19	50	2,02	2,40	105	20	120
SNZ12180	**M12x180/Ø12**	19	50	2,02	2,40	105	20	120
SNZ14080	**M14x80/Ø14**	22	85	2,40	2,20	110	25	250
SNZ14095	**M14x95/Ø14**	22	85	2,40	2,20	110	25	250
SNZ14110	**M14x110/Ø14**	22	85	2,40	2,20	110	25	150
SNZ14130	**M14x130/Ø14**	22	85	2,40	2,20	110	25	150
SNZ14145	**M14x145/Ø14**	22	85	2,40	2,20	110	25	150
SNZ14180	**M14x180/Ø14**	22	85	2,40	2,20	110	25	125
SNZ16090	**M16x90/Ø16**	24	125	1,39	1,67	120	25	150
SNZ16125	**M16x125/Ø16**	24	125	2,83	4,47	120	25	150
SNZ16145	**M16x145/Ø16**	24	125	2,83	4,47	120	25	125
SNZ16180	**M16x180/Ø16**	24	125	2,83	4,47	120	10	50
SNZ16220	**M16x220/Ø16**	24	125	2,83	4,47	120	10	50
SNZ20160	**M20x160/Ø20**	30	250	3,60	6,20	135	10	50
SNZ20220	**M20x220/Ø20**	30	250	4,04	6,55	135	5	25
SNZ20270	**M20x270/Ø20**	30	250	4,04	6,55	135	5	25

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFSNZ06060	**M6x60/Ø6**	25	12
BFSNZ08075	**M8x75/Ø8**	12	12
BFSNZ08090	**M8x90/Ø8**	10	12
BFSNZ08115	**M8x115/Ø8**	8	12
BFSNZ10070	**M10x70/Ø10**	8	12
BFSNZ10090	**M10x90/Ø10**	6	12
BFSNZ10120	**M10x120/Ø10**	5	12
BFSNZ12090	**M12x90/Ø12**	4	12
BFSNZ12110	**M12x110/Ø12**	4	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BSN06045	**6x45/Ø6**	2	20
BSN06060	**6x60/Ø6**	2	20
BSN08075	**8x75/Ø8**	2	15
BSN10070	**10x70/Ø10**	2	12
BSN10090	**10x90/Ø10**	2	12
BSN12090	**12x90/Ø12**	2	10
BSN12110	**12x110/Ø12**	2	10

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

ANCLAJE ANILLA SN HOMOLOGADO - CE OPCIÓN 1

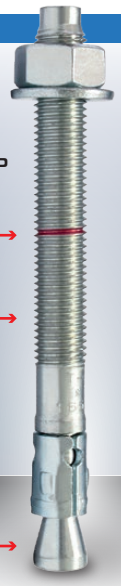
WEDGE ANCHOR - CE OPT.1
GOUJON D'ANCRAGE - CE OP.1
ANKER MIT FEINBLECH - CE OPT.1

CERTIFICACIÓN CE
DdP nº 1109-CPD-0080
ETA 11/0319 - Opción 1

Tecfi Fixing Systems

LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CE OP.1 *ZINC PLATED*



CAJA / *BOX / BOÎTE*

CE OP.1 CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	GROSOR A FIJAR *Thickness to fix / Épaisseur* m.m.	*CT. Extracción *tension load / extraction* kN	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SNH108080	**M8x80/Ø8**	13	20	10	3,30	5,70	65	50	250
SNH108110	**M8x110/Ø8**	13	20	40	3,30	5,70	65	50	250
SNH110095	**M10x95/Ø10**	17	45	10	6,40	9,50	85	25	125
SNH110125	**M10x125/Ø10**	17	45	40	6,40	9,50	85	25	125
SNH110145	**M10x145/Ø10**	17	45	60	6,40	9,50	85	25	125
SNH112115	**M12x115/Ø12**	19	60	10	7,90	16,70	105	25	125
SNH112145	**M12x145/Ø12**	19	60	40	7,90	16,70	105	15	75
SNH112165	**M12x165/Ø12**	19	60	60	7,90	16,70	105	15	75
SNH116130	**M16x130/Ø16**	24	110	5	16,70	28,60	120	10	50
SNH116145	**M16x145/Ø16**	24	110	20	16,70	28,60	120	10	50
SNH116165	**M16x165/Ø16**	24	110	40	16,70	28,60	120	5	25
SNH116225	**M16x225/Ø16**	24	110	100	16,70	28,60	120	5	25
SNH120170	**M20x170/Ø20**	30	200	30	23,30	45,20	135	5	25
SNH120200	**M20x200/Ø20**	30	200	60	23,30	45,20	135	5	25

Se requiere cilíndro "SPS" para instalaciones en zona sísmica (pag.17) / "SPS" cylinder is required for installations in seismic zone (page 17) / Le cylindre "SPS" est requis pour les installations en zone sismique (page 17)

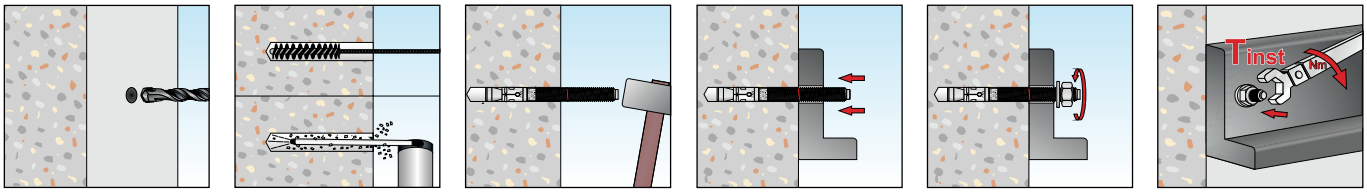
CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES

- Para fijaciones extra pesadas en hormigón fisurado y no fisurado de clase de resistencia min C20/25 y max C50/60, según la Evaluación Técnica Europea.
- Categoría de prestación C2-C1 para fijaciones en zonas sísmicas, según el ETAG 001 - ANEXO E.
- Resistencia al fuego R30-R120, según el Technical Report TR 020.
- Cuerpo del anclaje con resistencia mínima de 800 N/mm².
- Instalación rápida y correcta gracias a la anilla coloreada (profundidad de inserción del anclaje en el hormigón).
- Acero cincado exento de CrVI (conforme ROHS).
- Tiempo de espera nulo para la aplicación de la carga.
- Utilizable también en hormigón de clase inferior a C20/25 y piedra natural maciza (ambas excepciones no están incluidas en el ETA y, por lo tanto, necesitan de ensayos específicos).

CHARACTERISTICS, ADVANTAGES AND APPROVALS

- For extra heavy fixings in cracked and non-cracked concrete of min. resistance class C20/25 and max. C50/60, according to the European Technical Evaluation.
- Performance category C2-C1 for fixation in seismic zones, according to ETAG 001 - ANNEX E.
- Resistance to fire R30-R120, according to Technical Report TR 020.
- Anchor body with minimum resistance of 800 N/mm².
- Quick and correct installation thanks to the colored ring (depth of insertion of the anchor in the concrete).
- Galvanized steel free of CrVI (according to ROHS).
- Null wait time for the application of the load.
- Can also be used in concrete of a lower class than C20/25 and solid natural stone (both exceptions are not included in the ETA and, therefore, require specific tests).

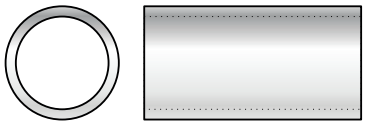
INSTALACIÓN / *INSTALLATION*



** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, PA.: Par de apriete. / CT.: Service load, PA.: Torque / CT.: Charge de travail, PA.: Couple de serrage / CT.: Dienstbelastung, PA.: Anzugsdrehmoment.

PROTECTOR SÍSMICO "SPS" - CILINDRO ESPECIAL PARA ANCLAJE EN ZONA SÍSMICA

"SPS" SEISMIC PROTECTOR
PROTECTEUR SISMIQUE "SPS"
SEISMISCHER PROTEKTOR "SPS"



CAJA / *BOX / BOÎTE*

CE OP.1 — CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø ANCLAJE SNH1 *SNH1 Anchor Ø / Ø Ancrage SNH1* *m.m.*		
SPS12010	**12x10**	*10*	50	500
SPS12040	**12x40**	*10*	50	500
SPS12060	**12x60**	*10*	50	500
SPS14010	**14x10**	*12*	30	300
SPS14040	**14x40**	*12*	30	300
SPS14060	**14x60**	*12*	30	300
SPS18005	**18x5**	*16*	25	250
SPS18020	**18x20**	*16*	20	200
SPS18040	**18x40**	*16*	20	200
SPS18100	**18x100**	*16*	10	100
SPS22030	**22x30**	*20*	10	100
SPS22060	**22x60**	*20*	10	100

Se requiere anclaje "SNH1" para instalaciones en zona sísmica (pag.16)
"SNH1" anchor is required for installations in seismic zone (page 16) / Le ancrage "SNH1" est requis pour les installations en zone sismique (page 16)

EVITA EL EFECTO DE MARTILLEO

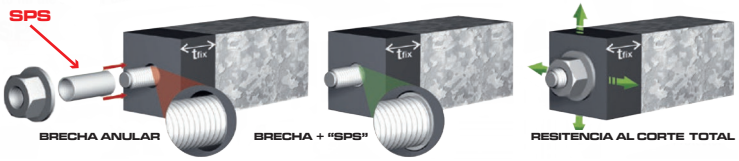
MEDIA CAPACIDAD DE RESISTENCIA AL CORTE

En presencia de una brecha anular; el diseño para la resistencia al corte se ve afectado con una reducción del 50%.

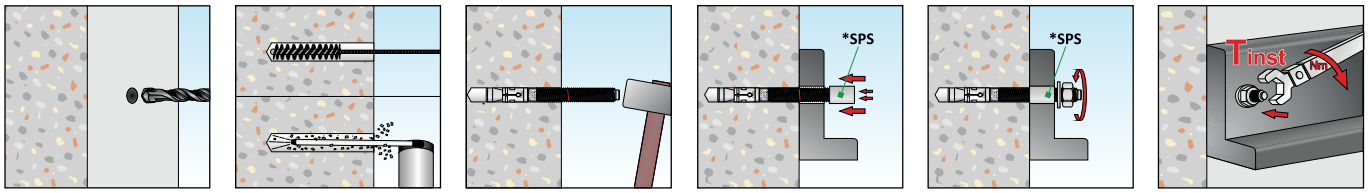
COMPLETA CAPACIDAD DE RESISTENCIA AL CORTE

El cilindro especial "SPS", se ajusta perfectamente en la brecha anular entre el anclaje y la pieza a fijar; evitando así el efecto de martilleo producido por al actividad sísmica.ç En este caso no hay factor de reducción.

EL PROTECTOR **"SPS"** DEBE UTILIZARSE JUNTO EL ANCLAJE **"SNH1"** EN CASO DE INSTALACIÓN EN ZONA SÍSMICA SEGÚN **ETAG 001 - ANEXO E.**



INSTALACIÓN / ***INSTALLATION***



El protector sísmico se debe instalar solo en caso de aplicación en zona sísmica.

ANCLAJE ANILLA SN HOMOLOGADO - CE OPCIÓN 7

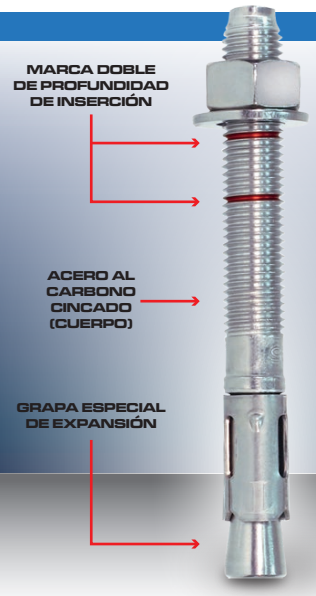
WEDGE ANCHOR - CE OPT.7
GOUJON D'ANCRAGE - CE OP.7
ANKER MIT FEINBLECH - CE OP.7

CERTIFICACIÓN CE
DdP nº 1219-CPR-0071
ETA 13/1012 - Opción 7

Tecfi Fixing Systems

LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CE OP.7 *ZINC PLATED*



CAJA / *BOX / BOÎTE*

CE OP.7 **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	GROSOR A FIJAR *Thickness to fix / Épaisseur* m.m. ($h_{ef,std}$ - $h_{ef,red}$)	*CT. Extracción *tension load / extraction* kN ($h_{ef,std}$ - $h_{ef,red}$)	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SNH08075	**M8x75/Ø8**	13	20	5-18	6,6 - 4,8	5,30	65	100	500
SNH08090	**M8x90/Ø8**	13	20	20-33	6,6 - 4,8	5,30	65	100	500
SNH08115	**M8x115/Ø8**	13	20	45-58	6,6 - 4,8	5,30	65	50	500
SNH10080	**M10x80/Ø10**	17	35	NA-13	9,0 - 6,5	8,40	75	50	250
SNH10090	**M10x90/Ø10**	17	35	10-23	9,0 - 6,5	8,40	75	50	250
SNH10120	**M10x120/Ø10**	17	35	40-53	9,0 - 6,5	8,40	75	50	250
SNH10150	**M10x150/Ø10**	17	35	70-83	9,0 - 6,5	8,40	75	50	250
SMH12X90	**M12x90/Ø12**	19	60	NA-13	12,6 - 8,5	11,80	85	50	250
SNH12110	**M12x110/Ø12**	19	60	18-33	12,6 - 8,5	11,80	85	25	125
SNH12140	**M12x140/Ø12**	19	60	48-63	12,6 - 8,5	11,80	85	25	125
SNH12160	**M12x160/Ø12**	19	60	68-83	12,6 - 8,5	11,80	85	25	125
SNH16125	**M16x125/Ø16**	24	120	3-22	18,5 - 12,6	21,90	110	25	125
SNH16145	**M16x145/Ø16**	24	120	23-42	18,5 - 12,6	21,90	110	20	100
SNH16170	**M16x170/Ø16**	24	120	48-67	18,5 - 12,6	21,90	110	15	75
SNH20170	**M20x170/Ø20**	30	240	23-49	25,1 - 15,6	32,10	135	10	50

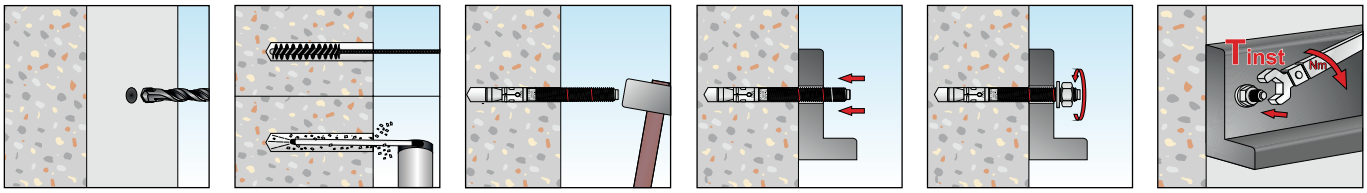
CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES

- Los anclajes SNH han conseguido la Aprobación Técnica Europea (ETA) según EAD 330232-00-0601, Opción 7, para uso en hormigón no fisurado para aplicaciones estructurales.
- Anclaje de acero al carbono, cincado.
- Dos profundidades de instalaciones: instalación con profundidad estándar para cargas pesadas y con profundidad reducida para hormigón de bajo espesor (sólo para diámetros 8, 10, 12).
- Homologado para fijaciones estructurales en hormigón de clase de resistencia desde C20/25 hasta C50/60, según el "Documento de Idoneidad Técnica Europeo".
- Seguridad en el empleo gracias a la aplicación del par de apriete.
- Tiempo de espera nulo para la aplicación de la carga.
- Utilizable también en hormigón de clase inferior a C20/25 y piedra natural maciza (ambas las excepciones no están incluidas en el ETA y, por lo tanto, necesitan de ensayos específicos).

CHARACTERISTICS, ADVANTAGES AND APPROVALS

- SNH anchors have obtained the European Technical Approval (ETA) according to EAD 330232-00-0601, Option 7, for use in non-cracked concrete for structural applications.
- Carbon steel anchor, zinc plated.
- Two installation depths: installation with standard depth for heavy loads and with reduced depth for thin concrete (only for diameters 8, 10, 12).
- Approved for structural fixings in concrete of resistance class from C20/25 to C50/60, according to the "European Technical Approval".
- Safety in employment thanks to the application of the tightening torque.
- Null wait time for the application of the load.
- Can also be used in concrete of a lower class than C20/25 and solid natural stone (both exceptions are not included in the ETA and, therefore, require specific tests).

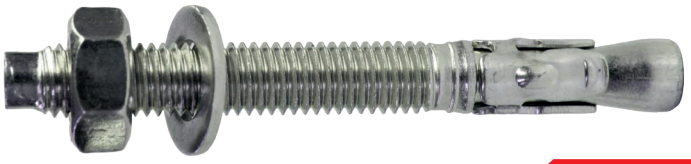
INSTALACIÓN / *INSTALLATION*



** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, PA.: Par de apriete. / CT.: Service load, PA.: Torque / CT.: Charge de travail, PA.: Couple de serrage / CT.: Dienstbelastung, PA.: Anzugsdrehmoment.

ANCLAJE ANILLA SN INOXIDABLE A-2

STAINLESS STEEL AISI 304 WEDGE ANCHOR
GOUJON D'ANCRAGE EN ACIER INOX. A-2
ANKER MIT FEINBLECH - EDELSTAHL A-2



CAJA / *BOX / BOÎTE*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SNA206065	**M6x65/Ø6**	10	10	3,2	1,7	50	100	1.200
SNA206120	**M6x120/Ø6**	10	10	3,2	1,7	50	100	1.000
SNA206140	**M6x140/Ø6**	10	10	3,2	1,7	50	100	800
SNA206160	**M6x160/Ø6**	10	10	3,2	1,7	50	100	800
SNA208050	**M8x50/Ø8**	13	20	4,9	3,7	65	100	800
SNA208080	**M8x80/Ø8**	13	20	4,9	3,7	65	100	800
SNA208090	**M8x90/Ø8**	13	20	4,9	3,7	65	100	800
SNA210075	**M10x75/Ø10**	17	40	6,1	4,4	85	50	600
SNA210090	**M10x90/Ø10**	17	40	6,1	4,4	85	50	500
SNA210120	**M10x120/Ø10**	17	40	6,1	4,4	85	50	400
SNA212080	**M12x80/Ø12**	19	50	9,2	9,0	105	25	250
SNA212090	**M12x90/Ø12**	19	50	9,2	9,0	105	25	250
SNA212110	**M12x110/Ø12**	19	50	9,2	9,0	105	25	250
SNA212140	**M12x140/Ø12**	19	50	9,2	9,0	105	25	150
SNA216125	**M16x125/Ø16**	24	125	14,5	22,2	120	25	150
SNA216145	**M16x145/Ø16**	24	125	14,5	22,2	120	25	125
SNA220170	**M20x170/Ø20**	30	250	21,5	34,5	135	10	50
SNA220215	**M20x215/Ø20**	30	250	21,5	34,5	135	10	30

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFSNA206065	**M6x65/Ø6**	12	12
BFSNA208075	**M8x75/Ø8**	10	12
BFSNA208090	**M8x90/Ø8**	8	12
BFSNA210075	**M10x75/Ø10**	8	12
BFSNA210090	**M10x90/Ø10**	6	12
BFSNA210120	**M10x120/Ø10**	5	12
BFSNA212090	**M12x90/Ø12**	4	12
BFSNA212110	**M12x110/Ø12**	4	12

BLISTER / *BLISTER / BLISTER*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BSNA206065	**M6x65/Ø6**	4	12
BSNA208075	**M8x75/Ø8**	4	12
BSNA210090	**M10x90/Ø10**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

ANCLAJE ANILLA SN INOXIDABLE A-4

STAINLESS STEEL AISI 316 WEDGE ANCHOR
GOUJON D'ANCRAGE EN ACIER INOX. A-4
ANKER MIT FEINBLECH - EDELSTAHL A-4

CAJA / *BOX / BOÎTE*

INOX. A-4 / S.S. *AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SNA406065	**M6x65/Ø6**	10	10	3,2	1,7	50	100	1.200
SNA408075	**M8x75/Ø8**	13	20	4,9	3,7	65	100	800
SNA410075	**M10x75/Ø10**	17	40	6,1	4,4	85	50	400
SNA410090	**M10x90/Ø10**	17	40	6,1	4,4	85	50	400
SNA410120	**M10x120/Ø10**	17	40	6,1	4,4	85	50	300
SNA412080	**M12x80/Ø12**	19	50	9,2	9,0	105	50	300
SNA412110	**M12x110/Ø12**	19	50	9,2	9,0	105	25	250
SNA412160	**M12x160/Ø12**	19	50	9,2	9,0	105	20	120
SNA416145	**M16x145/Ø16**	24	125	14,5	22,2	120	25	150
SNA420170	**M20x170/Ø20**	30	150	21,5	34,5	135	10	60
SNA420215	**M20X215/Ø20**	30	150	21,5	34,5	135	5	25

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

ANCLAJE ANILLA SN INOXIDABLE A-4 HOMOLOGADO - CE OPCIÓN 7

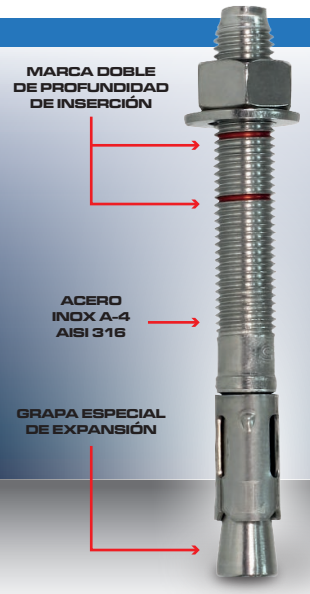
STAINLESS STEEL AISI 316 WEDGE ANCHOR - CE OPT.7
GOUJON D'ANCRAGE EN ACIER INOX. A-4 - CE OP.7
ANKER MIT FEINBLECH - EDELSTAHL A-4 - CE OPT.7

CERTIFICACIÓN CE
DdP nº 1219-CPR-0071
ETA 13/1012 - Opción 7

Tecfi Fixing Systems

LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CE OP.7 **INOX. A-4**



CAJA / *BOX / BOÎTE*

CE OP.7 **INOX. A-4 / S.S. AISI 316**

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	GROSOR A FIJAR *Thickness to fix / Épaisseur* m.m. ($h_{ef,std}$ - $h_{ef,red}$)	*CT. Extracción *tension load / extraction* kN ($h_{ef,std}$ - $h_{ef,red}$)	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SNA4H06060	**M6x60/Ø6**	10	7	2-NA	4,3 - NA	2,80	55	100	1.000
SNA4H06080	**M6x80/Ø6**	10	7	22-NA	4,3 - NA	2,80	55	100	1.000
SNA4H08075	**M8x75/Ø8**	13	20	5-18	5,7 - 4,2	5,10	65	100	500
SNA4H08090	**M8x90/Ø8**	13	20	20-33	5,7 - 4,2	5,10	65	100	500
SNA4H10070	**M10x70/Ø10**	17	35	NA-3	6,3 - 5,7	8,10	75	50	250
SNA4H10090	**M10x90/Ø10**	17	35	10-23	6,3 - 5,7	8,10	75	50	250
SNA4H10120	**M10x120/Ø10**	17	35	40-53	6,3 - 5,7	8,10	75	50	250
SNA4H12090	**M12x90/Ø12**	19	60	NA-13	9,9 - 7,6	11,80	85	50	250
SNA4H12110	**M12x110/Ø12**	19	60	18-33	9,9 - 7,6	11,80	85	25	125
SNA4H12140	**M12x140/Ø12**	19	60	48-63	9,9 - 7,6	11,80	85	25	125
SNA4H16145	**M16x145/Ø16**	24	120	23-NA	13,8 - NA	22,10	110	20	100
SNA4H16170	**M16x170/Ø16**	24	120	48-NA	13,8 - NA	22,10	110	15	75
SNA4H20170	**M20x170/Ø20**	30	240	23-NA	19,8 - NA	34,50	135	10	50
SNA4H20220	**M20x220/Ø20**	30	240	73-NA	19,8 - NA	34,50	135	5	25

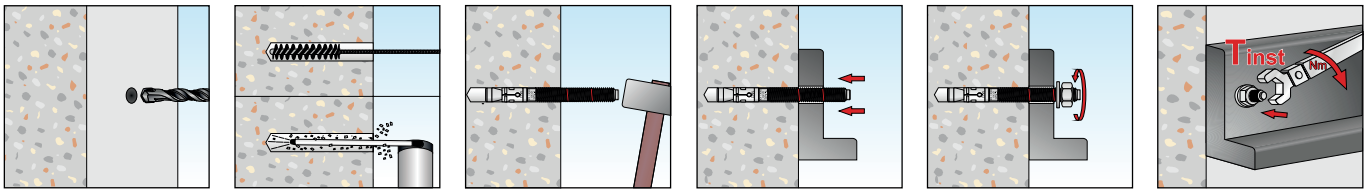
CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES

- Los anclajes SNHA4 han conseguido la Aprobación Técnica Europea (ETA) según EAD 330232-00-0601, Opción 7, para uso en hormigón no fisurado para aplicaciones estructurales.
- Anclaje de acero inoxidable A4 (AISI 316).
- Dos profundidades de instalaciones: instalación con profundidad estándar para cargas pesadas y con profundidad reducida para hormigón de bajo espesor (sólo para diámetros 8, 10, 12).
- Homologado para fijaciones estructurales en hormigón de clase de resistencia desde C20/25 hasta C50/60, según el "Documento de Idoneidad Técnica Europeo".
- Seguridad en el empleo gracias a la aplicación del par de apriete.
- Tiempo de espera nulo para la aplicación de la carga.
- Utilizable también en hormigón de clase inferior a C20/25 y piedra natural maciza (ambas las excepciones no están incluidas en el ETA y, por lo tanto, necesitan de ensayos específicos.

CHARACTERISTICS, ADVANTAGES AND APPROVALS

- SNHA4 anchors have obtained the European Technical Approval (ETA) according to EAD 330232-00-0601, Option 7, for use in non-cracked concrete for structural applications.
- A4 stainless steel anchor (AISI 316).
- Two installation depths: installation with standard depth for heavy loads and with reduced depth for thin concrete (only for diameters 8, 10, 12).
- Approved for structural fixings in concrete of resistance class from C20/25 to C50/60, according to the ""European Technical Approval".
- Safety in employment thanks to the application of the tightening torque.
- Null waiting time for the application of the load.
- Can also be used in concrete with a class lower than C20/25 and solid natural stone (both exceptions are not included in the ETA and therefore require specific tests.

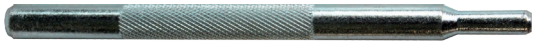
INSTALACIÓN / *INSTALLATION*



** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, PA.: Par de apriete. / CT.: Service load, PA.: Torque / CT.: Charge de travail, PA.: Couple de serrage / CT.: Dienstbelastung, PA.: Anzugsdrehmoment.

EXPANSIONADOR MANUAL

MANUAL SETTING TOOL
OUTIL POUSSOIR
WERKZEUG FÜR DIE MONTAGE DE DÜBELS, ZU HÄMMERN

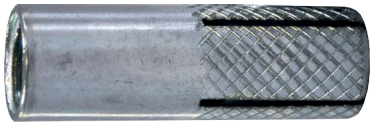


CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
EM06	**M 6**	1	10
EM08	**M 8**	1	10
EM10	**M10**	1	10
EM12	**M12**	1	10
EM16	**M16**	1	10
EM20	**M20**	1	10

ANCLAJE HEMBRA SH CINCADO

ZINC PLATED DROP-IN ANCHOR
CHEVILLE DE FRAPPE EN ACIER ZINGUÉ
VERZINKTER DÜBEL MIT INNENKONUS, ZU HÄMMERN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	*CMA. Extracción *tension load / extraction* kN		
SHZ06	**M6x25/Ø8**	0,70	100	3.000
SHZ08	**M8x30/Ø10**	1,45	100	1.600
SHZ10	**M10x40/Ø12**	1,45	50	800
SHZ12	**M12x50/Ø15**	2,50	50	400
SHZ16	**M16x65/Ø20**	2,50	25	200
SHZ20	**M20x80/Ø25**	3,10	20	200

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFSHZ06	**M6x25/Ø8**	30	12
BFSHZ08	**M8x30/Ø10**	30	12
BFSHZ10	**M10x40/Ø12**	16	12

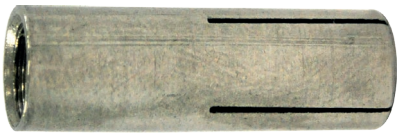
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BSH06	**M6x25/Ø8**	4	20
BSH08	**M8x30/Ø10**	4	20
BSH10	**M10x40/Ø12**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG***

ANCLAJE HEMBRA SH INOXIDABLE A-2

STAINLESS STEEL AISI 304 DROP IN ANCHOR
CHEVILLE DE FRAPPE EN ACIER INOX. A-2
EDELSTAHL A-2 DÜBEL MIT INNENKONUS, ZU HÄMMERNi



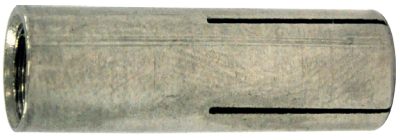
CAJA / *BOX / BOÎTE* — **INOX. A-2** / ***S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN		
SHA206	**M6x25/Ø8**	1,7	2,0	100	3.000
SHA208	**M8x30/Ø10**	2,7	3,7	100	1.200
SHA210	**M10x40/Ø12**	3,5	5,8	50	800
SHA212	**M12x50/Ø15**	4,5	8,4	50	400
SHA216	**M16x65/Ø20**	6,0	14,6	25	200

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

ANCLAJE HEMBRA SH INOXIDABLE A-4

STAINLESS STEEL AISI 316 DROP IN ANCHOR
CHEVILLE DE FRAPPE EN ACIER INOX. A-4
EDELSTAHL A-4 DÜBEL MIT INNENKONUS, ZU HÄMMERNi



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN		
SHA406	**M6x25/Ø8**	1,7	2,0	100	3.000
SHA408	**M8x30/Ø10**	2,7	3,7	100	1.200
SHA410	**M10x40/Ø12**	3,5	5,8	50	800
SHA412	**M12x50/Ø15**	4,5	8,4	50	400
SHA416	**M16x65/Ø20**	6,0	14,6	25	200

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFSHA406	**M6x25/Ø8**	20	12
BFSHA408	**M8x30/Ø10**	16	12
BFSHA410	**M10x40/Ø12**	10	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO PARA PISCINA ESCAMOTEABLE

RETRACTABLE POOL SET
SET POUR PISCINE ESCAMOTABLE
SCHWIMMBAD SET EINZIEHBAR

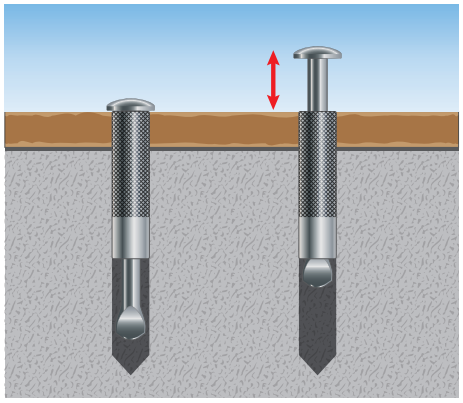
CAJA / *BOX / BOÎTE*

ALUMINIO / *ALUMINUM* **INOX. A-2 / *S.S. AISI 304***

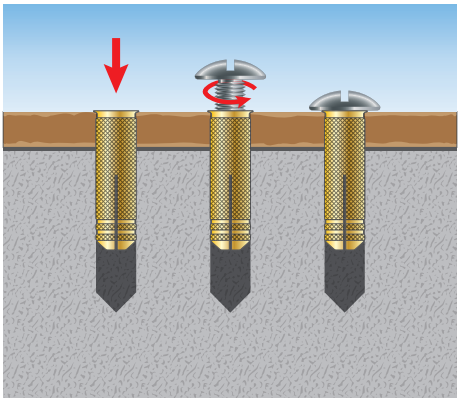
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* dxL/Ø m.m.	Ø CABEZA *Head Ø / Ø Tête* m.m.	VÁSTAGO *Stem / Tige*	CAMISA *Shell / Carcasse*		
TPE	**6x60/Ø10**	14	INOXIDABLE A-2 / *AISI 304*	ALUMINIO / *ALUMINUM*	100	1.200

INFORMACIÓN TÉCNICA / ***TECHNICAL INFORMATION***

TPE



CP / CPM



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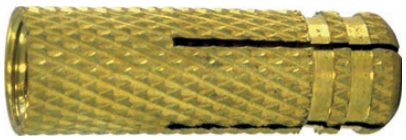
TACO DE LATÓN

KNURLED BRASS ANCHOR
CHEVILLE EN LAITON MOLETÉ
GËRANDELTER DÜBEL AUS MESSING



CAJA / *BOX / BOÎTE* — **LATÓN** / *BRASS*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN		
TL04	**M4x16/Ø5**	2,55	3,06	200	5.000
TL05	**M5x20/Ø6,5**	3,57	4,08	100	5.000
TL06	**M6x24/Ø8**	4,49	5,10	100	5.000
TL08	**M8x28/Ø10**	5,71	7,14	100	2.500
TL10	**M10x32/Ø12**	8,98	9,19	100	1.200

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **LATÓN** / *BRASS*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFTL04	**M4x16/Ø5**	100	12
BFTL06	**M6x24/Ø8**	50	12
BFTL08	**M8x28/Ø10**	30	12
BFTL10	**M10x32/Ø12**	25	12

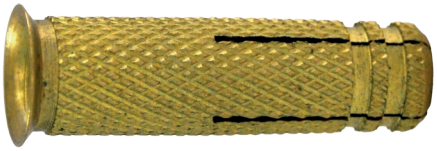
BLISTER / *BLISTER / BLISTER* — **LATÓN** / *BRASS*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BTL04	**M4x16/Ø5**	5	20
BTL05	**M5x20/Ø6,5**	5	20
BTL06	**M6x24/Ø8**	4	20
BTL08	**M8x28/Ø10**	4	20
BTL10	**M10x32/Ø12**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

TACO DE LATÓN CON COLLARÍN

KNURLED BRASS ANCHOR WITH COLLARD
CHEVILLE EN LAITON MOLETÉ AVEC COLLERETTE
GËRANDELTER DÜBEL AUS MESSING MIT SAUM



CAJA / *BOX / BOÎTE* — **LATÓN** / *BRASS*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
TLC08	**M8x35/Ø10**	100	2.500

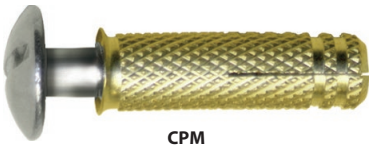
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **LATÓN** / *BRASS*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFTLC08	**M8x35/Ø10**	20	12

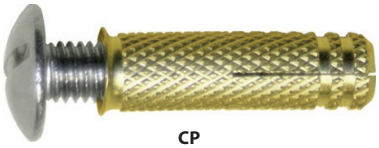
PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

CONJUNTO PARA PISCINA

POOL SET
SET POUR PISCINE
SCHWIMMBAD SET



CPM
Tllo. media rosca
Half thread screw / Vis demi filetée



CP
Tllo. rosca completa
Full thread screw / Vis à filetage complet

CAJA / *BOX / BOÎTE* — **LATÓN** / *BRASS*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
CP	**M8x35/Ø10**	100	1.200
CPM	**M8x35/Ø10**	100	1.200

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **LATÓN** / *BRASS*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFCP	**M8x35/Ø10**	20	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

TORNILLO DIRECTO HORMIGÓN

DIRECT FIXING SCREW FOR CONCRETE
VIS DE FIXATION DIRECTE POUR LE BÉTON
GERADE-BETONSCHRAUBE

ZN Tecfi Fixing Systems LUSAN DISTRIBUIDOR OFICIAL

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	LLAVE *Wrench / Clé* TX	*CC. Extracción *tension load / extraction* kN	*CC. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.		
TH075050	**7,5x50**	6	10	T-30	6,00	7,58	65	100	1.000
TH075080	**7,5x80**	6	40	T-30	6,00	7,58	65	100	1.000
TH075090	**7,5x90**	6	50	T-30	6,00	7,58	65	100	1.000
TH075100	**7,5x100**	6	60	T-30	6,00	7,58	65	100	1.000
TH075120	**7,5x120**	6	80	T-30	6,00	7,58	65	100	500
TH075135	**7,5x135**	6	95	T-30	6,00	7,58	65	100	500
TH075150	**7,5x150**	6	110	T-30	6,00	7,58	65	100	500
TH075180	**7,5x180**	6	140	T-30	6,00	7,58	65	100	500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BFTH075050	**7,5x50**	14	12
BFTH075080	**7,5x80**	14	12
BFTH075090	**7,5x90**	12	12
BFTH075100	**7,5x100**	12	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIRECTO HORMIGÓN C/PEQUEÑA

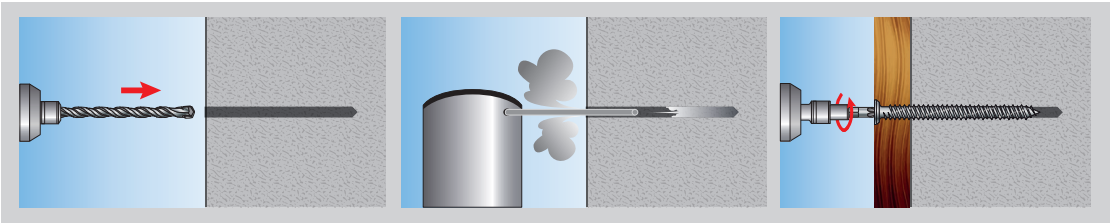
DIRECT FIXING SCREW RED. HEAD FOR CONCRETE
VIS DE FIXATION DIRECTE TÊTE REDUIT POUR LE BÉTON
GERADE-BETONSCHRAUBE MIT ZIYLINDERKOPF

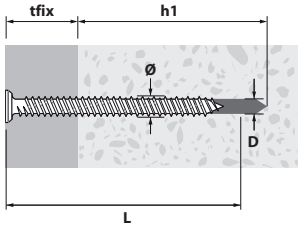
ZN Tecfi Fixing Systems LUSAN DISTRIBUIDOR OFICIAL

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	LLAVE *Wrench / Clé* TX	*CC. Extracción *tension load / extraction* kN	*CC. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.		
THCP75080	**7,5x80**	6	40	T-30	6,00	7,58	65	100	1.000
THCP75090	**7,5x90**	6	50	T-30	6,00	7,58	65	100	1.000
THCP75100	**7,5x100**	6	60	T-30	6,00	7,58	65	100	1.000
THCP75120	**7,5x120**	6	80	T-30	6,00	7,58	65	100	500
THCP75135	**7,5x135**	6	95	T-30	6,00	7,58	65	100	500
THCP75150	**7,5x150**	6	110	T-30	6,00	7,58	65	100	500
THCP75180	**7,5x180**	6	140	T-30	6,00	7,58	65	100	500

INFORMACIÓN TÉCNICA / ***TECHNICAL INFORMATION***





** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CC.: Carga característica, PA.: Par de apriete. / CC.: Characteristic load, PA.: Torque / CC.: Charge caractéristique, PA.: Couple de serrage / CC.: charakteristische Belastung, PA.: Anzugsdrehmoment.

TORNILLO DIRECTO HORMIGÓN

DIRECT FIXING SCREW FOR CONCRETE WITH HEXAGONAL HEAD
VIS DE FIXATION DIRECTE POUR LE BÉTON AVEC TÊTE HEXAGONALE
GERADE-SECHSKANTBETONSCHRAUBE

ZN Tecfi Fixing Systems LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	LLAVE *Wrench / Clé* SW	*CC. Extracción *tension load / extraction* kN	*CC. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.		
THE078060	**8x60**	6	10	10	7,60	8,5	65	100	1.000
THE078080	**8x80**	6	20	10	11,2	8,5	75	50	500
THE100060	**10x60**	8	10	13	9,2	10,5	70	50	500
THE100080	**10x80**	8	10	13	15,6	18,1	90	50	500
THE100100	**10x100**	8	30	13	15,6	18,1	90	25	250
THE100140	**10x140**	8	70	13	15,6	18,1	90	25	250
THE120090	**12x90**	10	10	15	22,5	29,2	100	25	250
THE120110	**12x110**	10	30	15	22,5	29,2	100	25	250
THE120130	**12x130**	10	50	15	22,5	29,2	100	25	250

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFTHE080060	**8x60**	10	12
BFTHE080080	**8x80**	8	12
BFTHE100060	**10x60**	8	12
BFTHE100080	**10x80**	6	12
BFTHE100100	**10x100**	4	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIRECTO HORMIGÓN HEXAGONAL INOXIDABLE A-4

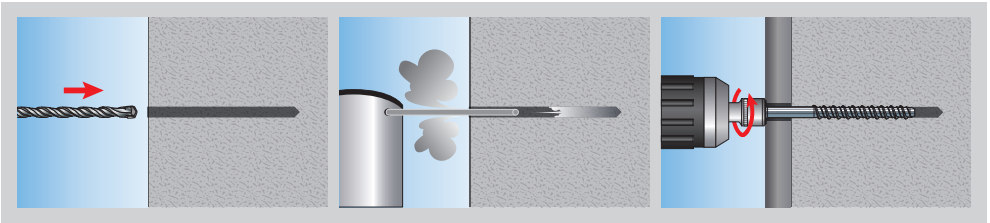
SS. AISI 316 DIRECT FIXING SCREW FOR CONCRETE WITH HEX. HEAD
FIXATION DIRECTE POUR LE BÉTON AVEC TÊTE HEXAGONALE INOX. A-4
GERADE-SECHSKANTBETONSCHRAUBE AUS EDELSTAHL A-4

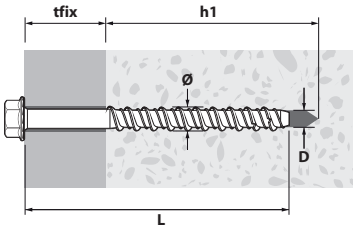
A4 Tecfi Fixing Systems LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CAJA / *BOX / BOÎTE* — **INOX. A-4** / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	LLAVE *Wrench / Clé* SW	*CC. Extracción *tension load / extraction* kN	*CC. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.		
THE408065	**8x65**	6	5	10	12,50	9,75	70	100	1.000
THE408080	**8x80**	6	20	10	12,50	9,75	70	50	500
THE408100	**8x100**	6	40	10	12,50	9,75	70	50	500
THE408140	**8x140**	6	80	10	12,50	9,75	70	50	500
THE410080	**10x80**	8	10	13	23,00	17,50	90	50	500
THE410100	**10x100**	8	30	13	23,00	17,50	90	25	250
THE410140	**10x140**	8	70	13	23,00	17,50	90	25	250

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*





** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CC.: Carga característica, PA.: Par de apriete. / CC.: Characteristic load, PA.: Torque / CC.: Charge caractéristique, PA.: Couple de serrage / CC.: charakteristische Belastung, PA.: Anzugsdrehmoment.

TLLO. DIRECTO HORMIGÓN HEXAGONAL HOMOLOGADO ZN - CE OPCIÓN 1

ZINC PLATED HEX. CONCRETE SCREW - CE OPT.1
VIS DE FIXATION DIRECTE POUR LE BÉTON AVEC TÊTE HEX. - CE OPT.1
SECHSKANT-BETONSCHRAUBE VERZINKT - CE OPT.1

ZN

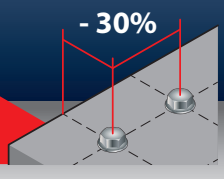
CERTIFICACIÓN CE
DdP nº 1109-CPD-0079
ETA 11/0036 - Opción 1

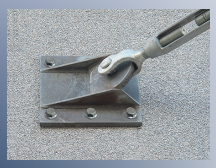
Tecfi Fixing Systems

LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CE OP.1 *ZINC PLATED*

- 30% DISTANCIAS AL BORDE Y ENTRE EJES
+35% CARGA CARACTERÍSTICA DE EXTRACCIÓN
+30% CARGA CARACTERÍSTICA DE CORTE
COMPARACIÓN CON ANCLAJES DE ACERO TRADICIONALES DE EXPANSIÓN.





CAJA / *BOX / BOÎTE*

CE OP.1 **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*		MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	LLAVE *Wrench / Clé* SW	*CT. Extracción *tension load / extraction* kN	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.		
THEH08080		**8x80**	6	20	10	7,62	4,50	75	50	500
THEH08100		**8x100**	6	40	10	7,62	4,50	75	50	500
THEH08120		**8x120**	6	60	10	7,62	4,50	75	50	500
THEH08140		**8x140**	6	80	10	7,62	4,50	75	50	500
THEH10080		**10x80**	8	10	13	8,89	9,60	90	50	500
THEH10100		**10x100**	8	30	13	8,89	9,60	90	25	250
THEH10120		**10x120**	8	50	13	8,89	9,60	90	25	250
THEH10140		**10x140**	8	70	13	8,89	9,60	90	25	250
THEH10160		**10x160**	8	90	13	8,89	9,60	90	25	250
THEH12090		**12x90**	10	10	15	11,90	15,40	100	25	250
THEH12110		**12x110**	10	30	15	11,90	15,40	100	25	250
THEH12130		**12x130**	10	50	15	11,90	15,40	100	25	250
THEH12150		**12x150**	10	70	15	11,90	15,40	100	25	250
THEH12190		**12x190**	10	110	15	11,90	15,40	100	20	100
THEH12210		**12x210**	10	130	15	11,90	15,40	100	20	100
THEH12250		**12x250**	10	170	15	11,90	15,40	100	15	75
THEH12290		**12x290**	10	210	15	11,90	15,40	100	15	75

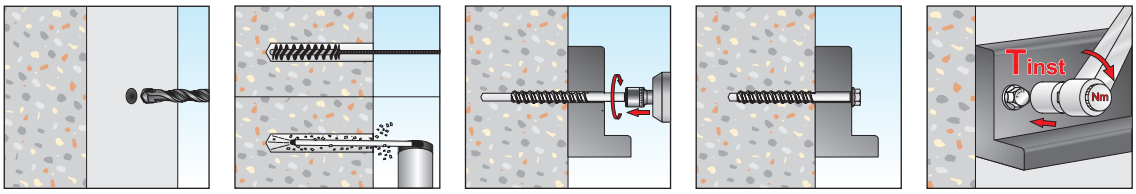
CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES

- Acero cincado exento de CrVI (conforme ROHS).
- Para fijaciones extra pesadas en hormigón fisurado y no fisurado de clase de resistencia min C20/25 y max C50/60, según la Evaluación Técnica Europea.
- Categoría de prestación C1(Ø 10) y C2-C1 (Ø 12; Ø 16) para fijaciones en zonas sísmicas,según el EAD 330232-00-0601.
- Resistencia al fuego R30-R120 según el EAD 330232-00-0601.
- Fijación pasante.
- Instalación de la fijación independiente del par de apriete.
- Tiempo de espera nulo para la aplicación de la carga.
- Se puede instalar con distancia al borde y entre ejes reducida respecto a un anclaje de expansión.
- Utilizable también en hormigón de clase inferior a C20/25 y piedra natural maciza (ambas excepciones no están incluidas en el ETA y, por lo tanto, necesitan de ensayos específicos).
- Verificación de la fijación asistida por la computadora con TADS.

CHARACTERISTICS, ADVANTAGES AND APPROVALS

- CrVI free Zinc Plated (in compliance with ROHS).
- For heavy duty fixings in cracked and non-cracked concrete of strength class min C20/25 and max C50/60, according to European Technical Assessment.
- Performance Category C1(Ø 10) and C2-C1 (Ø 12; Ø 16)for use under seismic action, according to EAD 330232-00-0601.
- Fire resistance R30-R120 according to EAD 330232-00-0601.
- Through fixing (in-place anchorage).
- Fixing installation independent of the torque control.
- Waiting time for loading after installation is not required.
- Reduced edge distance and spacing, in comparison with traditional expansion anchors.
- Also suitable for lower than C20/25 concrete, or for heavy masonry or stones (all the above mentioned cases are NOT covered by ETA, so special tests are required before the installation).
- Item included in TADS for computer aided design of anchorage.

INSTALACIÓN / *INSTALLATION*



** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, PA.: Par de apriete. / CT.: Service load, PA.: Torque / CT.: Charge de travail, PA.: Couple de serrage / CT.: Dienstbelastung, PA.: Anzugsdrehmoment.

TORNILLO DIRECTO HORMIGÓN CABEZA AVELLANADA ZN - CE OPCIÓN 1

ZINC PLATED FLAT CSK HEAD WITH RIBS CONCRETE SCREW - CE OPT.1
VIS ZINGUÉ À BÉTON BREVETÉ TÊTE FRAISÉE PLATE - CE OP.1
SENKKOPF-BETONSCHRAUBE MIT FRÄSRIPPEN, VERZINKT - CE OPT.1

CAJA / *BOX / BOÎTE* — *CE OP.1* — CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	LLAVE *Wrench / Clé* TX	*CT. Extracción *tension load / extraction* kN	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.		
HXS08070	**8x70**	6	10	T-30	7,62	4,50	75	100	1.000
HXS08100	**8x100**	6	40	T-30	7,62	4,50	75	50	500
HXS08140	**8x140**	6	80	T-30	7,62	4,50	75	25	250
HXS10080	**10x80**	8	10	T-40	8,89	9,60	90	50	500
HXS10100	**10x100**	8	30	T-40	8,89	9,60	90	50	500
HXS10160	**10x160**	8	90	T-40	8,89	9,60	90	25	250
HXS12100	**12x100**	10	20	T-50	11,90	15,40	100	25	250
HXS12120	**12x120**	10	40	T-50	11,90	15,40	100	25	250
HXS12180	**12x180**	10	100	T-50	11,90	15,40	100	25	250

TORNILLO DIRECTO HORMIGÓN DOBLE ROSCA ZN - CE OPCIÓN 1

ZP. DUAL THREAD CONCRETE SCREW WITH NUT AND WASHER - CE OPT.1
VIS ZINGUÉ À BÉTON DOUBLE FILETAGE AVEC ÉCROU ET RONDELLE - CE OP.1
DOPPELGEWINDE-BETONSCHRAUBE MIT MUTTER UND SCHEIBE - CE OPT.1

CAJA / *BOX / BOÎTE* — *CE OP.1* — CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	LLAVE *Wrench / Clé* AF/SW	*CT. Extracción *tension load / extraction* kN	*CT. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.		
HXB08090	**8x90**	6	10	5/13	7,62	4,50	75	100	500
HXB08120	**8x120**	6	40	5/13	7,62	4,50	75	100	500
HXB08160	**8x160**	6	80	5/13	7,62	4,50	75	50	250
HXB10105	**10x105**	8	10	7/17	8,89	9,60	90	50	250
HXB10125	**10x125**	8	30	7/17	8,89	9,60	90	50	250
HXB10195	**10x195**	8	100	7/17	8,89	9,60	90	25	125
HXB12118	**12x118**	10	10	8/19	11,90	15,40	100	25	125
HXB12138	**12x138**	10	30	8/19	11,90	15,40	100	25	125
HXB12208	**12x208**	10	100	8/19	11,90	15,40	100	25	125

CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES

- Acero cincado exento de CrVI (conforme ROHS).
- Para fijaciones extra pesadas en hormigón fisurado y no fisurado de clase de resistencia min C20/25 y max C50/60, según la Evaluación Técnica Europea.
- Categoría de prestación C1(Ø 10) y C2-C1 (Ø 12; Ø 16) para fijaciones en zonas sísmicas,según el ETAG 001 - ANNEX E.
- Resistencia al fuego R30-R120 según el Technical Report TR 020.
- Fijación pasante.
- Instalación de la fijación independiente del par de apriete.
- Tiempo de espera nulo para la aplicación de la carga.
- Se puede instalar con distancia al borde y entre ejes reducida respecto a un anclaje de expansión.
- Utilizable también en hormigón de clase inferior a C20/25 y piedra natural maciza (ambas excepciones no están incluidas en el ETA y, por lo tanto, necesitan de ensayos específicos).
- Verificación de la fijación asistida por la computadora con TADS.

CHARACTERISTICS, ADVANTAGES AND APPROVALS

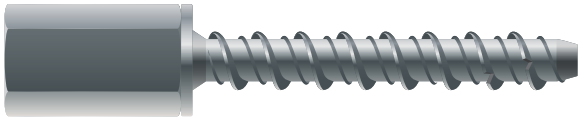
- CrVI free Zinc Plated (in compliance with ROHS).
- For heavy duty fixings in cracked and non-cracked concrete of strength class min C20/25 and max C50/60, according to European Technical Assessment.
- Performance Category C1(Ø 10) and C2-C1 (Ø 12; Ø 16)for use under seismic action, according to ETAG 001 - ANNEX E.
- Fire resistance R30-R120 according to Technical Report TR 020.
- Through fixing (in-place anchorage).
- Fixing installation independent of the torque control.
- Waiting time for loading after installation is not required.
- Reduced edge distance and spacing, in comparison with traditional expansion anchors.
- Also suitable for lower than C20/25 concrete, or for heavy masonry or stones (all the above mentioned cases are NOT covered by ETA, so special tests are required before the installation).
- Item included in TADS for computer aided design of anchorage.

** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, CC.: Carga característica, PA.: Par de apriete. / CT.: Service load, CC.: Characteristic load, PA.: Torque
/ CT.: Charge de travail, CC.: Charge caractéristique, PA.: Couple de serrage / CT.: Dienstbelastung, CC.: charakteristische Belastung, PA.: Anzugsdrehmoment.

TORNILLO DIRECTO HORMIGÓN CON MANGUITO SEPARADOR

ZINC PLATED COUPLING NUT HEAD CONCRETE SCREW
VIS À BÉTON AVEC ECROU DE JONCTION EN ACIER ZINGUÉ
KRAGENBETONSCHRAUBE MONTIERT MIT SECHSKANTMUTTER VERZINKT

ZN · Tecfi Fixing Systems · LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

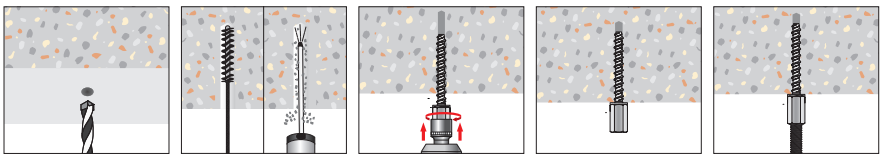


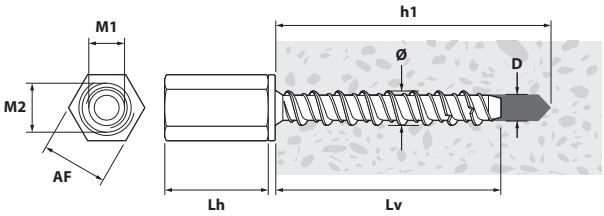
CAJA / *BOX / BOÎTE* — *CE OP.1* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxLv m.m.	MÉTRICA HEX. *Hex. metric / Métrique hex.* M1/M2 m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	HEXÁGONO *Hexagon / Hexagone* AFxLh m.m.		
HXE060637 [1]	**6x37**	M6/M6	5	10x18	100	500
HXE060837 [1]	**6x37**	M6/M8	5	13x30	100	500
HXE080837 [1]	**8x37**	M8/M8	6	13x24	50	250
HXE081037 [1]	**8x37**	M8/M10	6	13x30	50	250
HXE080862 [1,2]	**8x62**	M8/M8	6	13x24	50	250
HXE081062 [1,2]	**8x62**	M8/M10	6	13x30	50	250
HXE101074 [1,2]	**10x74**	M10/M10	8	17x30	25	125

[1] Consultar disponibilidad de las medidas
[2] Certificación pendiente / *Pending certification / Certification en attente / Zertifizierung anhängig*

INSTALACIÓN / *INSTALLATION*





TLLO. DIRECTO HORMIGÓN CABEZA ABOMBADA SST

MUSHROOM HEAD CONCRETE SCREW, SST
VIS À BÉTON BREVETÉ TÊTE RONDE SST
RUNDKOPF-BETONSCHRAUBE SST

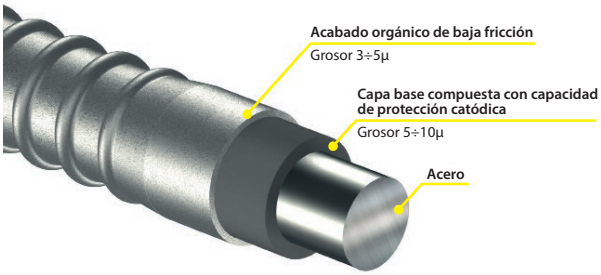
SST · Tecfi Fixing Systems · LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

ACABADO ESPECIAL "STEEL SAVER" 500h
SPECIAL COATING "STEEL SAVER" 500h

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* tfix m.m.	LLAVE *Wrench / Clé* TX	*CC. Extracción *tension load / extraction* kN	*CC. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.		
HXT08060	**8x60**	6	10	T-30	6,8	8,5	65	100	1.000
HXT08080	**8x80**	6	20	T-30	11,2	8,5	75	50	500
HXT08100	**8x100**	6	40	T-30	11,2	8,5	75	50	500
HXT08120	**8x120**	6	60	T-30	11,2	8,5	75	50	500
HXT10060	**10x60**	8	10	T-40	9,2	10,5	70	50	500
HXT10080	**10x80**	8	10	T-40	15,6	18,1	90	50	500
HXT10100	**10x100**	8	30	T-40	15,6	18,1	90	25	250
HXT10120	**10x120**	8	50	T-40	15,6	18,1	90	25	250

CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES



El revestimiento Steelsaver se caracteriza por los siguientes detalles técnicos:
- Resistencia a la corrosión en NSST de 1.000 horas cuando ensayado según ISO 9227:2017.
- Excelente resistencia química a los fluidos industriales.
- Espesores reducidos del recubrimiento (4-5 veces menores) que no afectan la geometría y la funcionalidad del producto, en comparación con el obsoleto recubrimiento galvanizado en caliente.
- Proceso de recubrimiento que no afecte las propiedades mecánicas y metalúrgicas originales del producto.
- Menor coeficiente de fricción.
- Apariencia placentera.
- Bajo impacto ambiental, en cumplimiento de la Directiva RoHS 2 (Directiva 2011/65/UE) y el Reglamento REACH (Reglamento 1907/2006 (CE).

Los anclajes y sistemas de fijación revestidos con Steelsaver son aptos para:
- Entornos de alta salinidad, como las zonas costeras.
- Áreas industriales muy contaminadas o en áreas de procesamiento con atmósferas particularmente agresivas (por ejemplo, ácido).

** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, CC.: Carga característica, PA.: Par de apriete. / CT.: Service load, CC.: Characteristic load, PA.: Torque / CT.: Charge de travail, CC.: Charge caractéristique, PA.: Couple de serrage / CT.: Dienstbelastung, CC.: charakteristische Belastung, PA.: Anzugsdrehmoment.

CÁPSULA METAL + TORNILLO CABEZA HEXAGONAL

SLEEVE ANCHOR METAL WITH FIXED CONE WITH HEXAGONAL HEAD SCREW
CHEVILLE À DOUILLE EN ACIER AVEC VIS TÊTE HEXAGONAL
HÜLSENANKER MIT SECHSKANTSCHRAUBE

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	LLAVE *Wrench / Clé* SW	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN		
MCT06	**M6x45/Ø11**	11	10	9,98	2,60	100	1.200
MCT08	**M8x60/Ø14**	14	13	12,50	4,50	50	300
MCT10	**M10x70/Ø16**	16	17	20,10	6,10	50	300
MCT12	**M12x80/Ø20**	20	19	45,30	10,50	25	150

CÁPSULA METAL ARO

SLEEVE ANCHOR METAL WITH FIXED CONE - EYE BOLT
CHEVILLE À DOUILLE EN ACIER AVEC PITON
HÜLSENANKER MIT AUGENSCHRAUBE

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	LLAVE *Wrench / Clé* SW	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN		
MCA06	**M6x45/Ø11**	11	10	9,98	2,60	100	600
MCA08	**M8x60/Ø14**	14	13	12,50	4,50	50	300
MCA10	**M10x70/Ø16**	16	17	20,10	6,10	25	150
MCA12	**M12x80/Ø20**	20	19	45,30	10,50	20	120

CÁPSULA METAL GANCHO

SLEEVE ANCHOR METAL WITH FIXED CONE - HOOK BOLT
CHEVILLE À DOUILLE EN ACIER AVEC CROCHET
HÜLSENANKER MIT RUNDHAKEN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	LLAVE *Wrench / Clé* SW	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN		
MCG06	**M6x45/Ø11**	11	10	9,98	2,60	100	600
MCG08	**M8x60/Ø14**	14	13	12,50	4,50	50	300
MCG10	**M10x70/Ø16**	16	17	20,10	6,10	25	150
MCG12	**M12x80/Ø20**	20	19	45,30	10,50	20	120

CÁPSULA METAL

SLEEVE ANCHOR METAL WITH FIXED CONE
CHEVILLE À DOUILLE EN ACIER
HÜLSENANKER

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN		
MC06	**M6x45/Ø11**	11	9,98	2,60	100	1.200
MC08	**M8x60/Ø14**	14	12,50	4,50	50	300
MC10	**M10x70/Ø16**	16	20,10	6,10	50	300
MC12	**M12x80/Ø20**	20	45,30	10,50	25	150

** Recomendamos aplicar un coeficiente de seguridad "4" / We recommend applying a safety factor of "4"*
/ Nous recommandons d'appliquer un facteur de de sécurité "4" / Wir empfehlen die Anwendung eines Sicherheitsfaktors von "4"
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

ZAMAK TORNILLO CABEZA HEXAGONAL

SLEEVE ANCHOR ZAMAK WITH FIXED CONE AND HEXAGONAL HEAD SCREW
CHEVILLE À DOUILLE ZAMAK AVEC CÔNE FIXE ET VIS TÊTE HEXAGONAL
HÜLSENANKER MIT FESTEM KONUS UND SECHSKANTSCHRAUBE

Nm ZA ZN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	LLAVE *Wrench / Clé* SW	*CR. Extracción *tension load / extraction* daN	*CR. Cizallado *shear load / cisaillement* daN		
ZT06	**M6x45/Ø12**	12	10	300	400	100	1.200
ZT08	**M8x60/Ø14**	14	13	400	500	50	300
ZT10	**M10x70/Ø16**	16	17	500	700	50	300
ZT12	**M12x80/Ø20**	20	19	600	800	25	150

ZAMAK ARO

SLEEVE ANCHOR ZAMAK WITH FIXED CONE AND EYE
CHEVILLE À DOUILLE ZAMAK AVEC CÔNE FIXE ET PITON
HÜLSENANKER MIT FESTEM KONUS UND AUGENSCHRAUBE

Nm ZA ZN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	LLAVE *Wrench / Clé* SW	*CR. Extracción *tension load / extraction* daN	*CR. Cizallado *shear load / cisaillement* daN		
ZA06	**M6x45/Ø12**	12	10	300	400	100	600
ZA08	**M8x60/Ø14**	14	13	400	500	50	300
ZA10	**M10x70/Ø16**	16	17	500	700	25	150
ZA12	**M12x80/Ø20**	20	19	600	800	20	120

ZAMAK GANCHO

SLEEVE ANCHOR ZAMAK WITH FIXED CONE AND HOOK
CHEVILLE À DOUILLE ZAMAK AVEC CÔNE FIXE ET CROCHET
HÜLSENANKER MIT FESTEM KONUS UND RUNDHAKEN

Nm ZA ZN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	LLAVE *Wrench / Clé* SW	*CR. Extracción *tension load / extraction* daN	*CR. Cizallado *shear load / cisaillement* daN		
ZG06	**M6x45/Ø12**	12	10	110	400	100	600
ZG08	**M8x60/Ø14**	14	13	150	500	50	300
ZG10	**M10x70/Ø16**	16	17	230	700	25	150
ZG12	**M12x80/Ø20**	20	19	330	800	20	120

ZAMAK CÁPSULA

SLEEVE ANCHOR ZAMAK WITH FIXED CONE
CHEVILLE À DOUILLE ZAMAK AVEC CÔNE FIXE
HÜLSENANKER MIT FESTEM KONUS

ZA ZN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	*CR. Extracción *tension load / extraction* daN	*CR. Cizallado *shear load / cisaillement* daN		
ZC06	**M6x45/Ø12**	12	300	400	100	1.200
ZC08	**M8x60/Ø14**	14	400	500	50	300
ZC10	**M10x70/Ø16**	16	500	700	50	300
ZC12	**M12x80/Ø20**	20	600	800	25	150

** Recomendamos aplicar un coeficiente de seguridad "4" / We recommend applying a safety factor of "4"*
/ Nous recommandons d'appliquer un facteur de de sécurité "4" / Wir empfehlen die Anwendung eines Sicherheitsfaktors von "4"
CR.: Carga recomendada, PA.: Par de apriete. / CR.: Recommended loads, PA.: Torque / CR.: Charges recommandées, PA.: Couple de serrage / CR.: Empfohlene Lasten, PA.: Anzugsdrehmoment.

ANCLAJE EXPANDIBLE PARA CARTÓN-YESO CON TORNILLO COMBI

PLASTERBOARD WALL ANCHOR
CHEVILLE À DOUILLE POUR PLAQUES DE PLÂTRE
HÜLSENANKER FÜR GIPSKARTON

ZN Tecfi Fixing Systems LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

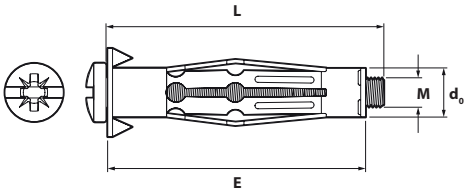
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	Ø BROCA *Drill Ø / Ø Foret* d_0 m.m.	LONGITUD ANCLAJE *Anchor length / Longueur ancrage* E m.m.	PROF. TALADRO *Hole depth / Prof. trou* m.m.	GROSOR PARED *Drywall thickness / Épaisseur du mur* m.m.	GROSOR MAX. PIEZA *Max. thick. fixture* Épaisseur max. fixation m.m.		
EXPLAT04032	**M4x41**	8	33,5	43	3-9	15	100	1.000
EXPLAT04038	**M4x47**	8	39,5	49	8-15	15	100	1.000
EXPLAT04045	**M4x54**	8	46,5	56	16-21	15	100	1.000
EXPLAT04054	**M4x67**	8	60	70	34-38	15	100	1.000
EXPLAT05037	**M5x45**	11	37	47	6-10	15	100	1.000
EXPLAT05052	**M5x60**	11	53	63	6-14	15	100	1.000
EXPLAT05065	**M5x74**	11	65,5	77	14-30	15	100	1.000
EXPLAT06037	**M6x45**	13	38	47	6-11	15	100	1.000
EXPLAT06052	**M6x60**	13	53	63	3-14	20	100	1.000
EXPLAT06065	**M6x74**	13	66	77	14-30	20	100	500
EXPLAT06080	**M6x88**	13	81	92	28-43	20	100	500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/d_0 m.m.		
BFEXPLAT432	**M4x41/Ø8**	30	12
BFEXPLAT438	**M4x47/Ø8**	30	12
BFEXPLAT445	**M4x54/Ø8**	30	12
BFEXPLAT537	**M5x45/Ø11**	25	12
BFEXPLAT552	**M5x60/Ø11**	18	12
BFEXPLAT637	**M6x45/Ø13**	20	12
BFEXPLAT652	**M6x60/Ø13**	15	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG



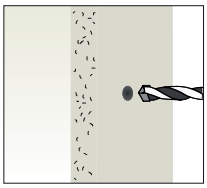
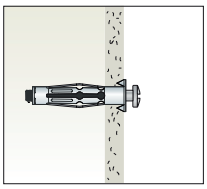
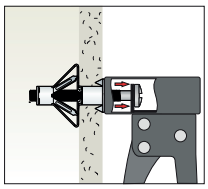
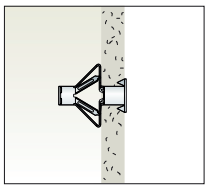
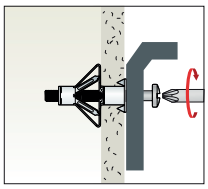
ALICATES PARA ANCLAJES EN MATERIALES HUECOS

TOOLS FOR HOLLOW WALL ANCHORS INSTALLING
OUTILS POUR LA MISE EN OUVRE DES CHEVILLES POUR MURS VIDES
WERKZEUGE FÜR DIE MONTAGE VON DÜBEL FÜR LEEREN WÄNDEN

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	
AP	1

INSTALACIÓN / ***INSTALLATION***

ANCLAJE RESINA POLIESTER - CE OP.7

POLYESTER RESIN ANCHOR
CHEVILLE RÉSINE POLYESTER
POLIESTERHARZ-ANKER

MEDIUM LOADS · INUNDADO · FAST · 180° · ETA

CARGAS MEDIAS
CERTIFICACIÓN PARA HORMIGÓN

ETA 23 CE
DdP nº 2873-CPR-M 574-7
ETA 21/0288 - Opción 7

CAJA / *BOX / BOÎTE* — **CE OP.7**

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
POLI410	**410**	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

Cánula incluida
Static mixer included
Canule inclus

ANCLAJE RESINA EPOXYACRILATO - CE OP. 7

EPOXYACRYLATE RESIN ANCHOR
CHEVILLE RÉSINE EPOXYACRYLATE
EPOXIDHARZ-ANKER

HIGH LOADS · INUNDADO · FAST · 180° · ETA

CARGAS ALTAS
CERTIFICACIÓN PARA HORMIGÓN

ETA 18 CE
DdP nº 1020-CPR-090-041276
ETA 13/0447 - Opción 7

CAJA / *BOX / BOÎTE* — **CE OP.7**

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
EPOX300	**300**	12
EPOX410	**410**	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

Cánula incluida
Static mixer included
Canule inclus

ANCLAJE RESINA POLIESTER SIN ESTIRENO - CE OP. 7

FREE STYRENE POLYESTER RESIN ANCHOR
CHEVILLE RÉSINE POLYESTER SANS STYRÈNE
POLIESTERHARZ-ANKER STYROLFREI

HIGH LOADS · INUNDADO · FAST · 180° · ETA · STYRENE FREE

CARGAS ALTAS
CERTIFICACIÓN PARA HORMIGÓN Y MAMPOSTERÍA

ETA 23 CE
DdP nº 2873-CPR-M 574-6
ETA 21/0303 - Opción 7
DdP nº 2873-CPR-M 574-5
ETA 21/0289 - Opción 7

CAJA / *BOX / BOÎTE* — **CE OP.7**

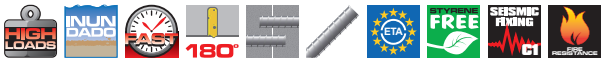
CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
POLIS300	**300**	12
POLIS410	**410**	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

Cánula incluida
Static mixer included
Canule inclus

ANCLAJE RESINA VINILESTER SIN ESTIRENO PLUS - CE OP. 1

FREE STYRENE VINYLESTER PLUS RESIN ANCHOR
CHEVILLE RÉSINE VINILESTER PLUS SANS STYRÈNE
VINILESTERPLUSHARZ-ANKER STYROLFREI



CE 23
DdP nº 2873-CPR-M 574-10
ETA 21/0265 - ETAG 001-1 Opt.1
DdP nº 2873-CPR-M 574-9
ETA 21/0266 - ETAG 029 B,C,W/W
DdP nº 2873-CPR-M 574-1
ETA 21/0264 - ETAG 01-1 TR023

CARGAS ALTAS
CERTIFICACIÓN PARA HORMIGÓN, MAMPOSTERÍA, BARRAS DE REFUERZO Y ESTRUCTURAS

CAJA / *BOX / BOÎTE* — *CE OP.1*

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
VINI410	**410**	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

Cánula incluida
Static mixer included
Canule inclus

CARACTERÍSTICAS, VENTAJAS Y HOMOLOGACIONES

- Sistema de anclaje universal universal de alto rendimiento adecuado para su uso en hormigón fisurado y no fisurado en condiciones normales y sísmicas, y en mampostería.
- En marzo de 2016 recibió una ampliación de la Opción 1 ETA, con los datos sísmicos C1 y aprobaciones para resistencia al fuego (F120) y para contacto con agua potable (NSF / ANSI 61).

Aplicaciones habituales
- Aplicaciones estructurales en hormigón fisurado y no fisurado.
- Barras de refuerzo y arranque.
- Sistemas de ventilación suspendidos.
- Barreras de seguridad.
- Maquinaria pesada.

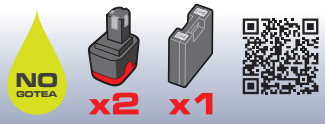
CHARACTERISTICS, ADVANTAGES AND APPROVALS

- High performance universal universal anchoring system suitable for use in cracked and uncracked concrete under normal and seismic conditions, and in masonry.
- In March 2016, it received an extension of Option 1 ETA, with C1 seismic data and approvals for fire resistance (F120) and for contact with drinking water (NSF / ANSI 61).

Common applications
- Structural applications in cracked and non-cracked concrete.
- Reinforcement bars and starter.
- Suspended ventilation systems.
- Security barriers.
- Heavy machinery.

PISTOLA DE BATERÍA PARA RESINA (380 - 410 ml.)

BATTERY GUN FOR RESIN (380 - 410 ml.)
PISTOLET À BATTERIE POUR RÉSINE (380 - 410 ml.)
BATTERIEPISTOLE FÜR HARZ (380 - 410 ml.)



CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
PRBE	**380 - 410**	1

TIPO:	**COAXIAL 10:1, 5:1**
VELOCIDAD MÁX:	**4 mm/sec.**
FUERZA MÁX:	**600kg / 6.000N**
PESO:	**1,5kg**

2 BATERÍAS DE LITIO DE 7.4V - 1.500mAh

HASTA 40 TUBOS CON 1 CARGA

PISTOLA PARA RESINA - SILICONA "SKELETON" (280 - 310 ml.)

GUN FOR RESIN - SILICONE "SKELETON" (280 - 310 ml.)
PISTOLET POUR RÉSINE - SILICONE "SKELETON" (280 - 310 ml.)
PISTOLE FÜR HARZ - SILIKON "SKELETON" (280 - 310 ml.)

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
PSS	**280 - 310**	24

PISTOLA GIRATORIA PARA RESINA - SILICONA (280 - 310 ml.)

ROTATING GUN FOR RESIN - SILICONE (280 - 310 ml.)
PISTOLET ROTATIF POUR RÉSINE - SILICONE (280 - 310 ml.)
DREHPISTOLE FÜR HARZ - SILIKON (280 - 310 ml.)

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
PSG	**280 - 310**	24

PISTOLA ECONÓMICA PARA RESINA (380 - 410 ml.)

ECONOMIC GUN FOR RESIN (380 - 410 ml.)
PISTOLET ÉCONOMIQUE POUR RÉSINE (380 - 410 ml.)
WIRTSCHAFTLICHE PISTOLE FÜR HARZ (380 - 410 ml.)

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
PRA	**380 - 410**	12

PISTOLA GAMA MEDIA PARA RESINA (380 - 410 ml.)

MEDIUM RANGE GUN FOR RESIN (380 - 410 ml.)
PISTOLET MOYENNE PORTÉE POUR RÉSINE (380 - 410 ml.)
PISTOLE MIT MITTLERER REICHWEITE FÜR HARZ (380 - 410 ml.)

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
PR	**380 - 410**	12

MALETÍN DE RESINA "TRAILBOX"

TRAILBOX RESIN CASE
MALETTE ET RÉSINE TRAILBOX
TRAILBOX CASE FÜR HARZ

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	**MODELO** *Model / Modèle*
MPCO	**POLIESTER**
MPSC	**POLIESTER SIN ESTIRENO**

CONTENIDO / *CONTENT / CONTENU*

ARTÍCULO *Article / Article*		**CANTIDAD** *Quantity / Quantité*
PISTOLA DE RESINA MOD.: PRA	RESIN HANDGUN MOD.: PRA	**1**
CARTUCHOS DE RESINA 410ml.	RESIN CARTRIDGES 410ml.	**12**
TAMICES DE 15x85	SLEEVES 15x85	**20**
ESPÁRRAGOS DE M-10x110	RODS M-10x110	**20**
BOQUILLAS	STATIC MIXERS	**24**
BOMBA DE SOPLADO DE 8"	BLOWER PUMP 8"	**1**
CEPILLOS (nº1, nº2 y nº3).	BRUSH (nº1, nº2 y nº3).	**3**

Medidas
Measure / Mesure:
470 x 290 x 630 mm.

Material
Material / Matériel:
PP

MALETÍN DE RESINA PROFESIONAL

PROFESIONAL RESIN CASE
MALETTE ET RÉSINE PROFESSIONELLE
PROFESSIONAL CASE FÜR HARZ

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	**MODELO** *Model / Modèle*
MP	**POLIESTER 410ml**
ME	**EPOXYACRILATO 410ml**
MPS	**POLIESTER S/EST. 300ml**
MPS410	**POLIESTER S/EST. 410ml**
MV	**VINILESTER PLUS 410ml**

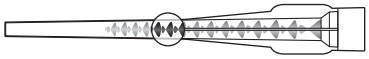
CONTENIDO / *CONTENT / CONTENU*

ARTÍCULO *Article / Article*		**CANTIDAD** *Quantity / Quantité*
PISTOLA DE RESINA MOD.: PRA	RESIN HANDGUN MOD.: PRA	**1**
CARTUCHOS DE RESINA 300/410ml.	RESIN CARTRIDGES 300/410ml.	**4/2**
TAMICES DE 12x80	SLEEVES 12x80	**10**
ESPÁRRAGOS DE M-8x100	RODS M-8x100	**10**
BOQUILLAS	STATIC MIXERS	**5**

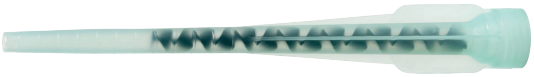
BOQUILLA PARA RESINA

STATIC MIXER FOR CHEMICAL CARTRIDGES
CANULE MÉLANGEUSE POUR RÉSINE
STATISCHE MISCHER FÜR HARZ

NY



Espiral interior para mezclar
Inner spiral for mixing / Spirale intérieure pour mélanger



EMBOLSADO / *BAG / SAC* — **NYLON** / ***NYLON***

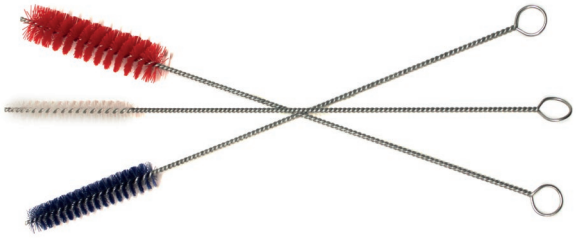
CÓDIGO *Code / Code*		
BO12	12	96

CAJA / *BOX / BOÎTE* — **NYLON** / ***NYLON***

CÓDIGO *Code / Code*		
BO	100	1.000

CEPILLO LIMPIADOR

STATIC MIXER FOR CHEMICAL CARTRIDGES
CANULE MÉLANGEUSE POUR RÉSINE
STATISCHE MISCHER FÜR HARZ



CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	
C1	**8 - 10**	1
C2	**10 - 14**	1
C3	**16 - 28**	1

BOMBA DE SOPLADO

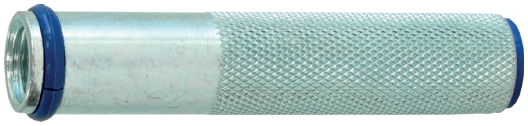
BLOWER PUMP
POMPE SOUFFLANTE
AUSBLASPUMPE

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Pulgadas / Inches / Pouces		
BOMBAP	**8"**	1	24

ANCLAJE HEMBRA PARA RESINA

STEEL BUSH WITH INTERNAL THREAD FOR CHEMICAL ANCHOR
MANCHON AVEC FILETAGE INTÉRIEUR POUR ANCRAGE CHIMIQUE
INNENGEWINDEHÜLSE FÜR CHEMISCHE VERANKERUNG

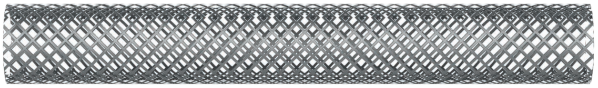


CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
SHR08	**M8x80/Ø12**	15	90	50	600
SHR10	**M10x80/Ø14**	15	90	50	600
SHR12	**M12x80/Ø16**	20	90	25	600

TAMIZ METÁLICO

METALIC PERFORATED SLEEVE FOR CHEMICAL ANCHOR
PASSOIRE EN MÉTAL POUR ANCRAGE CHIMIQUE
METALLSIEBHÜLSE FÜR CHEMISCHE VERANKERUNG



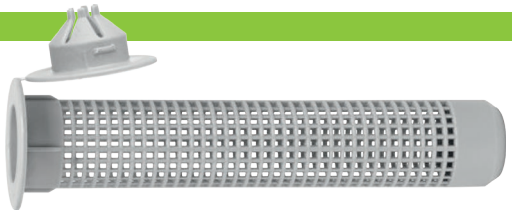
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	MÉTRICA *Metric / Métrique*	
TAM12	**12x1.000**	M6 / M8	10
TAM16	**16x1.000**	M10 / M12	10
TAM22	**22x1.000**	M14 / M16 / M18	5

TAMIZ

PERFORATED SLEEVE FOR CHEMICAL ANCHOR
PASSOIRE POUR ANCRAGE CHIMIQUE
SIEBHÜLSE FÜR CHEMISCHE VERANKERUNG

NY



CAJA / *BOX / BOÎTE*

NYLON / *NYLON*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.	**Ø BROCA** *Drill Ø / Ø Foret* m.m.	**MÉTRICA** *Metric / Métrique*		
TA12050	**12x50**	12	M6 / M8	100	600
TA12080	**12x80**	12	M6 / M8	50	400
TA15085	**15x85**	15	M8 / M10 / M12	40	240
TA15100	**15X100**	15	M8 / M10 / M12	40	240
TA15130	**15x130**	15	M8 / M10 / M12	30	180
TA16085	**16x85**	16	M10 / M12	40	240
TA16130	**16x130**	16	M10 / M12	30	180
TA16330	**16x330**	16	M10 / M12	25	-
TA20085	**20x85**	20	M14 / M16	25	150
TA20200	**20x200**	20	M14 / M16	15	-

BLISTER / *BLISTER / BLISTER*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BTA12080	**12x80**	4	12
BTA15085	**15x85**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TAMIZ ERIZO

"HEDEHOG" PERFORATED SLEEVE FOR CHEMICAL ANCHOR
PASSOIRE "OURSIN" POUR ANCRAGE CHIMIQUE
SIEBHÜLSE FÜR CHEMISCHE VERANKERUNG

NY

CAJA / *BOX / BOÎTE*

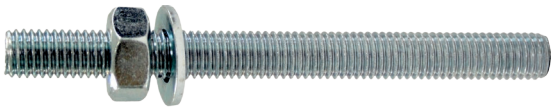
NYLON / *NYLON*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.	**Ø BROCA** *Drill Ø / Ø Foret* m.m.	**MÉTRICA** *Metric / Métrique*		
TAE13100	**13x100**	14	M8 / M10	50	400
TAE15100	**15x100**	16	M10 / M12	50	300

VARILLA, TUERCA Y ARANDELA PARA RESINA

ROD, NUT & WASHER FOR CHEMICAL ANCHOR
TIGE FILETÉE, ÉCROU ET RONDELLE POUR ANCRAGE CHIMIQUE
GEWINDESTANGE MIT SECHSKANTMUTTER UND SCHEIBE FÜR CHEMISCHE VERANKERUNG

ZN



CAJA / *BOX / BOÎTE* — **CINCADO / *ZINC PLATED***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
VRZ06070	**M6x70**	100	1.200
VRZ08100	**M8x100**	100	1.200
VRZ10110	**M10x110**	50	600
VRZ10140	**M10x140**	50	300
VRZ12120	**M12x115**	50	300
VRZ12160	**M12x160**	50	300

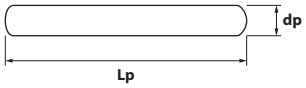
BLISTER / *BLISTER / BLISTER* — **CINCADO / *ZINC PLATED***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BVRZ08100	**M8X100**	4	12
BVRZ10110	**M10X110**	2	12
BVRZ12115	**M12X115**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CÁPSULA QUÍMICA ROTACIÓN SQR

SPIN IN CHEMICAL ANCHOR CAPSULE
SCELLEMENT CHIMIQUE PAR AMPOULE DE ROTATION
VERBUNDANKER

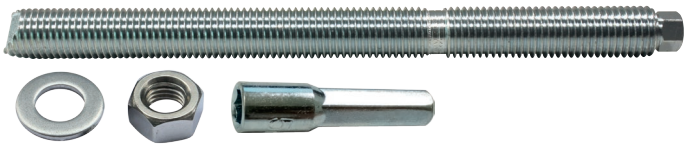


CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	PROF. AGUJERO *Drill depth / Prof. du trou* m.m.	dp m.m.	Lp m.m.		
SQR08	**M8**	10	80	9	80	10	200
SQR10	**M10**	12	90	10,5	85	10	200
SQR12	**M12**	14	110	12,5	95	10	200
SQR16	**M16**	18	125	16,5	95	10	200
SQR20	**M20**	25	170	23	160	5	40
SQR24	**M24**	28	210	23	190	5	40

ESPÁRRAGO QUÍMICO ROTACIÓN SER CINCADO

ZINC PLATED CHEMICAL ANCHOR STUD 45º SLICED, WITH NUT AND WASHER
TIGE FILETÉE COUPÉE À 45º AVEC ÉCROU ET RONDELLE EN ACIER ZINGUÉ
GEWINDESTANGE 45º GESCHNITTEN MIT SCHRAUBENMUTTER UND SCHEIBE



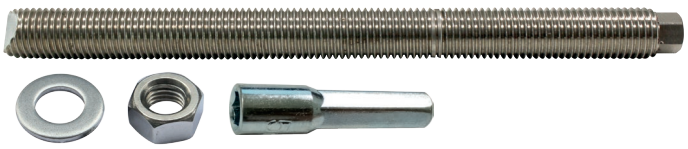
CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	h_{ef} m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	LLAVE *Wrench / Clé* AF		
SER08110	**M8x110**	80	10	5	10	200
SER10130	**M10x130**	90	12	7	10	200
SER12160	**M12x160**	110	14	8	10	200
SER16190	**M16x190**	125	18	12	10	100
SER20260	**M20x260**	170	25	NA	5	30
SER24300	**M24x300**	210	28	NA	5	10

ESPÁRRAGO QUÍMICO ROTACIÓN SER INOXIDABLE A-4

CHEMICAL ANCHOR STUD 45º SLICED, WITH NUT AND WASHER - SS. AISI 316
TIGE FILETÉE COUPÉE À 45º AVEC ÉCROU ET RONDELLE - ACIER INOX. A-4
GEWINDESTANGE 45º GESCHNITTEN MIT SCHRAUBENMUTTER UND SCHEIBE EDELSTAHL A-4



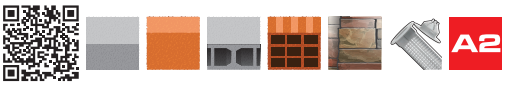
CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	LLAVE *Wrench / Clé* AF		
SER408110	**M8x110**	10	5	10	200
SER410130	**M10x130**	12	7	10	200
SER412160	**M12x160**	14	8	10	200
SER416190	**M16x190**	18	12	10	100
SER420260	**M20x260**	25	NA	5	30
SER424300	**M24x300**	28	NA	5	10

GRAPA VENTILADA INOXIDABLE A-2

STAINLESS STEEL AISI 304 STAPLE
CRAMPON POUR MORTIER EN ACIER INOX. A-2
HEFTKLAMMER AUS EDELSTAHL A-2



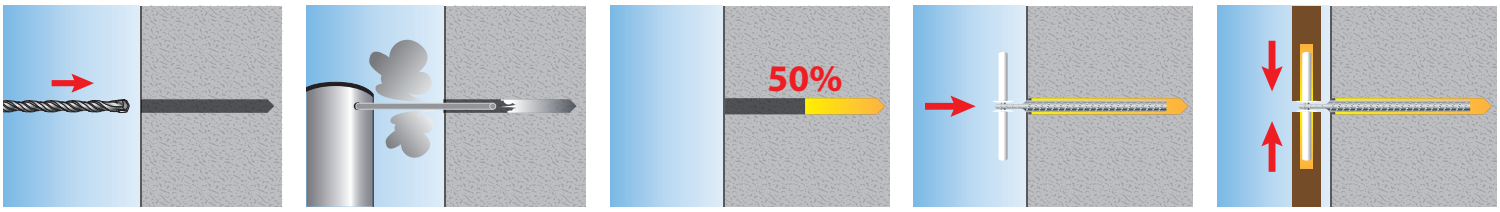
CAJA / *BOX / BOÎTE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	
GAP08120	**8x120**	1.000
GAP08130	**8x130**	1.000
GAP08150	**8x150**	1.000
GAP08160	**8x160**	1.000
GAP08180	**8x180**	1.000
GAP08200	**8x200**	1.000

CAJA / *BOX / BOÎTE* — **INOX. A-2 / S.S. *AISI 304***

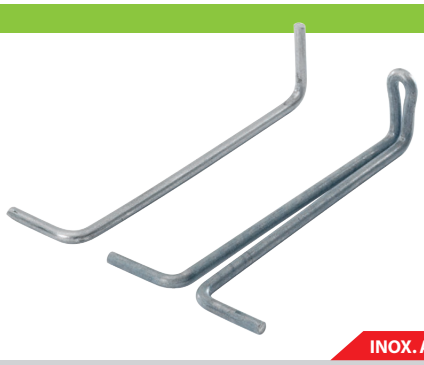
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	
GAP10120	**10x120**	1.000
GAP10130	**10x130**	1.000
GAP10150	**10x150**	1.000
GAP10160	**10x160**	1.000
GAP10180	**10x180**	1.000
GAP10200	**10x200**	1.000
GAP10220	**10x220**	1.000

INSTALACIÓN / *INSTALLATION*



GRAPA PARA AMORTERAR "Z" INOXIDABLE AISI 302

STAINLESS STEEL AISI 302 STAPLE
CRAMPON POUR MORTIER EN ACIER INOX. AISI 302
HEFTKLAMMER AUS EDELSTAHL AISI 302



CAJA / *BOX / BOÎTE* — **INOX. AISI 302 / S.S. *AISI 302***

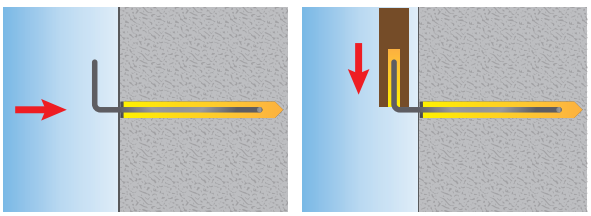
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	MODELO *Model / Modèle*	
GAS	**2,5x70**	SIMPLE / *SINGLE / SIMPLE*	1.000
GAD	**2,5x70**	DOBLE / *DOUBLE / DOUBLE*	1.000

CARACTERÍSTICAS Y VENTAJAS / *CHARACTERISTICS AND ADVANTAGES / CARACTÉRISTIQUES ET VENTILATIONS*

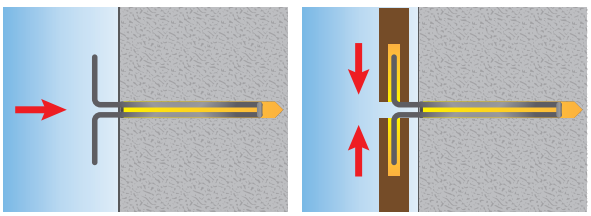
- Fabricado en acero Inoxidable templado y endurecido para obtener la máxima resistencia a la cizalladura.
- Made of hardened stainless steel for maximum shear strength.
- Fabriqué en acier inoxydable trempé et durci pour maximale résistance de cisaillement.

INSTALACIÓN / *INSTALLATION*

GAS



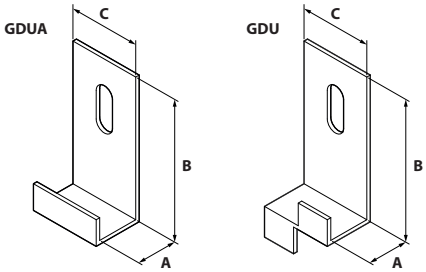
GAD



CONJUNTO DE GRAPA INOXIDABLE A2 PARA FACHADA

STAINLESS STEEL CLAP ASSEMBLY FOR FACADE
ASSEMBLAGE CLAPET INOX POUR FAÇADE
KLAPPE AUS EDELSTAHL FÜR FASSADE

A2



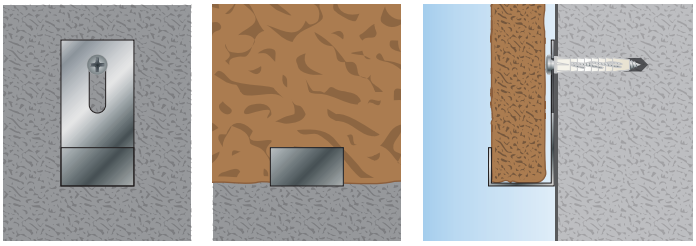
EMBOLSADO / *BAG / SAC*

INOX. A-2 / S.S. *AISI 304*

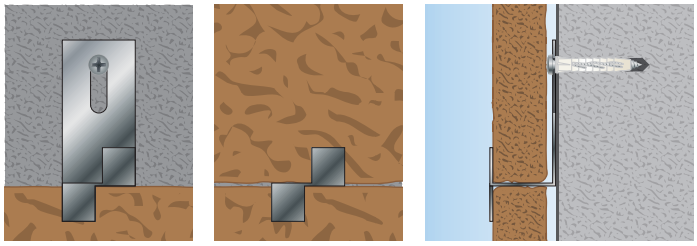
CÓDIGO *Code / Code* **INTERMEDIA** *Intermediate*	CÓDIGO *Code / Code* **ARRANQUE** *Start*	MEDIDA *Measure / Mesure* **AxBxC** m.m.	TORNILLO DIN 7981 A2 *SS. AISI 304 Screw / Vis Inoxidable A2* **ØxL** m.m.	TACO NYLON GTX *GTX nylon plug / Cheville nylon GTX* **ØxL** m.m.		
GDU104020	GDUA104020	**10x40x20**	4,2x38	6x30	1+1+1	1.000
GDU164020	GDUA164020	**16x40x20**	4,2x38	6x30	1+1+1	1.000
GDU206020	GDUA206020	**20x60x20**	4,2x38	6x30	1+1+1	500

INSTALACIÓN / ***INSTALLATION***

GDUA



GDU



SPRAYS DE GALVANIZADO EN FRÍO CINCADO

COLD GALVANIZING SPRAY
SPRAY POUR GALVANISATION À FROID
SPRAY FÜR COLD GALVANISIERTEM

ZN

SPRAY CINCADO GALVANIZADO

Base:	Cincado puro en un 98%
Combustible:	Hidrocarburo natural inodoro, no tóxico, no contiene CFC
Color:	Cincado gris
Tiempo secado:	Secado rápido

SPRAY FOR ZINC PLATED STEEL

Base:	*Pure zinc 98%*
Fuel:	*Natural hydrocarbon odorless, non-toxic, no contains CFC*
Color:	*Grey zinc*
Drying time:	*Fast drying*

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
SPRAYZ	**400**	12

SPRAYS DE GALVANIZADO EN FRÍO INOXIDABLE

COLD GALVANIZING SPRAY
SPRAY POUR GALVANISATION À FROID
SPRAY FÜR COLD GALVANISIERTEM

INOX

SPRAY ACERO INOXIDABLE

Base:	Acero inox en vehículo sintético
Combustible:	Hidrocarburo natural inodoro, no tóxico, no contiene CFC
Color:	Metálico
Tiempo secado:	Secado rápido

SPRAY FOR STAINLESS STEEL

Base:	*Stainless steel synthetic vehicle*
Fuel:	*Natural hydrocarbon odorless, non-toxic, no contains CFC*
Color:	*Metallic*
Drying time:	*Fast drying*

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CONTENIDO *Content / Contenu* ml.	
SPRAYA2	**400**	12

ARO ANDAMIO

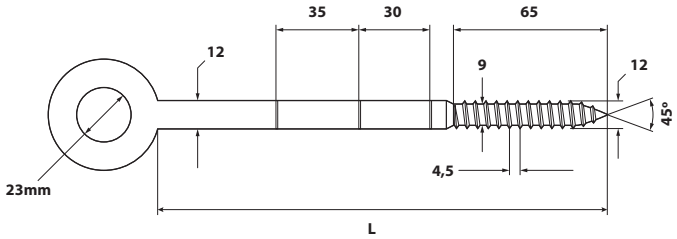
WELDED EYEBOLT FOR SCAFFOLDS
PITON POUR FIXATION D'ÉCHAFAUDAGE
GESCHWEISSTE RINGSCHRAUBE FÜR GERÜSTE

ZN

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

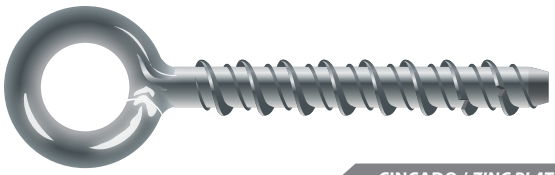
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø INT. *Ø Int. / Ø Int.* m.m.		
AROZ12090	**12x90**	23	50	100
AROZ12120	**12x120**	23	25	100
AROZ12160	**12x160**	23	25	100
AROZ12190	**12x190**	23	25	100
AROZ12230	**12x230**	23	25	100
AROZ12300	**12x300**	23	25	100
AROZ12350	**12x350**	23	10	60



ARO ANDAMIO DIRECTO HORMIGÓN

EYEBOLT CONCRETE SCREW FOR SCAFFOLDS
PITON À BETON POUR FIXATION D'ÉCHAFAUDAGE
GESCHWEISSTE BETONRINGSCHRAUBE FÜR GERÜSTE

ZN Tecfi Fixing Systems LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

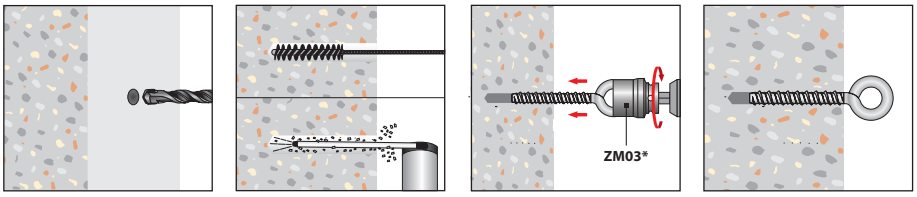


CAJA / *BOX / BOÎTE*

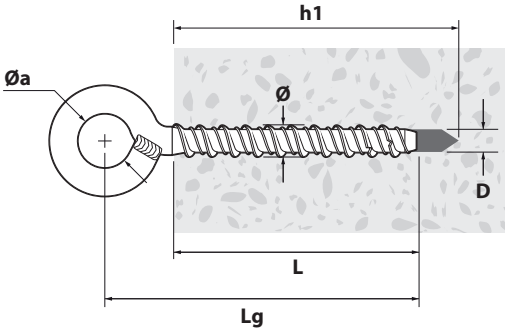
CINCADO / *ZINC PLATED*

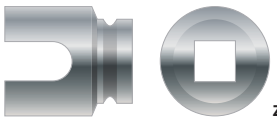
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL/Lg m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.	Øa m.m.	*CC. HORMIGÓN C20/25 Extracción *tension load / extraction* kN	Cizallado *shear load / cisaillement* kN		
FX0114080	**14x80/105**	12	95	23	16,60	17,50	20	100
FX0114105	**14x105/130**	12	115	23	20,45	17,50	20	100

INSTALACIÓN / ***INSTALLATION***



* Se recomienda una instalación con vaso de impacto especial ZM03 / *An installation with the special ZM03 impact socket is recommended*





** Rendimiento en hormigón no fisurado C20/25 / Performance in uncracked concrete C20/25 / Performance en béton non fissuré C20/25 / Leistung in ungerissenem Beton C20/25*
CT.: Carga de trabajo, CC.: Carga característica, PA.: Par de apriete. / CT.: Service load, CC.: Characteristic load, PA.: Torque
/ CT.: Charge de travail, CC.: Charge caractéristique, PA.: Couple de serrage / CT.: Dienstbelastung, CC.: charakteristische Belastung, PA.: Anzugsdrehmoment.

TAPÓN DE NYLON PARA ARO ANDAMIO

CAP FOR WALLPLUG
BOUCHON POUR FORET
KAPPE FÜR WANDSTECKLÖCHERN

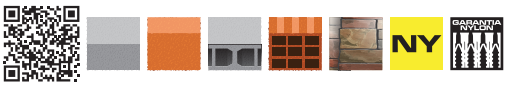
CAJA / *BOX / BOÎTE*

NYLON / *NYLON*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	Ø CABEZA *Head Ø / Ø Tête* m.m.		
TAA	**12X48**	14	26	100	600

TACO NYLON PARA ARO ANDAMIO

NYLON PLUG FOR SCAFFOLDS EYEBOLT
CHEVILLE NYLON POUR FISATION D'ÉCHAFAUDAGE
NYLONDÜBEL FÜR GERÜSTE RINGSCHRAUBE



ESTANDAR / *STANDARD*

TRIPLE EXPANSIÓN / *3 WINGS*

CAJA / *BOX / BOÎTE*

NYLON / *NYLON*

CÓDIGO *Code / Code* **ESTANDAR** *Standard*	CÓDIGO *Code / Code* **TRIPLE EXP.** *3 WINGS*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* D m.m.	PROF. TALADRO *Hole depth / Prof. trou* m.m.			
TN14100	TNT14100	**14x100**	14	105	50	300	1.500

FIXBOLT HEMBRILLA RABO DE CERDO

SLEEVE ANCHOR BENT HOOK
CHEVILLE À DOUILLE AVEC CROCHET PLIÉ
HÜLSENANKER MIT VERBOGEN-HAKEN

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* S	PA. Nm	*CMA. Extracción *tension load / extraction* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.	
FHRC10C	**M8x60/Ø10**	13	25	1,45	65	100

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

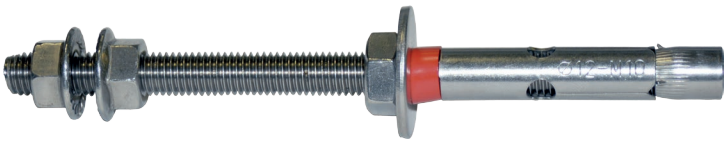
LUSAN SOLAR

FIJACIONES PARA CAPTADORES TÉRMICOS Y FOTOVOLTAICOS

ANCHORS FOR THERMAL COLLECTORS AND PHOTOVOLTAICS MODULES
ANCRAGES POUR CAPTEURS THERMIQUES ET PHANNEUS PHOTOVOLTAÏQUES
ANKER FÜR THERMISCHE KOLLEKTOREN UND PHOTOVOLTAIK MODULES

FIXBOLT ESPÁRRAGO INOXIDABLE A2

SOLAR STUD SET
ASSEMBLAGE DU GOUJON SOLAIRE
SOLARBOLZENMONTAGE

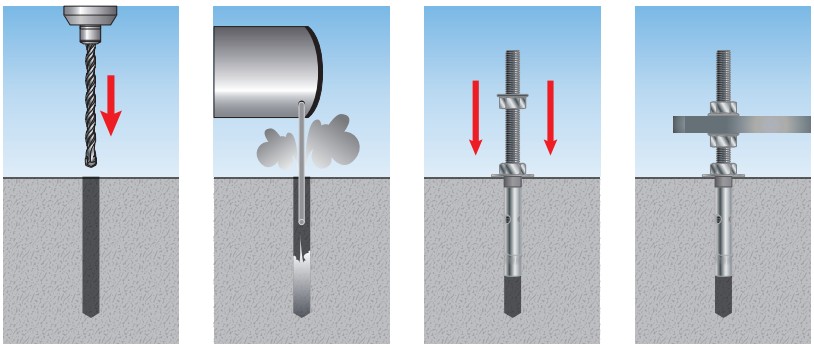


CAJA / *BOX / BOÎTE*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* SW	PA. Nm	*CMA. Extracción *tension load / extraction* kN	*CMA. Cizallado *shear load / cisaillement* kN	PROF. TALADRO *Hole depth / Prof. trou* m.m.	
FES212C	**M10x150/Ø12**	17	35	6,00	8,50	75	100

INSTALACIÓN / ***INSTALLATION***



CONJUNTO ESPÁRRAGO SOLAR INOXIDABLE A2

SOLAR STUD SET
ASSEMBLAGE DU GOUJON SOLAIRE
SOLARBOLZENMONTAGE

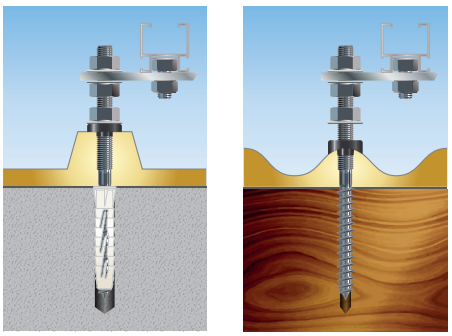
Tecfi Fixing Systems — LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CAJA / *BOX / BOÎTE*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	LLAVE *Wrench / Clé* S/SW	Ø BROCA *Drill Ø / Ø Foret* D m.m.		
CESA210160	**M10x160/Ø10**	7/17	10	25	125
CESA210200	**M10x200/Ø10**	7/17	10	25	125
CESA210250	**M10x250/Ø10**	7/17	10	25	125

INSTALACIÓN / ***INSTALLATION***



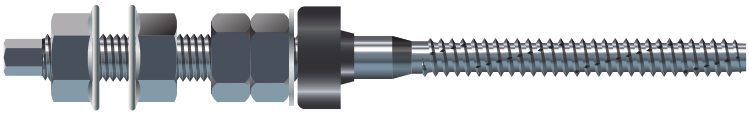
MAS MEDIDAS DISPONIBLES,
CONSULTE NUESTRO DEPARTAMENTO COMERCIAL

MORE MEASURES AVAILABLE,
CONSULT OUR COMMERCIAL DEPARTMENT
PLUS DE MESURES DISPONIBLES,
CONSULTEZ NOTRE SERVICE COMMERCIAL
WEITERE MASSNAHMEN VERFÜGBAR,
KONSULTIEREN SIE UNSERE HANDELSABTEILUNG

** Coeficiente de seguridad ETAG incluido / ETAG safety factor included / * Coefficient de sécurité ETAG inclus / * Sicherheitsfaktor enthalten ETAG*
CMA.: Carga máxima admisible, PA.: Par de apriete. / CMA.: Maximum allowable load. PA.: Torque / CMA.: Charge maximale admisible. PA.: Couple de serrage / CMA.: Maximal zulässige Belastung, PA.: Anzugsdrehmoment.

CONJUNTO ESPÁRRAGO SOLAR AUTORROSCANTE INOXIDABLE A2

SELF TAPPING SOLAR STUD SET
ASSEMBLAGE DU GOUJON SOLAIRE AUTO-TARAUDAGE
SELBSTSCHNEIDENDE SOLARBOLZENMONTAGE

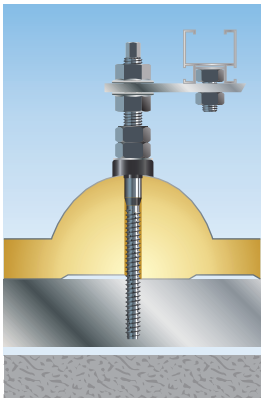


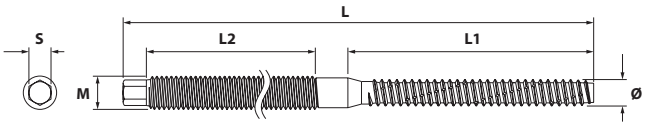
CAJA / *BOX / BOÎTE*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* **MxL/Ø** m.m.	LARGO RA *Length / Long* **L1** m.m.	LARGO RM *Length / Long* **L2** m.m.	LLAVE *Wrench / Clé* S/SW	*RCT. Nm		
RWA21020008	**M10x200/Ø8**	70	110	7/17	40	25	125
RWA21025008	**M10x250/Ø8**	70	160	7/17	40	25	125

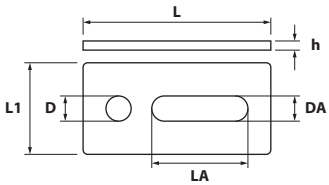
INSTALACIÓN / ***INSTALLATION***





PLETINA SOLAR PF-51 INOXIDABLE A2

STAINLESS STEEL HEAVY PLATE WITH HOLE LOOP AND LOOP
PLAQUE LOURDE EN ACIER INOX. A2
SCHWERPLATTE AUS EDELSTAHL A2



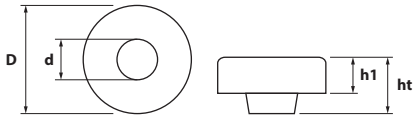
CAJA / *BOX / BOÎTE*

INOX. A-2 / S.S. *AISI 304*

CÓDIGO *Code / Code*	TORNILLO *Screw / Vis* **M** m.m.	MEDIDA *Measure / Mesure* **LxL1xh** m.m.	D m.m.	DAxLA m.m.		
PF0808240	**M8**	82x40x4	9	11x42	20	200
PF1008240	**M10**	82x40x4	11	11x42	20	200
PF1208240	**M12**	82x40x4	13	11x42	20	200
PF1011040	**M10**	110x40x4	11	11x42	15	90
PF1211040	**M12**	110x40x4	13	11x42	15	90

ARANDELA ESPECIAL EDPM

EPDM ESPECIAL GASKET
RONDELLE SPÉCIAL EPDM
EDPM-SPEZIALUNTERLEGSCHEIBE



CAJA / *BOX / BOÎTE*

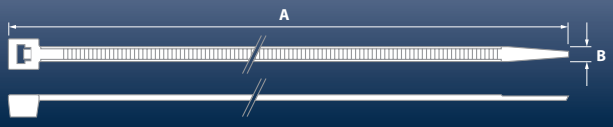
CÓDIGO *Code / Code*	TORNILLO *Screw / Vis* **M/Ø** m.m.	MEDIDA *Measure / Mesure* **dxDxh1xht** m.m.	
ANE10	**M10/Ø10**	9x24x8x12,5	200

** RCT: Resistencia característica a la torsión / RCT: characteristic torque moment / RCT: Résistance caractéristique à la torsion / RCT: Charakteristisches drehmoment*

BRIDAS DE NYLON POLYAMIDA 6.6 EN BLANCO Y NEGRO

BLACK & WHITE NYLON CABLE TIES
COLLIERS DE SERRAGE EN NYLON, BLANC ET NOIR
KABELBINDER AUS NYLON, WEISS UND SCHWARZ

NY CE UL LISTED GARANTIA NYLON

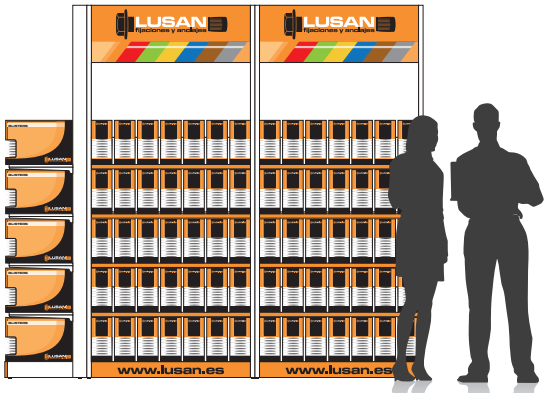


BOLSA / *BAG / SAC* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRA *Black/Noir*	CÓDIGO *Code / Code* BLANCA *White/Blanc*	MEDIDA *Measure / Mesure* BxA m.m.	Ø MÁX. DE CIERRE *Max. closure Ø* *Ø Max fermeture* m.m.		
BN0250098	BB0250098	**2,5x98**	21	100	30.000
BN0260135	BB0260135	**2,6x135**	32	100	25.000
BN0260160	BB0260160	**2,6x160**	40	100	20.000
BN0260200	BB0260200	**2,6x200**	52	100	20.000
BN0360140	BB0360140	**3,6x140**	35	100	30.000
BN0360200	BB0360200	**3,6x200**	50	100	12.000
BN0360290	BB0360290	**3,6x290**	80	100	13.000
BN0360370	BB0360370	**3,6x370**	103	100	8.000
BN0450120	BB0450120	**4,5x120**	40	100	25.000
BN0450160	BB0450160	**4,5x160**	24	100	10.000
BN0480178	BB0480178	**4,8x178**	45	100	10.000
BN0480200	BB0480200	**4,8x200**	50	100	10.000
BN0480250	BB0480250	**4,8x250**	68	100	10.000
BN0480290	BB0480290	**4,8x290**	79	100	10.000

BOLSA / *BAG / SAC* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRA *Black/Noir*	CÓDIGO *Code / Code* BLANCA *White/Blanc*	MEDIDA *Measure / Mesure* BxA m.m.	Ø MÁX. DE CIERRE *Max. closure Ø* *Ø Max fermeture* m.m.		
BN0480360	BB0480360	**4,8x360**	103	100	8.000
BN0480430	BB0480430	**4,8x430**	115	100	5.000
BN0780180	BB0780180	**7,8x180**	45	100	5.000
BN0780240	BB0780240	**7,8x240**	63	100	4.000
BN0780300	BB0780300	**7,8x300**	80	100	4.000
BN0780365	BB0780365	**7,8x365**	100	100	3.000
BN0780450	BB0780450	**7,8x450**	130	100	2.500
BN0780540	BB0780540	**7,8x540**	130	100	2.500
BN0780750	BB0780750	**7,8x750**	200	100	1.500
BN0900780	BB0900780	**9,0x780**	233	100	1.000
BN0901220	BB0901220	**9,0x1.220**	375	100	1.000
BN1260500	BB1260500	**12,6x500**	143	50	1.000
BN1260720	BB1260720	**12,6x720**	213	50	1.000
BN1261000	BB1261000	**12,6x1.000**	302	50	1.000



AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRA *Black/Noir*	CÓDIGO *Code / Code* BLANCA *White/Blanc*	MEDIDA *Measure / Mesure* BxA m.m.	
BNE0250098	BBE0250098	**2,5x98**	3.000
BNE0260135	BBE0260135	**2,6x135**	3.000
BNE0260160	BBE0260160	**2,6x160**	2.000
BNE0260200	BBE0260200	**2,6x200**	2.000
BNE0360140	BBE0360140	**3,6x140**	2.000
BNE0360200	BBE0360200	**3,6x200**	2.000
BNE0360290	BBE0360290	**3,6x290**	1.000
BNE0360370	BBE0360370	**3,6x370**	1.000
BNE0450120	BBE0450120	**4,5x120**	2.000
BNE0450160	BBE0450160	**4,5x160**	2.000

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRA *Black/Noir*	CÓDIGO *Code / Code* BLANCA *White/Blanc*	MEDIDA *Measure / Mesure* BxA m.m.	
BNE0480178	BBE0480178	**4,8x178**	2.000
BNE0480200	BBE0480200	**4,8x200**	2.000
BNE0480250	BBE0480250	**4,8x250**	2.000
BNE0480290	BBE0480290	**4,8x290**	1.000
BNE0480360	BBE0480360	**4,8x360**	1.000
BNE0780180	BBE0780180	**7,8x180**	1.000
BNE0780240	BBE0780240	**7,8x240**	1.000
BNE0780300	BBE0780300	**7,8x300**	1.000
BNE0780365	BBE0780365	**7,8x365**	800

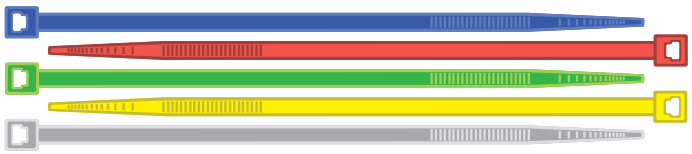
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

Los colores impresos aquí son aproximados, para solicitar muestras contacte con nosotros. / Printed colors here are approximate, to request samples contact us.
Les couleurs imprimées ici sont approximatives, pour commander des échantillons contactez-nous. / Die hier gedruckten Farben sind ungefähre Angaben, um Muster anzufordern, kontaktieren Sie uns.

BRIDAS DE NYLON POLYAMIDA 6.6 DE COLOR

COLOURED NYLON CABLE TIES
COLLIERS DE SERRAGE EN NYLON DE COULERUS
FARBIGE KABELBINDER AUS NYLON

NY CE UL LISTED GARANTIA NYLON



BOLSA / *BAG / SAC* — **NYLON / *NYLON***

CÓDIGO *Code / Code* AZUL *Blue/Bleu*	CÓDIGO *Code / Code* ROJA *Red/Rouge*	CÓDIGO *Code / Code* VERDE *Green/Vert*	CÓDIGO *Code / Code* AMARILLO *Yellow/Jaune*	CÓDIGO *Code / Code* GRIS *Grey/Gris*	MEDIDA *Measure / Mesure* BxA m.m.	Ø MÁXIMO DE CIERRE *Max. closure Ø / Ø Max fermeture* m.m.		
BZ025098	BR025098	BV025098	BA025098	-	**2,5x98**	21	100	5.000
BZ036140	BR036140	BV036140	BA036140	-	**3,6x140**	35	100	5.000
BZ036200	BR036200	BV036200	BA036200	-	**3,6x200**	50	100	5.000
BZ048200	BR048200	BV048200	BA048200	BG048200	**4,8x200**	50	100	5.000
BZ048290	BR048290	BV048290	BA048290	BG048290	**4,8x290**	79	100	5.000

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code* AZUL *Blue/Bleu*	CÓDIGO *Code / Code* ROJA *Red/Rouge*	CÓDIGO *Code / Code* VERDE *Green/Vert*	CÓDIGO *Code / Code* AMARILLO *Yellow/Jaune*	CÓDIGO *Code / Code* GRIS *Grey/Gris*	MEDIDA *Measure / Mesure* BxA m.m.	Ø MÁXIMO DE CIERRE *Max. closure Ø / Ø Max fermeture* m.m.		
BZE025098	BRE025098	BVE025098	BAE025098	-	**2,5x98**	21	100	3.000
BZE036140	BRE036140	BVE036140	BAE036140	-	**3,6x140**	35	100	2.000
BZE036200	BRE036200	BVE036200	BAE036200	-	**3,6x200**	50	100	2.000
BZE048200	BRE048200	BVE048200	BAE048200	BGE048200	**4,8x200**	50	100	2.000
BZE048290	BRE048290	BVE048290	BAE048290	BGE048290	**4,8x290**	79	100	1.000

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

RAL 5010 RAL 3000 RAL 6032 RAL 1021 RAL 7035

BRIDAS DE NYLON RECUPERABLES EN BLANCO Y NEGRO

NYLON RECOVERABLE CABLE TIES
COLLIERS RÉCUPÉRABLES EN NYLON
LÖSBARE KABELBINDER AUS NYLON

NY CE GARANTIA NYLON

MEDIDAS / *Measures / Mesures:*
- **3,5x250**
- **3,5x280**

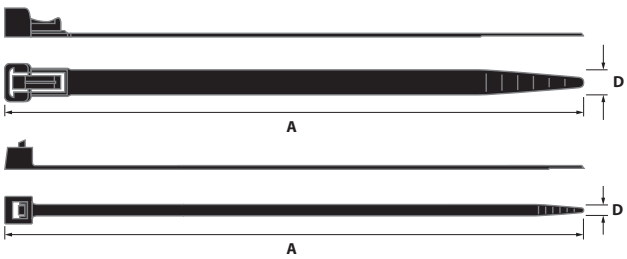
MEDIDAS / *Measures / Mesures:*
- **7,5x250**
- **7,5x360**

BOLSA / *BAG / SAC* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRA *Black/Noir*	CÓDIGO *Code / Code* BLANCA *White/Blanc*	MEDIDA *Measure / Mesure* BxA m.m.	Ø MÁXIMO DE CIERRE *Max. closure Ø / Ø Max fermeture* m.m.		
BRN35250	BRB35250	**3,5x250**	68	100	13.000
BRN35280	BRB35280	**3,5x280**	80	100	13.000
BRN75250	BRB75250	**7,5x250**	65	100	5.000
BRN75360	BRB75360	**7,5x360**	100	100	5.000

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRA *Black/Noir*	CÓDIGO *Code / Code* BLANCA *White/Blanc*	MEDIDA *Measure / Mesure* BxA m.m.	
BRNE35250	BRBE35250	**3,5x250**	1.000
BRNE35280	BRBE35280	**3,5x280**	1.000
BRNE75250	BRBE75250	**7,5x250**	1.000
BRNE75360	BRBE75360	**7,5x360**	800

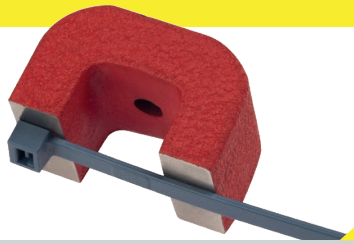


PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

BRIDAS DE NYLON DETECTABLES

NYLON TIE READABLE BY METAL DETECTOR
COLLIER EN NYLON DÉTECTABLE PAR UN DÉTECTEUR DE MÉTAL
NYLONSCHELLE, DIE DURCH DEN METAL DETECTOR ERFASST WIRD

NY CE GARANTIA NYLON



BOLSA / *BAG / SAC*

NYLON / *NYLON*

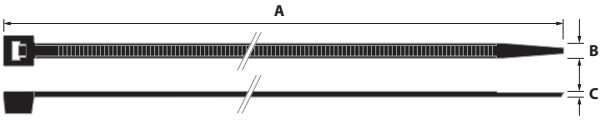
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* BxA m.m.	C m.m.	Ø MÁXIMO DE CIERRE *Max. closure Ø / Ø Max fermeture* m.m.		
BND25100	**2,5x100**	1,08-1,10	21	100	5.000
BND35140	**3,5x140**	1,10-1,40	35	100	5.000
BND45200	**4,5x200**	1,30-1,50	50	100	5.000
BND45250	**4,5x250**	1,30-1,50	68	100	5.000
BND45380	**4,5x380**	1,30-1,50	103	100	3.500
BND75360	**7,5x360**	1,80-2,00	100	100	1.500

CARACTERÍSTICAS Y VENTAJAS

- Están indicadas para aplicaciones en la industria alimentaria, farmacéutica y química; usos en los que, por motivos de seguridad, los fragmentos de brida, que pueden perderse entre los productos, deben detectarse con un detector de metales

CHARACTERISTICS AND ADVANTAGES

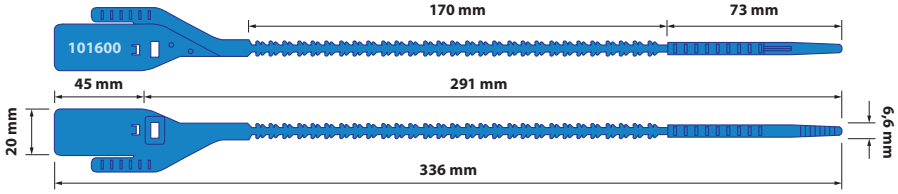
- *They are recommended in the food, pharmaceutical and chemical industry; in these applications, for safety reasons it is important that possible fragments of these ties, lost among products, must be able to be located by means of a metal detector*



BRIDA DE SEGURIDAD DE POLIPROPILENO

POLYPROPYLENE TAMPER EVIDENT SEALS
SCELLÉS DE SÉCURITÉ EN POLYPROPILÈNE
SICHERHEITSPLOMBE AUS POLYPROPILEN

PP CE



CAJA / *BOX / BOÎTE*

POLIPROPILENO / *POLYPROPYLENE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	
BS66336	**6,6x336**	300

CARACTERÍSTICAS Y VENTAJAS

- Numeración progresiva
- El precinto de seguridad está fabricado en tecnopolímero y se caracteriza por un cuerpo de espina de pescado, una cabeza rectangular con un sistema de apertura/desenganche y un señalizador con arpones.
- El producto, diseñado para aplicaciones que requieren un alto grado de seguridad, permite detectar fácilmente las manipulaciones y/o los robos.
- El precinto de seguridad puede ser colocado a mano.

CHARACTERISTICS AND ADVANTAGES

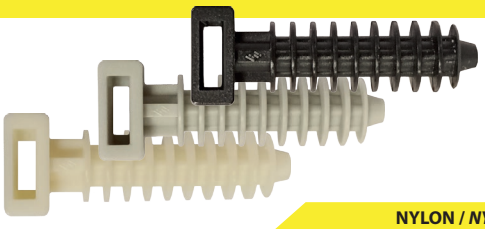
- *Progressive number*
- *Tamper evident seals are made of engineering plastic. They feature a herring bone body, a rectangular head with a release/attach system and an ID tag with spikes.*
- *Designed for applications that require a high degree of safety, they allow for easy detection of tampering and/or break-ins.*
- *Security seals can be applied by hand.*

Método de apertura del precinto después de la aplicación: Desgarre la lengüeta hacia arriba, reteniendo la etiqueta del precinto con la cara, donde aparece la parte saliente, dirigida hacia arriba. / *Seal opening after the installation: Tear the tongue off upwards keeping the label of the seal upwards where the prominent side appears. / Modalités d'ouverture du scellé après application: Arracher la languette vers le haut en gardant tournée vers le haut la face de l'étiquette du scellé sur laquelle se trouve la partie en saillie.*

Los colores impresos aquí son aproximados, para solicitar muestras contacte con nosotros. / Printed colors here are approximate, to request samples contact us.
Les couleurs imprimées ici sont approximatives, pour commander des échantillons contactez-nous. / Die hier gedruckten Farben sind ungefähre Angaben, um Muster anzufordern, kontaktieren Sie uns.

TACO FIJACIÓN PARA BRIDAS DE NYLON

NYLON CABLE TIES PRESS-FIT PLUG
EMBASE A CHEVILLE POUR COLLIER EN NYLON
STECKDÜBEL FÜR KABELBINDER

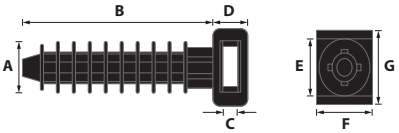


BOLSA / *BAG / SAC* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRO *Black/Noir*	CÓDIGO *Code / Code* BLANCO *White/Blanc*	CÓDIGO *Code / Code* GRIS *Grey/Gris*	MEDIDA *Measure / Mesure* Ø (AxB) m.m.	C m.m.	D m.m.	E m.m.	F m.m.	G m.m.		
TB6	-	-	**Ø6 (7,6x29,7)**	2,5	6,3	9	11,1	14,5	100	5.000
TB8	TBB8	TBG8	**Ø8 (10,3x35,4)**	3,0	6,3	9	11,1	14,5	100	5.000

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

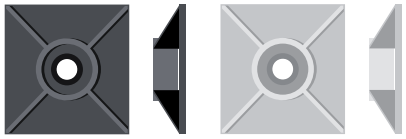
CÓDIGO *Code / Code* NEGRO *Black/Noir*	CÓDIGO *Code / Code* BLANCO *White/Blanc*	CÓDIGO *Code / Code* GRIS *Grey/Gris*	MEDIDA *Measure / Mesure* Ø (AxB) m.m.	
TBNE6	-	-	**Ø6 (7,6x29,7)**	1.000
TBNE8	TBBE8	TBG8	**Ø8 (10,3x35,4)**	1.000



PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

BASE ADHESIVA PARA BRIDAS DE NYLON

NYLON SQUARE BASE WITH DUAL-ADHESIVE
EMBASE CARRÉE EN NYLON AVEC BI-ADHESIVE
MONTAGESOCKEL VIERECKING AUS NYLON GERICHTET MIT KLEBESTREIFEN

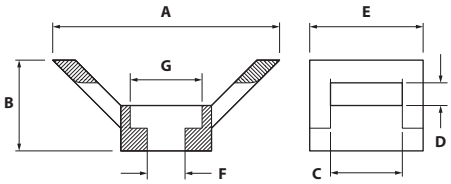


BOLSA / *BAG / SAC* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRA *Black/Noir*	CÓDIGO *Code / Code* BLANCA *White/Blanc*	MEDIDA *Measure / Mesure* BxA m.m.	ANCHO BRIDA *Tie width / Largeur collier* m.m.		
BASEADN19	BASEADB19	**19x19**	4	100	3.000
BASEADN27	BASEADB27	**27x27**	4,8	100	3.000

SOPORTE PARA BRIDAS

SADDLE-TYPE MOUNT
EMBASE BERCEAU
SATTELSCHRAUBHALTERUNG



BOLSA / *BAG / SAC* — **NYLON / *NYLON***

CÓDIGO *Code / Code* NEGRO *Black/Noir*	CÓDIGO *Code / Code* BLANCO *White/Blanc*	ANCHO MÁX. BRIDA *Max. width / Largeur max.* m.m.	A m.m.	B m.m.	C m.m.	D m.m.	E m.m.	F m.m.	G m.m.		
SBN	SBB	**9**	30	12	9,5	3	15	5	9,5	100	3.000

TENSOR DE BRIDAS

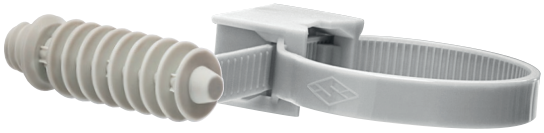
COLLAR FASTENING METAL PLIER
TENSEUR DE COLLIER DE SERRAGE
KABELSCHELLENZANGE AUS METAL

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	ANCHO MÁXIMO *Max. Width / Largeur Max.* m.m.	GROSOR MÁXIMO *Max. Thickness / Épaisseur Max.* m.m.	
TENSORE	**9,5**	**2,3**	1

BRIDAS DE NYLON PARA TUBO

NYLON PIPE FLANGE
COLLIERS DE TUBE EN NYLON
ROHRFLANSCH AUS NYLON



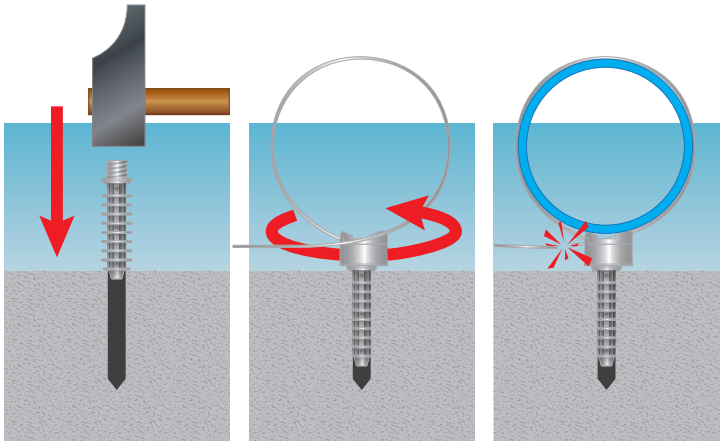
BOLSA / *BAG / SAC* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*	MEDIDA *Measure / Mesure*	Ø TUBO MIN-MÁX *Min-Max Pipe Ø / Ø Tube Min-Max*		
	m.m.	m.m.	m.m.		
BT	Brida para tubo / Pipe flange	**7x65**	16 - 32	100	2.000
TBR	Taco brida roscado / Threaded press-fit plug	**M7 / Ø8**	-	100	2.000

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	
	m.m.	
BTE	**7x65**	600
TBRE	**M7 / Ø8**	1.000

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG



INSTALACIÓN / *INSTALLATION / INSTALLATION*

- Introducir a golpe el taco brida dejando la rosca superior visible.
- Roscar la brida para tubo en el taco hasta quedar bien sujeta.
- Colocar el tubo ajustando la brida y cortando la parte restane.

- *Plug-in installation leaving the top thread visible.*
- *Screw the pipe flange on the stud to be secure.*
- *Place the tube adjusting the tie and cutting the rest.*

- *Entrez un coup le tacet de collier laissant le fil supérieur visible.*
- *Visser le collier sur le tacet pour être sûr.*
- *Placer le tube ajustant le collier et couper le reste*

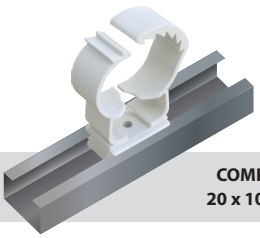
ABRAZADERA DE NYLON UNIVERSAL

UNIVERSAL NYLON PIPE FLANGE
COLLIERS DE TUBE UNIVERSEL EN NYLON
UNIVERSAL ROHRFLANSCH AUS NYLON

Cobre / *Cooper / Cuivre*
Plástico / *Plastic / Plastique*

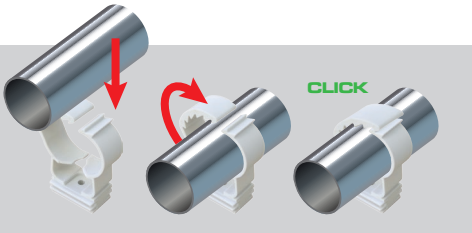
CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code* **BLANCO** *White/Blanc*	CÓDIGO *Code / Code* **GRIS** *Grey/Gris*	Ø TUBO / *Pipe Ø / Ø Tuve* m.m.	m.m.		
ANU1518	ANUG1518	**15-18**	**15-18**	100	600
ANU2025	ANUG2025	**22**	**20-25**	50	300
ANU2532	ANUG2532	**28**	**25-32**	50	200



COMPATIBLE CON GUÍAS DE:
20 x 10 / 25 x 7,5 / 27 x 18 mm

INSTALACIÓN RÁPIDA
QUICK INSTALLATION



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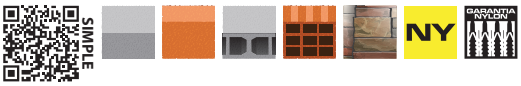
ABRAZADERA DE NYLON "LUXRING"

PIPES NYLON WALL PLUG
TAQUET POUR TUBES EN NYLON
NYLONDÜBEL FÜR ROHRE



CAJA / *BOX / BOÎTE*

SIMPLE / *SIMPLE / SIMPLE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	Ø TUBO *Pipe Ø / Ø Tube* m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	LARGO *Length / Long* m.m.		
LUXRING14	**14**	8	30	100	1.600
LUXRING16	**16**	8	30	100	1.600
LUXRING18	**18**	8	30	100	1.600
LUXRING20	**20**	8	30	100	1.600
LUXRING22	**22**	8	30	100	1.600
LUXRING25	**25**	8	30	100	1.200
LUXRING28	**28**	8	30	100	1.200
LUXRING32	**32**	8	30	50	800

CAJA / *BOX / BOÎTE*

DOBLE / *DOUBLE / DOUBLE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	Ø TUBO *Pipe Ø / Ø Tube* m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	LARGO *Length / Long* m.m.		
LUXRINGD16	**16**	8	30	100	1.200
LUXRINGD18	**18**	8	30	100	1.200
LUXRINGD20	**20**	8	30	100	1.200
LUXRINGD22	**22**	8	30	100	900
LUXRINGD25	**25**	8	30	100	900
LUXRINGD28	**28**	8	30	50	600

CAJA / *BOX / BOÎTE*

CUÁDRUPLE / *QUADRUPLE* — **NYLON / *NYLON***

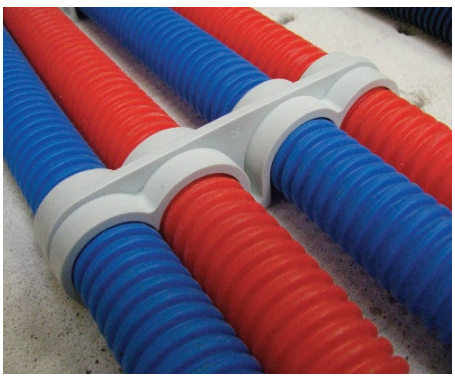
CÓDIGO *Code / Code*	Ø TUBO *Pipe Ø / Ø Tube* m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	LARGO *Length / Long* m.m.		
LUXRINGQ20	**20**	8	30	50	600
LUXRINGQ25	**25**	8	30	50	450

CARACTERÍSTICAS Y VENTAJAS

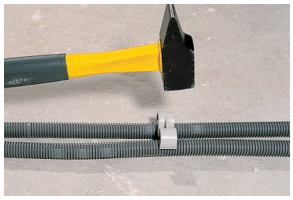
- Para la fijación de tubos y conductos
- Todos los materiales
- No daña el tubo
- Zona de ataque reforzada
- Promedio indicativo de la carga de rotura: 40kg en extracción
- 100% Nylon / Poliamida 6 / Estabilizado UV / Ignífugo

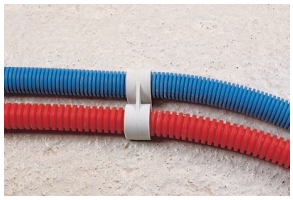
CHARACTERISTICS AND ADVANTAGES

- *For fixing pipes and ducts*
- *All the materials*
- *Does not damage the tube*
- *Reinforced attack area*
- *Average indicative breaking load: 40kg in extraction*
- *100% Nylon / Polyamide 6 / UV Stabilized / Flame Retardant*



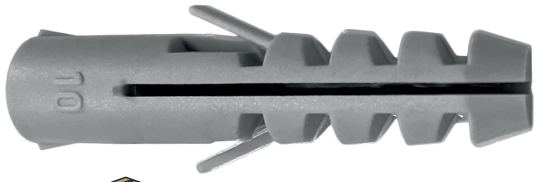
INSTALACIÓN / *INSTALLATION*





TACO DE NYLON

NYLON PLUG
CHEVILLE NYLON
NYLONDÜBEL



CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
TN04	**4x20**	100	4.000
TN05	**5x25**	100	12.000
TN06	**6x30**	100	8.000
TN07	**7x30**	100	4.000
TN08	**8x40**	100	4.000
TN10	**10x50**	50	2.000
TN12	**12x60**	25	1.000
TN14	**14x75**	20	800
TN14100	**14x100**	50	300

GRANEL / *BULK / EN GROS* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	
TNG04	**4x20**	100.000
TNG05	**5x25**	60.000
TNG06	**6x30**	38.000
TNG07	**7x30**	25.000
TNG08	**8x40**	17.000
TNG10	**10x50**	8.000
TNG12	**12x60**	5.000
TNG14	**14x75**	3.000
TNG14100	**14x100**	1.500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFTN05	**5x25**	100	12
BFTN06	**6x30**	100	12
BFTN08	**8x40**	50	12
BFTN10	**10x50**	25	12

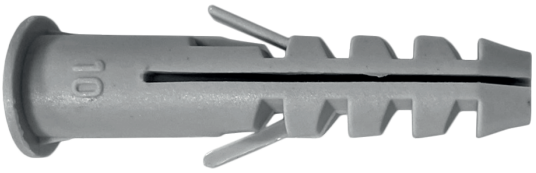
BLISTER / *BLISTER / BLISTER* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTN04	**4x20**	25	15
BTN05	**5x25**	25	15
BTN06	**6x30**	25	15
BTN08	**8x40**	15	10
BTN10	**10x50**	10	10
BTN12	**12x60**	5	10

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO DE NYLON CON COLLARÍN

NYLON PLUG WITH COLLARD
CHEVILLE NYLON AVEC COLLERETE
NYLONDÜBEL MIT SAUM



CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
TNC05	**5x25**	100	12.000
TNC06	**6x30**	100	8.000
TNC08	**8x40**	100	4.000
TNC10	**10x50**	50	2.000

GRANEL / *BULK / EN GROS* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	
TNCG05	**5x25**	60.000
TNCG06	**6x30**	32.000
TNCG08	**8x40**	15.000
TNCG10	**10x50**	8.000

TN / TNU

INFORMACIÓN TECNICA / *TECHNICAL DATA*

Ø 4	2 - 3	Ø 8	4,5 - 6
Ø 5	3,5 - 4	Ø 10	6 - 8
Ø 6	4 - 5	Ø 12	8 - 10
Ø 7	4,5 - 5	Ø 14	10 - 12

TACO DE NYLON GTX

GTX NYLON PLUG
CHEVILLE NYLON GTX
NYLONDÜBEL GTX

CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	PROFUNDIDAD MÍN. AGUJERO *Min. hole depth / Prof. min Foret* m.m.	Ø TORNILLO *Screw Ø / Ø Vis* m.m.		
GTX05	**5x25**	5	35	3-4	200	12.000
GTX06	**6x30**	6	40	4-5	100	6.000
GTX08	**8x40**	8	50	5-6	100	3.000
GTX10	**10x50**	10	70	6-8	50	1.500
GTX12	**12x60**	12	80	8-10	25	750
GTX14	**14x70**	14	90	10-12	20	600

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFGTX05	**5x25**	100	12
BFGTX06	**6x30**	100	12
BFGTX08	**8x40**	50	12
BFGTX10	**10x50**	25	12

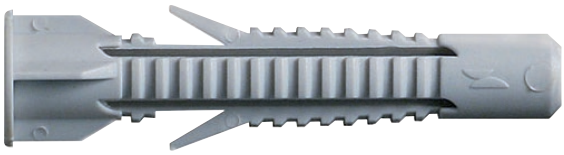
BLISTER / *BLISTER / BLISTER* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BGTX05	**5x25**	25	15
BGTX06	**6x30**	25	15
BGTX08	**8x40**	15	10
BGTX10	**10x50**	10	10
BGTX12	**12x60**	6	10

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO DE NYLON UNIVERSAL

UNIVERSAL NYLON PLUG
CHEVILLE NYLON UNIVERSELLE
NYLONDÜBEL UNIVERSAL



CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	PROFUNDIDAD MÍN. AGUJERO *Min. hole depth / Prof. min Foret* m.m.	Ø TORNILLO *Screw Ø / Ø Vis* m.m.		
TNU06	**6x38**	6	45	4-5	300	3.600
TNU08	**8x42**	8	60	5-6	100	1.200
TNU10	**10x61**	10	70	6-8	100	1.200

BLISTER / *BLISTER / BLISTER* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTNU06	**6x38**	10	20
BTNU08	**8x42**	10	20
BTNU10	**10x61**	6	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO DE NYLON VZ

VZ NYLON PLUG
CHEVILLE NYLON VZ
NYLONDÜBEL VZ

CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	PROFUNDIDAD MÍN. AGUJERO *Min. hole depth / Prof. min Foret* m.m.	TORNILLO *Screw / Vis* ØxL m.m.		
VZ06032	**6x32**	6	50	4,5x45	100	1.200
VZ06045	**6x45**	6	60	4,5x55	100	1.200
VZ08042	**8x42**	8	60	5x50	100	1.200
VZ08052	**8x52**	8	70	5x60	100	1.200
VZ10050	**10x50**	10	70	6x60	100	600
VZ12060	**12x60**	12	80	8x70	50	600
VZ14070	**14x70**	14	90	10x80	50	600
VZ14100	**14x100**	14	130	10x120	50	600

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFVZ06032	**6x32**	100	12
BFVZ06045	**6x45**	100	12
BFVZ08042	**8x42**	100	12
BFVZ08052	**8x52**	100	12
BFVZ10050	**10x50**	50	12

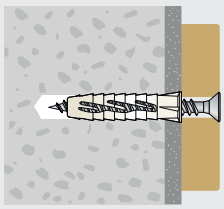
BLISTER / *BLISTER / BLISTER* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BVZ06032	**6x32**	25	12
BVZ06045	**6x45**	15	12
BVZ08042	**8x42**	15	12
BVZ08052	**8x52**	10	12
BVZ10050	**10x50**	10	12
BVZ12060	**12x60**	4	12

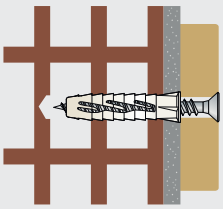
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INSTALACIÓN / *INSTALLATION*

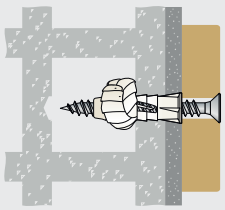
Material macizo
Solid materials



Mampostería hueca
Hollow masonry

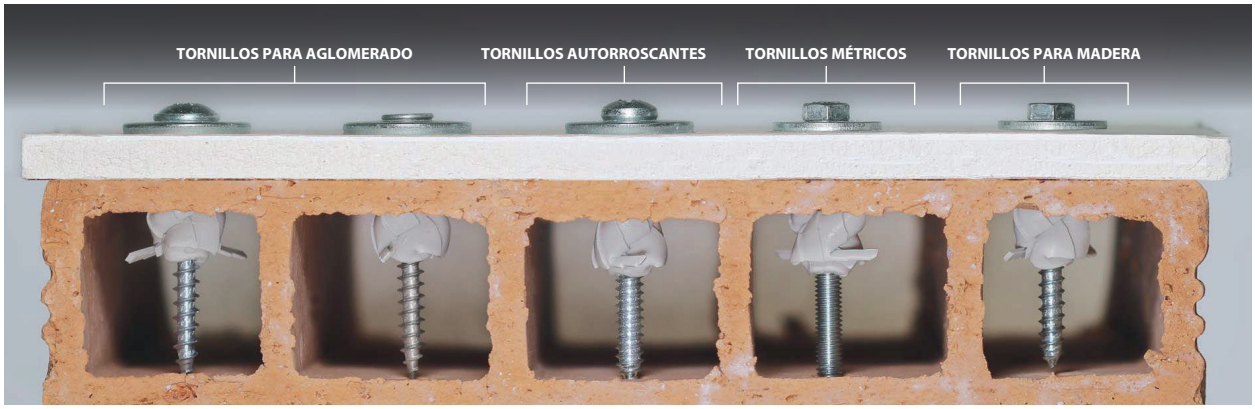


Material hueco
Hollow materials



CARACTERÍSTICAS Y VENTAJAS / *CHARACTERISTICS AND ADVANTAGES*

- Máxima versatilidad
- Amplia Gama
- Elevadas prestaciones en ladrillo
- Elevadas prestaciones en hormigón
- *Maximum versatility*
- *Wide Range*
- *High performance in brick*
- *High performance in concrete*



TACO DE NYLON NUDO VS

VS MULTI-PURPOSE NYLON PLUG
CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS
UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS

CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	TORNILLO *Screw / Vis* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	
VS08080	**8x80**	6x85	8	100
VS08100	**8x100**	6x105	8	50
VS08120	**8x120**	6x125	8	50
VS10080	**10x80**	7x85	10	50
VS10100	**10x100**	7x105	10	50
VS10120	**10x120**	7x125	10	50
VS10140	**10x140**	7x145	10	50
VS10160	**10x160**	7x165	10	50

GRANEL / *BULK / EN GROS* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	TORNILLO *Screw / Vis* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	
VSG08080	**8x80**	6x85	8	2.000
VSG08100	**8x100**	6x105	8	1.000
VSG08120	**8x120**	6x125	8	1.000
VSG10080	**10x80**	7x85	10	1.000
VSG10100	**10x100**	7x105	10	1.000
VSG10120	**10x120**	7x125	10	1.000
VSG10140	**10x140**	7x145	10	500
VSG10160	**10x160**	7x165	10	500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFVS08080	**8x80**	20	12
BFVS08100	**8x100**	20	12
BFVS08120	**8x120**	15	12
BFVS10080	**10x80**	20	12
BFVS10100	**10x100**	15	12

BLISTER / *BLISTER / BLISTER* — **NYLON / *NYLON***

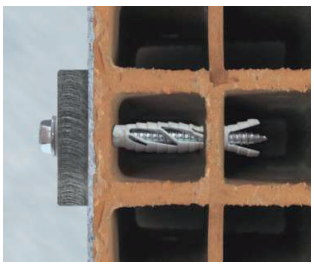
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BVS08080	**8x80**	4	12
BVS08100	**8x100**	4	12
BVS08120	**8x120**	4	12
BVS10080	**10x80**	4	12
BVS10100	**10x100**	4	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

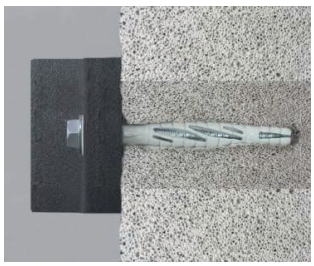
INSTALACIÓN / *INSTALLATION*

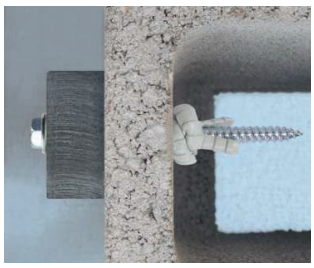
A / B

C



D





A - Hormigón: Expansión radial clásica al insertar el tornillo
B - Mampostería maciza: Expansión radial clásica al insertar el tornillo (Ladrillo macizo, toba, ladrillo de calcio de silicato)
C - Mampostería hueca: Expansión radial localizada al insertar el tornillo (Ladrillo hueco, ladrillo hueco de calcio de silicato)
D - Hormigón aireado de autoclave: Expansión clásica al insertar el tornillo
⚠ **En materiales vacíos:** Expansión por anudado, gracias a la retracción del cono al insertar el tornillo (no incluido en la certificadión ETA-CE)

A - Concrete: *Classical radial expansion when inserting the screw*
B - Solid masonry: *Classical radial expansion when inserting the screw (Solid brick, tuff, silicate calcium brick)*
C - Hollow Masonry: *Localized radial expansion when inserting the screw (Hollow brick, hollow calcium silicate brick)*
D - Autoclaved aerated concrete: *Classic expansion when inserting the screw*
⚠ ***In empty materials:*** *Expansion by knotting, thanks to the retraction of the cone when inserting the screw (not included in the ETA-CE certification)*

TACO DE NYLON VS NUDO + TORNILLO CÓNICO TX CINCADO

VS MULTI-PURPOSE NYLON ANCHOR WITH COUNTERSUNK TX SCREW
CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS TX
UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS MIT SENKKOPF-HOLZSCHRAUBE

Tecfi Fixing Systems — LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* ØxL m.m.	LLAVE *Wrench / Clé* TX		
VSTC08080	**8x80**	8	6x85	T-30	50	500
VSTC08100	**8x100**	8	6x105	T-30	50	500
VSTC08120	**8x120**	8	6x125	T-30	50	500
VSTC08140	**8x140**	8	6x145	T-30	50	500
VSTC10080	**10x80**	10	7x85	T-40	50	500
VSTC10100	**10x100**	10	7x105	T-40	50	500
VSTC10120	**10x120**	10	7x125	T-40	25	250
VSTC10140	**10x140**	10	7x145	T-40	25	250
VSTC10160	**10x160**	10	7x165	T-40	25	250
VSTC10200	**10x200**	10	7x205	T-40	25	250
VSTC10230	**10x230**	10	7x235	T-40	25	250

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

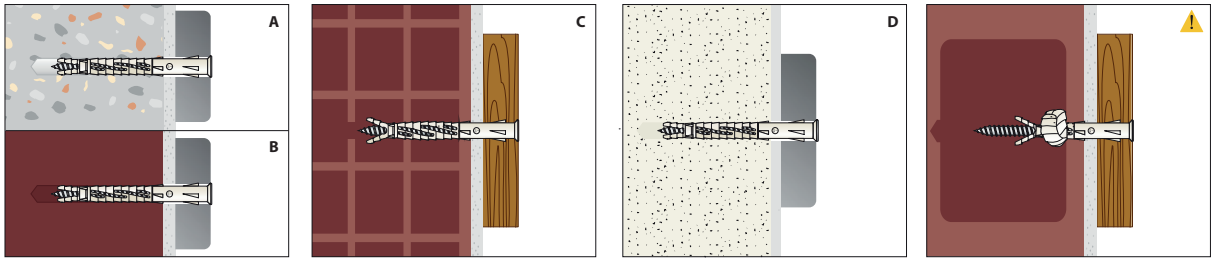
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFVSTC08080	**8x80**	10	12
BFVSTC08100	**8x100**	8	12
BFVSTC08120	**8x120**	6	12
BFVSTC10080	**10x80**	6	12
BFVSTC10100	**10x100**	4	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BVSTC08080	**8x80**	2	12
BVSTC08100	**8x100**	2	12
BVSTC08120	**8x120**	2	12
BVSTC10080	**10x80**	2	12
BVSTC10100	**10x100**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INSTALACIÓN / *INSTALLATION*



A - Hormigón: Expansión radial clásica al insertar el tornillo
B - Mampostería maciza: Expansión radial clásica al insertar el tornillo (Ladrillo macizo, toba, ladrillo de calcio de silicato)
C - Mampostería hueca: Expansión radial localizada al insertar el tornillo (Ladrillo hueco, ladrillo hueco de calcio de silicato)
D - Hormigón aireado de autoclave: Expansión clásica al insertar el tornillo
⚠ **En materiales vacíos:** Expansión por anudado, gracias a la retracción del cono al insertar el tornillo (no incluido en la certificadión ETA-CE)

A - Concrete: *Classical radial expansion when inserting the screw*
B - Solid masonry: *Classical radial expansion when inserting the screw (Solid brick, tuff, silicate calcium brick)*
C - Hollow Masonry: *Localized radial expansion when inserting the screw (Hollow brick, hollow calcium silicate brick)*
D - Autoclaved aerated concrete: *Classic expansion when inserting the screw*
⚠ ***In empty materials:*** *Expansion by knotting, thanks to the retraction of the cone when inserting the screw (not included in the ETA-CE certification)*

TACO DE NYLON VS NUDO + TORNILLO HEXAGONAL TX CINCADO

VS MULTI-PURPOSE NYLON ANCHOR WITH HEXAGONAL TX SCREW
CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS TX
UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS MIT SPECIAL-HOLZSCHRAUBE

Tecfi Fixing Systems — LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

NY ZN GARANTÍA NYLON R-90 ETA

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* ØxL m.m.	LLAVE *Wrench / Clé* TX/SW		
VST08080	**8x80**	8	6x85	T-30/10	50	500
VST08100	**8x100**	8	6x105	T-30/10	50	500
VST08120	**8x120**	8	6x125	T-30/10	50	500
VST08140	**8x140**	8	6x145	T-30/10	50	500
VST10080	**10x80**	10	7x85	T-40/13	50	500
VST10100	**10x100**	10	7x105	T-40/13	50	500
VST10120	**10x120**	10	7x125	T-40/13	25	250
VST10140	**10x140**	10	7x145	T-40/13	25	250
VST10160	**10x160**	10	7x165	T-40/13	25	250
VST10200	**10x200**	10	7x205	T-40/13	25	250
VST10230	**10x230**	10	7x235	T-40/13	25	250

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

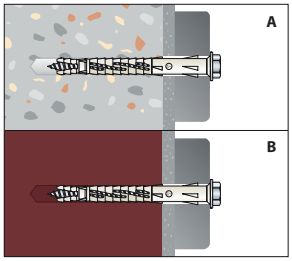
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFVST08080	**8x80**	10	12
BFVST08100	**8x100**	8	12
BFVST08120	**8x120**	6	12
BFVST10080	**10x80**	6	12
BFVST10100	**10x100**	4	12

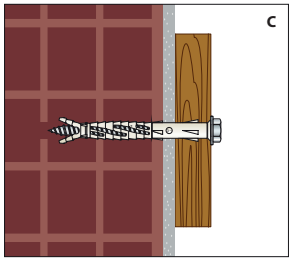
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

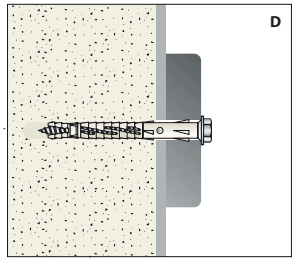
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BVST08080	**8x80**	2	12
BVST08100	**8x100**	2	12
BVST08120	**8x120**	2	12
BVST10080	**10x80**	2	12
BVST10100	**10x100**	2	12

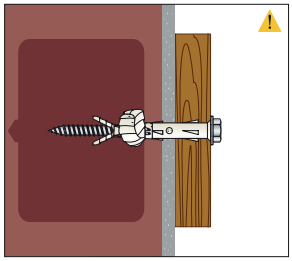
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INSTALACIÓN / *INSTALLATION*









A - Hormigón: Expansión radial clásica al insertar el tornillo
B - Mampostería maciza: Expansión radial clásica al insertar el tornillo (Ladrillo macizo, toba, ladrillo de calcio de silicato)
C - Mampostería hueca: Expansión radial localizada al insertar el tornillo (Ladrillo hueco, ladrillo hueco de calcio de silicato)
D - Hormigón aireado de autoclave: Expansión clásica al insertar el tornillo
⚠ **En materiales vacíos:** Expansión por anudado, gracias a la retracción del cono al insertar el tornillo (no incluido en la certificadión ETA-CE)

A - Concrete: *Classical radial expansion when inserting the screw*
B - Solid masonry: *Classical radial expansion when inserting the screw (Solid brick, tuff, silicate calcium brick)*
C - Hollow Masonry: *Localized radial expansion when inserting the screw (Hollow brick, hollow calcium silicate brick)*
D - Autoclaved aerated concrete: *Classic expansion when inserting the screw*
⚠ ***In empty materials:*** *Expansion by knotting, thanks to the retraction of the cone when inserting the screw (not included in the ETA-CE certification)*

TACO DE NYLON VS NUDO + TORNILLO CÓNICO TX INOXIDABLE A-4

VS MULTI-PURPOSE NYLON ANCHOR WITH COUNTERSUNK TX SCREW
CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS TX
UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS MIT SENKKOPF-HOLZSCHRAUBE

Tecfi Fixing Systems — LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

CAJA / *BOX / BOÎTE* — **INOX. A-4 / S.S. *AISI 316***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* ØxL m.m.	LLAVE *Wrench / Clé* TX		
VSTCA408080	**8x80**	8	6x85	T-30	50	500
VSTCA408100	**8x100**	8	6x105	T-30	50	500
VSTCA408120	**8x120**	8	6x125	T-30	50	500
VSTCA408140	**8x140**	8	6x145	T-30	25	250
VSTCA410080	**10x80**	10	7x85	T-40	50	500
VSTCA410100	**10x100**	10	7x105	T-40	50	500
VSTCA410120	**10x120**	10	7x125	T-40	25	250
VSTCA410140	**10x140**	10	7x145	T-40	25	250
VSTCA410160	**10x160**	10	7x165	T-40	25	250
VSTCA410200	**10x200**	10	7x205	T-40	25	250
VSTCA410230	**10x230**	10	7x235	T-40	25	250

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-4 / S.S. *AISI 316***

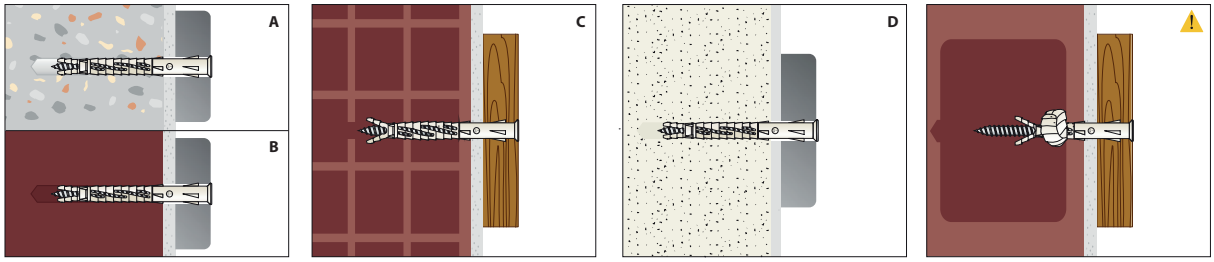
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFVSTC408080	**8x80**	8	12
BFVSTC408100	**8x100**	6	12
BFVSTC408120	**8x120**	5	12
BFVSTC410080	**10x80**	5	12
BFVSTC410100	**10x100**	4	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-4 / S.S. *AISI 316***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BVSTC408080	**8x80**	2	12
BVSTC408100	**8x100**	2	12
BVSTC408120	**8x120**	2	12
BVSTC410080	**10x80**	2	12
BVSTC410100	**10x100**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INSTALACIÓN / *INSTALLATION*



A - Hormigón: Expansión radial clásica al insertar el tornillo
B - Mampostería maciza: Expansión radial clásica al insertar el tornillo (Ladrillo macizo, toba, ladrillo de calcio de silicato)
C - Mampostería hueca: Expansión radial localizada al insertar el tornillo (Ladrillo hueco, ladrillo hueco de calcio de silicato)
D - Hormigón aireado de autoclave: Expansión clásica al insertar el tornillo
⚠ **En materiales vacíos:** Expansión por anudado, gracias a la retracción del cono al insertar el tornillo (no incluido en la certificadión ETA-CE)

A - Concrete: *Classical radial expansion when inserting the screw*
B - Solid masonry: *Classical radial expansion when inserting the screw (Solid brick, tuff, silicate calcium brick)*
C - Hollow Masonry: *Localized radial expansion when inserting the screw (Hollow brick, hollow calcium silicate brick)*
D - Autoclaved aerated concrete: *Classic expansion when inserting the screw*
⚠ ***In empty materials:*** *Expansion by knotting, thanks to the retraction of the cone when inserting the screw (not included in the ETA-CE certification)*

TACO DE NYLON VS NUDO + TORNILLO HEXAGONAL TX INOXIDABLE A-4

VS MULTI-PURPOSE NYLON ANCHOR WITH HEXAGONAL TX SCREW
CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS TX
UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS MIT SPECIAL-HOLZSCHRAUBE

Tecfi Fixing Systems — LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

NY A4 GARANTÍA NYLON R-90 ETA

CAJA / *BOX / BOÎTE* — **INOX. A-4 / S.S. *AISI 316***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* ØxL m.m.	LLAVE *Wrench / Clé* TX/SW		
VSTA408080	**8x80**	8	6x85	T-30/10	50	500
VSTA408100	**8x100**	8	6x105	T-30/10	50	500
VSTA408120	**8x120**	8	6x125	T-30/10	50	500
VSTA408140	**8x140**	8	6x145	T-30/10	25	250
VSTA410080	**10x80**	10	7x85	T-40/13	50	500
VSTA410100	**10x100**	10	7x105	T-40/13	50	500
VSTA410120	**10x120**	10	7x125	T-40/13	25	250
VSTA410140	**10x140**	10	7x145	T-40/13	25	250
VSTA410160	**10x160**	10	7x165	T-40/13	25	250
VSTA410200	**10x200**	10	7x205	T-40/13	25	250
VSTA410230	**10x230**	10	7x235	T-40/13	25	250

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-4 / S.S. *AISI 316***

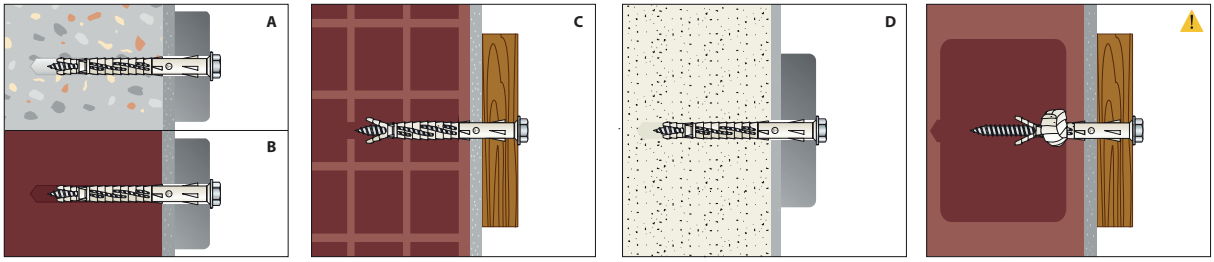
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFVST408080	**8x80**	8	12
BFVST408100	**8x100**	6	12
BFVST408120	**8x120**	5	12
BFVST410080	**10x80**	5	12
BFVST410100	**10x100**	4	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-4 / S.S. *AISI 316***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BVST408080	**8x80**	2	12
BVST408100	**8x100**	2	12
BVST408120	**8x120**	2	12
BVST410080	**10x80**	2	12
BVST410100	**10x100**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INSTALACIÓN / *INSTALLATION*



A - Hormigón: Expansión radial clásica al insertar el tornillo
B - Mampostería maciza: Expansión radial clásica al insertar el tornillo (Ladrillo macizo, toba, ladrillo de calcio de silicato)
C - Mampostería hueca: Expansión radial localizada al insertar el tornillo (Ladrillo hueco, ladrillo hueco de calcio de silicato)
D - Hormigón aireado de autoclave: Expansión clásica al insertar el tornillo
⚠ **En materiales vacíos:** Expansión por anudado, gracias a la retracción del cono al insertar el tornillo (no incluido en la certificadión ETA-CE)

A - Concrete: *Classical radial expansion when inserting the screw*
B - Solid masonry: *Classical radial expansion when inserting the screw (Solid brick, tuff, silicate calcium brick)*
C - Hollow Masonry: *Localized radial expansion when inserting the screw (Hollow brick, hollow calcium silicate brick)*
D - Autoclaved aerated concrete: *Classic expansion when inserting the screw*
⚠ ***In empty materials:*** *Expansion by knotting, thanks to the retraction of the cone when inserting the screw (not included in the ETA-CE certification)*

TACO DE NYLON VS NUDO + TORNILLO INVIOLABLE TX CINCADO

VS MULTI-PURPOSE NYLON ANCHOR WITH SECURITY TX SCREW
CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS INVIOLABLE TX
UNIVERSAL-LANGSCHAFTDÜBEL AUS NYLON VS MIT SICHERHEITSSCHRAUBE

Tecfi Sistemi di Fissaggio — LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

NY ZN INV GARANTIA NYLON R-90 ETA

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* ØxL m.m.	LLAVE *Wrench / Clé* TX		
VSTI08080	**8x80**	8	6x85	T-30	50	500
VSTI08100	**8x100**	8	6x105	T-30	50	500
VSTI08120	**8x120**	8	6x125	T-30	50	500
VSTI08140	**8x140**	8	6x145	T-30	50	500
VSTI10080	**10x80**	10	7x85	T-40	50	500
VSTI10100	**10x100**	10	7x105	T-40	50	500
VSTI10120	**10x120**	10	7x125	T-40	25	250
VSTI10140	**10x140**	10	7x145	T-40	25	250
VSTI10160	**10x160**	10	7x165	T-40	25	250
VSTI10200	**10x200**	10	7x205	T-40	25	250

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFVSTI08080	**8x80**	10	12
BFVSTI08100	**8x100**	8	12
BFVSTI10080	**10x80**	6	12
BFVSTI10100	**10x100**	4	12

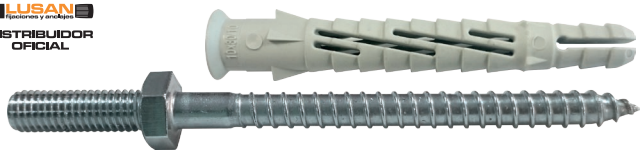
PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO DE NYLON VS NUDO + TORNILLO DOBLE ROSCA

VS MULTI-PURPOSE NYLON ANCHOR WITH SOCKET RECESS DUAL THREAD SCREW
CHEVILLE UNIVERSELLE RALLONGÉE EN NYLON VS AVEC VIS DOUBLE FILETAGE À SIX PANS CREUX
UNIVERSAL-LANGSCHAFTDÜBEL VS MIT INNENSECHSKANTSCHRAUBE MIT DOPPELTEN GEWINDE

Tecfi Sistemi di Fissaggio — LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

NY ZN A4 GARANTIA NYLON



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

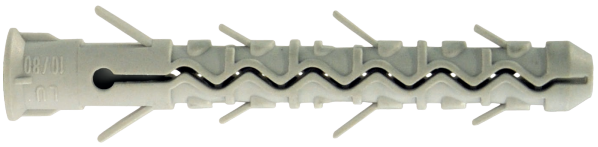
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* Ø/MxLTxLM m.m.	LLAVE *Wrench / Clé* SW-H		
VSDR08080	**8x80**	8	Ø6/M6x110x21	10-3	100	1.000
VSDR10080	**10x80**	10	Ø7/M8x115x25	13-4	50	500

CAJA / *BOX / BOÎTE* — **INOX. A-4 / S.S. AISI 316**

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* Ø/MxLTxLM m.m.	LLAVE *Wrench / Clé* SW-H		
VSDRA408080	**8x80**	8	Ø6/M6x110x21	10-3	100	1.000
VSDRA410080	**10x80**	10	Ø7/M8x115x25	13-4	50	500

TACO DE NYLON TRIPLE EXPANSIÓN

EXTENDED NYLON ANCHOR WITH SIX WINGS
CHEVILLE NYLON AVEC SIX AILETTES
NYLON-LANGSCHAFTDÜBELMIT SECHS FLÜGEL



CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* Ø m.m.		
TNT08080	**8x80**	8	6	100	1.200
TNT08100	**8x100**	8	6	50	600
TNT08120	**8x120**	8	6	50	600
TNT10080	**10x80**	10	7	50	600
TNT10100	**10x100**	10	7	50	600
TNT10135	**10x140**	10	7	50	300
TNT10160	**10x160**	10	7	50	300

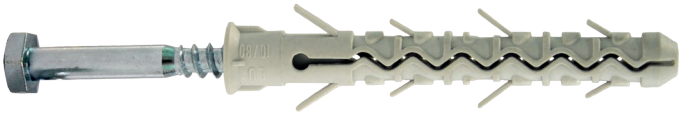
BLISTER / *BLISTER / BLISTER* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTNT08080	**8x80**	4	15
BTNT08100	**8x100**	4	15
BTNT08120	**8x120**	4	15
BTNT10080	**10x80**	4	15
BTNT10100	**10x100**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO DE NYLON TRIPLE EXPANSIÓN + TORNILLO DIN 571 CINCADO

EXT. NYLON ANCHOR WITH SIX WINGS AND HEX. WOOD SCREW DIN 571
CHEVILLE NYLON AVEC SIX AILETTES ET VIS À BOIS TÊTE HEX. DIN 571
NYLON-LANGSCHAFTDÜBEL MIT SECHS FLÜGEL UND DIN 571



CAJA / *BOX / BOÎTE* — **CINCADO / *ZINC PLATED***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	TORNILLO *Screw / Vis* Ø m.m.	LLAVE *Wrench / Clé* SW		
TNTT08080	**8x80**	8	6	10	100	1.200
TNTT08100	**8x100**	8	6	10	50	600
TNTT08120	**8x120**	8	6	10	50	300
TNTT10080	**10x80**	10	7	12	50	300
TNTT10100	**10x100**	10	7	12	50	300
TNTT10140	**10x140**	10	7	12	50	300
TNTT10160	**10x160**	10	7	12	50	300

BLISTER / *BLISTER / BLISTER* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTNTT08080	**8x80**	2	15
BTNTT08100	**8x100**	2	15
BTNTT10080	**10x80**	2	15
BTNTT10100	**10x100**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO CLAVO CABEZA CÓNICA

NYLON FAST ANCHOR WITH COUNTERSUNK COLLAR
CHEVILLE PRÉMONTE À FRAPPER
NYLONDÜBEL MIT SENKSAUM, MIT VERZINKTER SENKKOPF-NAGELSCHRAUBE

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
TCC05030	**5x30**	200	2.000
TCC05040	**5x40**	200	2.000
TCC06035	**6x35**	200	2.000
TCC06040	**6x40**	200	2.000
TCC06060	**6x60**	200	2.000
TCC06070	**6x70**	200	2.000
TCC06080	**6x80**	200	2.000

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
TCC06100	**6x100**	100	1.000
TCC08060	**8x60**	100	1.000
TCC08080	**8x80**	100	1.000
TCC08100	**8x100**	100	1.000
TCC08120	**8x120**	50	500
TCC08135	**8x135**	50	500
TCC08160	**8x160**	50	500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFTCC05030	**5x30**	30	12
BFTCC05040	**5x40**	30	12
BFTCC06035	**6x35**	30	12
BFTCC06040	**6x40**	30	12
BFTCC06060	**6x60**	25	12
BFTCC08060	**8x60**	20	12
BFTCC08080	**8x80**	20	12
BFTCC08100	**8x100**	10	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTCC05030	**5x30**	4	20
BTCC05040	**5x40**	4	20
BTCC06035	**6x35**	4	20
BTCC06040	**6x40**	4	20
BTCC06060	**6x60**	4	20
BTCC08060	**8x60**	4	20
BTCC08080	**8x80**	4	20
BTCC08100	**8x100**	2	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO CLAVO CABEZA CÓNICA INOXIDABLE A-2

NYLON FAST ANCHOR WITH COUNTERSUNK COLLAR - SS. AISI 304
CHEVILLE PRÉMONTE À FRAPPER - INOX. A-2
NYLONDÜBEL MIT SENKSAUM, MIT SENKKOPF-NAGELSCHRAUBE EDELSTAHL A-2

CAJA / *BOX / BOÎTE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
TCCI05030	**5x30**	200	2.000
TCCI06040	**6x40**	200	2.000
TCCI06060	**6x60**	200	2.000
TCCI08060	**8x60**	100	1.000
TCCI08080	**8x80**	100	1.000
TCCI08100	**8x100**	100	1.000

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFTCCI05030	**5x30**	30	12
BFTCCI06040	**6x40**	30	12
BFTCCI06060	**6x60**	25	12
BFTCCI08060	**8x60**	20	12
BFTCCI08080	**8x80**	10	12
BFTCCI08100	**8x100**	10	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / S.S. *AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTCCI05030	**5x30**	4	20
BTCCI06040	**6x40**	4	20
BTCCI06060	**6x60**	4	20
BTCCI08060	**8x60**	2	20
BTCCI08080	**8x80**	2	20
BTCCI08100	**8x100**	2	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO CLAVO CABEZA PLANA

NYLON FAST ANCHOR WITH FLAT COLLAR
CHEVILLE PRÉMONTE CYLINDRIQUE À FRAPPER
NYLONDÜBEL MIT ZYLINDERSAUM, MIT VERZINKTER SENKKOPF-NAGELSCHRAUBE

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
TC05030	**5x30**	200	2.000
TC05040	**5x40**	200	2.000
TC06035	**6x35**	200	2.000
TC06040	**6x40**	200	2.000
TC06060	**6x60**	200	2.000
TC06070	**6x70**	200	2.000
TC06080	**6x80**	200	2.000

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
TC06100	**6x100**	100	1.000
TC08060	**8x60**	100	1.000
TC08080	**8x80**	100	1.000
TC08100	**8x100**	100	1.000
TC08120	**8x120**	50	500
TC08135	**8x135**	50	500
TC08160	**8x160**	50	500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

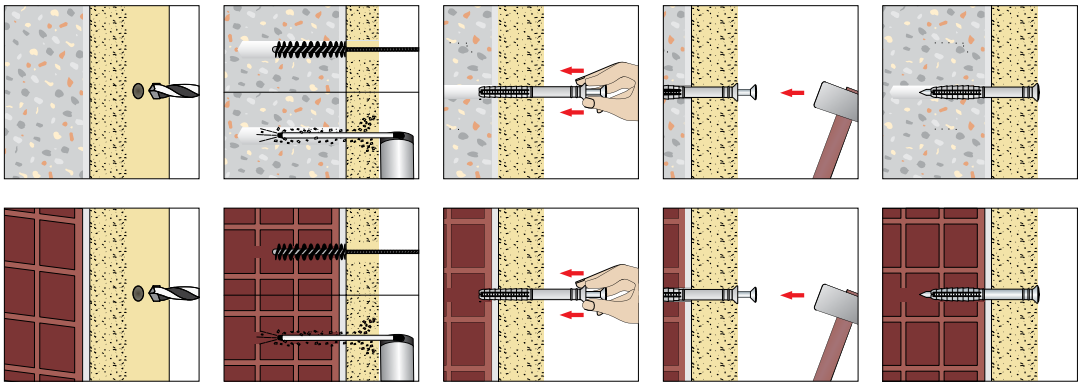
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFTC05030	**5x30**	30	12
BFTC05040	**5x40**	30	12
BFTC06035	**6x35**	30	12
BFTC06040	**6x40**	30	12
BFTC06060	**6x60**	25	12
BFTC06080	**6x80**	25	12
BFTC08060	**8x60**	20	12
BFTC08080	**8x80**	20	12
BFTC08100	**8x100**	10	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTC05030	**5x30**	4	20
BTC05040	**5x40**	4	20
BTC06035	**6x35**	4	20
BTC06040	**6x40**	4	20
BTC06060	**6x60**	4	20
BTC08060	**8x60**	4	20
BTC08080	**8x80**	4	20
BTC08100	**8x100**	2	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INSTALACIÓN / ***INSTALLATION***



TACO CLAVO ABRAZADERA

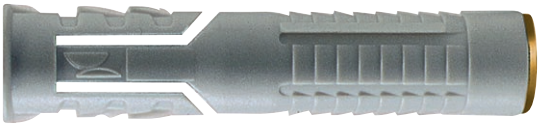
NYLON FAST ANCHOR WITH DOUBLE THREAD
CHEVILLE PRÉMONTE AVEC VIS POUR COLLIER ET CRAMPON
NYLONDÜBEL MIT ZYLINDERSAUM, MIT VERZINKTER DOPPELGEWINDESCHRAUBE

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø EXTERIOR *Outside Ø / Ø Extérieur* m.m.		
TCA06035	**6x35**	6	100	1.200
TCA08060	**8x60**	8	50	1.200

TACO DE NYLON FN

NYLON ANCHOR WITH STEEL CONICAL EXPANSION NUT
CHEVILLE NYLON AVEC ÉCROU EN LAITON À EXPANSION
NYLONDÜBEL MIT SPREIZ-SCHRAUBEN MUTTER AUS MESSING



CAJA / *BOX / BOÎTE* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
FN08	**8x80/Ø12**	100	600
FN10	**10x80/Ø14**	100	600

TACO DE NYLON FN + TORNILLO DIN 933 CINCADO

NYLON ANCHOR WITH STEEL CONICAL EXPANSION NUT AND HEX. SCREW DIN 933
CHEVILLE NYLON AVEC ÉCROU EN LAITON À EXPANSION ET VIS TÊTE HEX. DIN 933
NYLONDÜBEL MIT SPREIZ-SCHRAUBEN MUTTER AUS MESSING UND DIN 933

CAJA / *BOX / BOÎTE* — **CINCADO / *ZINC PLATED***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.	PROF. TALADRO *Hole depth / Prof. trou* m.m.	LLAVE *Wrench / Clé* SW		
FNT08	**8x80/Ø12**	80	13	100	600
FNT10	**10x80/Ø14**	80	17	100	600

BLISTER / *BLISTER / BLISTER* — **NYLON / *NYLON***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL/Ø m.m.		
BFNT08	**8x80/Ø12**	2	12
BFNT10	**10x80/Ø14**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO RASTREL

EXPRESS NAIL FOR LIGHT FASTENINGS
CHEVILLE ÉLASTIQUE POUR FIXATION DE LITEAUX
ELASTIC SPRUNGGELENK FÜR SCHELLEN UND LEICHT FIXIEREN

CAJA / *BOX / BOÎTE* — **CINCADO / *ZINC PLATED***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	PROF. TALADRO *Hole depth / Prof. trou* m.m.		
RASTREL06030	**6x30**	6	30	200	1.600
RASTREL06040	**6x40**	6	40	200	1.600
RASTREL06050	**6x50**	6	50	200	1.600
RASTREL06060	**6x60**	6	60	200	1.600
RASTREL06080	**6x80**	6	80	200	1.600
RASTREL08070	**8x70**	8	70	100	1.600
RASTREL08090	**8x90**	8	90	100	1.600
RASTREL08110	**8x110**	8	110	100	800
RASTREL08130	**8x130**	8	130	100	800
RASTREL08150	**8x150**	8	150	100	800

TACO AUTOPERFORANTE PARA CARTÓN-YESO / NYLON Y ZAMAK

SELF DRILLING ANCHOR FOR PLASTERBOARD
CHEVILLE AUTOPERCEUSE POUR PLAQUES DE PLÂTRE
SELBSTBOHRENDEN-DÜBEL FÜR GIPSKARTON

NY ZA GARANTIA NYLON

CAJA / *BOX / BOÎTE* — NYLON / *NYLON* — ZAMAK / *ZAMAK*

CÓDIGO *Code / Code* NYLON *Nylon/Nylon*	CÓDIGO *Code / Code* ZAMAK *Zamak/Zamak*	MEDIDA *Measure / Mesure* L m.m.	TORNILLO *Screw / Vis* ØxL m.m.	GROSOR PARED *Wall thickness / Épaisseur du mur* m.m.		
TPN	TPZ	**37**	4,5x35	5 - 17	200	2.400

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — NYLON — ZAMAK

CÓDIGO *Code / Code* NYLON *Nylon/Nylon*	CÓDIGO *Code / Code* ZAMAK *Zamak/Zamak*	MEDIDA *Measure / Mesure* L m.m.		
BFTPN	BFTPZ	**37**	25	12

BLISTER / *BLISTER / BLISTER* — NYLON — ZAMAK

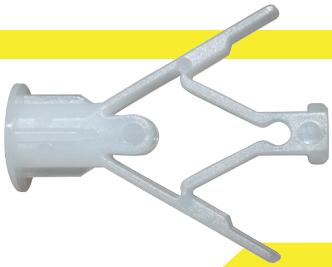
CÓDIGO *Code / Code* NYLON *Nylon/Nylon*	CÓDIGO *Code / Code* ZAMAK *Zamak/Zamak*	MEDIDA *Measure / Mesure* L m.m.		
BTPN	BTPZ	**37**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TACO DE NYLON CON ALAS PARA CARTÓN-YESO

WINGS ANCHOR FOR PLASTERBOARD
CHEVILLE AVEC AILETTES POUR PLAQUES DE PLÂTRE
DÜBEL FÜR GIPSKARTON MIT ZWEI FLÜGEL

NY GARANTIA NYLON



CAJA / *BOX / BOÎTE* — NYLON / *NYLON*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	Ø TORNILLO *Screw Ø / Ø Vis* m.m.	GROSOR PARED *Wall thickness / Épaisseur du mur* m.m.		
TPA0838	**8x38**	8	3,5	6 - 13	100	1.200
TPA0847	**8x47**	8	3,5	13 - 20	100	1.200
TPA1038	**10x38**	10	4,5	6 - 13	100	1.200
TPA1047	**10x47**	10	4,5	13 - 20	100	600

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — NYLON / *NYLON*

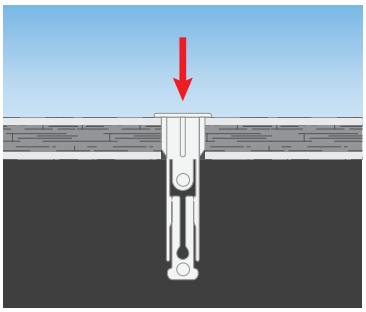
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFTPA0838	**8x38**	15	12
BFTPA0847	**8x47**	15	12
BFTPA1038	**10x38**	10	12
BFTPA1047	**10x47**	10	12

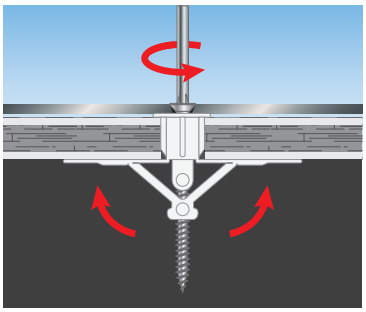
BLISTER / *BLISTER / BLISTER* — NYLON / *NYLON*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTPA1038	**10x38**	4	12
BTPA1047	**10x47**	4	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INSTALACIÓN / ***INSTALLATION***

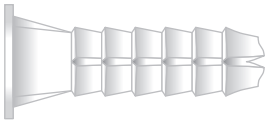




TACO DE PLÁSTICO BLANCO

WHITE WINGS PLASTIC PLUG
CHEVILLE PLASTIQUE BLANC
KUNSTSTOFF-DÜBEL WEISS

LDPE



BOLSA / *BAG / SAC*

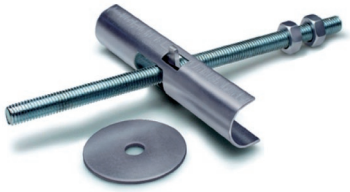
POLIETILENO / ***POLYETHYLENE***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	Ø TORNILLO *Screw Ø / Ø Vis* m.m.		
TP05	**5x20**	5	1 - 2,5	25	1.000
TP06	**6x22**	6	2 - 3,5	25	1.000
TP07	**7x21**	7	3 - 4	25	1.000
TP08	**8x25**	8	3 - 4,5	25	1.000
TP09	**9x30**	9	4 - 5,5	25	1.000
TP10	**10x34**	10	4 - 6	25	1.000
TP10L	**10x40**	10	4 - 6	25	1.000
TP12	**12x42**	12	4 - 6	25	1.000

BASCULANTES

GRAVITY TOGGLES
CHEVILLE BASCULENTE
KIPPDÜBEL

RECTO GANCHO ZN



CAJA / *BOX / BOÎTE*

CINCADO / ***ZINC PLATED***

CÓDIGO *Code / Code* **RECTO** *Straight / Droit*	CÓDIGO *Code / Code* **GANCHO** *Hook / Crochet*	MEDIDA *Measure / Mesure* M m.m.	
BRS04	BRG04	**M4**	50
BRS05	BRG05	**M5**	50
BRS06	BRG06	**M6**	50

FIJACIONES PARA WC

WC FIXATIONS
FIXATIONS POUR WC
BEFESTIGUNGEN FÜR WC

ZN A2 LA NY

WCZ / WCA2

WCLA

FLN

FL / FLA2

WCH

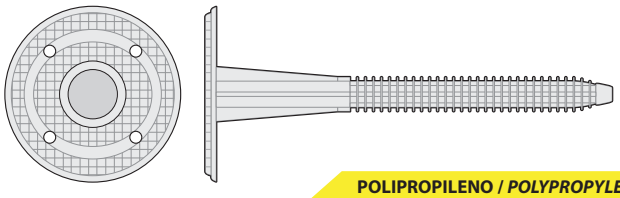
BOLSA / *BAG / SAC*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	MATERIAL *Material / Matériel*		
WCZ06070	**6x70**	**ACERO CINCADO** / *Zinc plated steel / Acier zingué*	2	100
WCA206070	**6x70**	**ACERO INOX. A-2** / *Stainless Steel AISI 304 / Acier inoxidable*	2	100
WCLA06070	**6x70**	**LATÓN** / *Brass / Laiton*	2	100
FL08110	**8x110**	**ACERO CINCADO** / *Zinc plated steel / Acier zingué*	2	100
FL10120	**10x120**	**ACERO CINCADO** / *Zinc plated steel / Acier zingué*	2	100
FLA208110	**8x110**	**ACERO INOX. A-2** / *Stainless Steel AISI 304 / Acier inoxidable*	2	100
FLN10120	**10x120**	**NYLON** / *Nylon / Nylon*	2	100
WCH06070	**6x70**	**ACERO CINCADO** / *Zinc plated steel / Acier zingué*	2	100

ESPIGA PARA PANEL AISLANTE

EPA ANCHOR FOR INSULATING PANELS FIXING IN CONCRETE
CHEVILLE POUR PANNEAUX D'ISOLATION SUR BÉTON EPA
DÜBEL FÜR BEFESTIGUNG VON ISOLIERPLATTE AUF BETON EPA

PP | Tecfi Sistemi di Fissaggio | LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL



CAJA / *BOX / BOÎTE*

POLIPROPILENO / *POLYPROPYLENE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* m.m.	
EPA8050	**8x50**	8	10/20	500
EPA8070	**8x70**	8	20/40	400
EPA8085	**8x85**	8	40/60	300
EPA8110	**8x110**	8	60/80	300

ESPIGA PARA PANEL AISLANTE EPAM

EPAM ANCHOR WITH NAIL FOR INSULATING PANELS FIXING IN CONCRETE
CHEVILLE AVEC CLOU POUR PANNEAUX D'ISOLATION SUR BÉTON EPAM
DÜBEL MIT NAGEL FÜR BEFESTIGUNG VON ISOLIERPLATTE AUF BETON EPAM

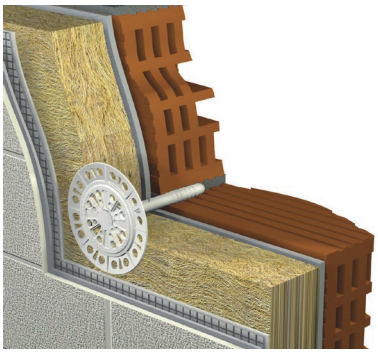
Tecfi Sistemi di Fissaggio | LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

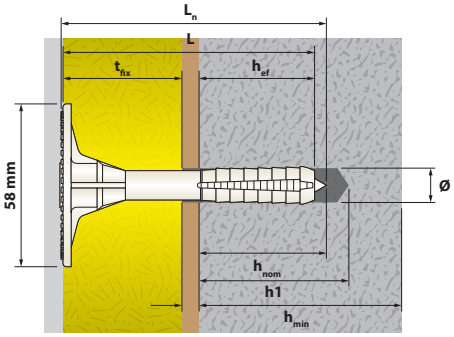
HDPE | ETA

CAJA / *BOX / BOÎTE*

POLIETILENO / *POLYETHYLENE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	Ø BROCA *Drill Ø / Ø Foret* m.m.	GROSOR A FIJAR *Thickness to fix / Épaisseur* t_{fix} m.m.	D m.m.	h_{ef} m.m.	PROF. TALADRO *Hole depth / Prof. trou* h1 m.m.	
EPAM10070	**10x70**	10	30	58	40	50	200
EPAM10090	**10x90**	10	50	58	40	50	200
EPAM10110	**10x110**	10	70	58	40	50	200
EPAM10130	**10x130**	10	90	58	40	50	200
EPAM10150	**10x150**	10	110	58	40	50	200
EPAM10180	**10x180**	10	140	58	40	50	200

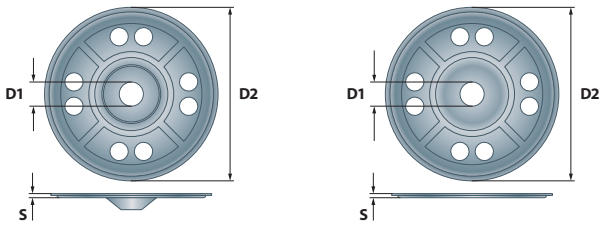




ARANDELA DE ACERO PARA PANEL AISLANTE

STEEL LARGE WASHER FOR INSULATED PANELS FIXING
RONDELLE EN ACIER POUR PANNEAUX D'ISOLATION
SCHEIBE FÜR BEFESTIGUNG VON ISOLIERPLATTE

ZN | Tecfi Sistemi di Fissaggio | LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL



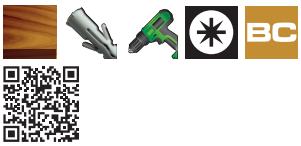
CAJA / *BOX / BOÎTE*

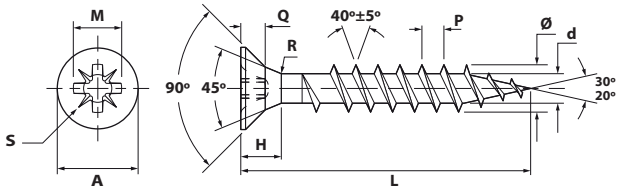
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code* **AVELLANADA** *Countersunk / Fraise*	CÓDIGO *Code / Code* **PLANA** *Flat / Plat*	Ø INTERIOR *Inside Ø / Ø Intérieur* D1 m.m.	Ø EXTERIOR *Outside Ø / Ø Extérieur* D2 m.m.	GROSOR *Thickness / Épaisseur* S m.m.	
LU0106	LY0106	**6,5**	70	0,7	100
LU0109	LY0109	**9**	70	0,7	100

TORNILLO DIN 7505-A PZ BICROMATADO

CHIPBOARD SCREW PZ YELLOW ZINC PLATED
VIS À BOIS PZ BICHROMATÉ
SENKKOPF-SPANPLATTENSCHRAUBE GELB VERZINKT





CAJA / *BOX / BOÎTE* — **BICROMATADO** / *YELLOW ZP.*

CÓDIGO / *Code / Code:* **7505AB** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3**	**Ø3,5**	**Ø4**	**Ø4,5**	**Ø5**	**Ø6**
12	1.000					
16	1.000	1.000	500	500		
20	1.000	1.000	500	500	500	
25	1.000	1.000	500	500	200	
30	1.000	500	500	500	200	200
35	500	500	500	500	200	
40	500	500	500	500	200	200
45	500	200	200	200	200	200
50	200	200	200	200	200	200
60			200	200	200	200
70			200	200	200	200
80			200	200	200	200
90					100	100
100					100	100
120					100	100
140						100
160						100
180						100
200						100
						MEDIDAS / *Measures / Mesures*
A	5,70 - 6,05	6,60 - 7,00	7,55 - 8,00	8,55 - 9,00	9,55 - 10,00	11,50 - 12,00
H ≈	3	3,5	4	4,5	5	6
d	1,50 - 1,90	1,75 - 2,15	2,05 - 2,50	2,22 - 2,70	2,52 - 3,00	3,22 - 3,70
P ≈	1,35	1,65	1,80	2,10	2,30	2,60
Q	1,60 - 2,11	1,76 - 2,16	2,05 - 2,51	2,46 - 3,02	2,99 - 3,55	2,99 - 3,55
M	3	4	4,4	4,8	5,3	6,6
S (PZ)	1	2	2	2	2	3
R max.	1,5	1,8	2,0	2,2	2,5	2,5

BLISTER — **BICROMATADO** / *YELLOW ZP.*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7505AB30012	**3x12**	40	20
B7505AB30016	**3x16**	40	20
B7505AB30020	**3x20**	40	20
B7505AB30025	**3x25**	40	20
B7505AB30030	**3x30**	40	20
B7505AB35016	**3,5x16**	40	20
B7505AB35020	**3,5x20**	40	20
B7505AB35025	**3,5x25**	40	20
B7505AB35030	**3,5x30**	40	20
B7505AB35035	**3,5x35**	20	20
B7505AB35040	**3,5x40**	20	20
B7505AB40016	**4x16**	40	20
B7505AB40020	**4x20**	40	20
B7505AB40025	**4x25**	40	20
B7505AB40030	**4x30**	20	20
B7505AB40035	**4x35**	20	20

BLISTER — **BICROMATADO** / *YELLOW ZP.*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7505AB40040	**4x40**	20	20
B7505AB40045	**4x45**	20	20
B7505AB40050	**4x50**	20	20
B7505AB40060	**4x60**	20	20
B7505AB45020	**4,5x20**	20	20
B7505AB45025	**4,5x25**	20	20
B7505AB45030	**4,5x30**	20	20
B7505AB45035	**4,5x35**	20	20
B7505AB45040	**4,5x40**	20	20
B7505AB45045	**4,5x45**	20	20
B7505AB45050	**4,5x50**	10	20
B7505AB45060	**4,5x60**	10	20
B7505AB50020	**5x20**	10	20
B7505AB50025	**5x25**	10	20
B7505AB50030	**5x30**	10	20
B7505AB50035	**5x35**	10	20

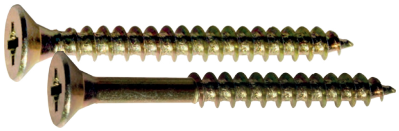
BLISTER — **BICROMATADO** / *YELLOW ZP.*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7505AB50040	**5x40**	10	20
B7505AB50050	**5x45**	10	20
B7505AB50050	**5x50**	10	20
B7505AB50060	**5x60**	10	20
B7505AB50070	**5x70**	4	20
B7505AB50080	**5x80**	4	20
B7505AB50090	**5x90**	4	20
B7505AB50100	**5x100**	4	20
B7505AB60040	**6x40**	10	20
B7505AB60045	**6x45**	10	20
B7505AB60050	**6x50**	10	20
B7505AB60060	**6x60**	10	20
B7505AB60070	**6x70**	4	20
B7505AB60080	**6x80**	4	20
B7505AB60090	**6x90**	4	20
B7505AB60100	**6x100**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 7505-A PZ BICROMATADO

CHIPBOARD SCREW PZ YELLOW ZINC PLATED
VIS À BOIS PZ BICHROMATÉ
SENKKOPF-SPANPLATTENSCHRAUBE GELB VERZINKT



AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BF7505A30016	**3x16**	200	12
BF7505A30020	**3x20**	200	12
BF7505A30025	**3x25**	200	12
BF7505A30030	**3x30**	200	12
BF7505A30040	**3x40**	200	12
BF7505A35016	**3,5x16**	200	12
BF7505A35020	**3,5x20**	200	12
BF7505A35025	**3,5x25**	200	12
BF7505A35030	**3,5x30**	200	12
BF7505A35035	**3,5x35**	150	12
BF7505A35040	**3,5x40**	150	12
BF7505A40016	**4x16**	200	12
BF7505A40020	**4x20**	200	12
BF7505A40025	**4x25**	200	12
BF7505A40030	**4x30**	175	12
BF7505A40035	**4x35**	150	12
BF7505A40040	**4x40**	150	12
BF7505A40045	**4x45**	100	12
BF7505A40050	**4x50**	75	12
BF7505A40060	**4x60**	50	12

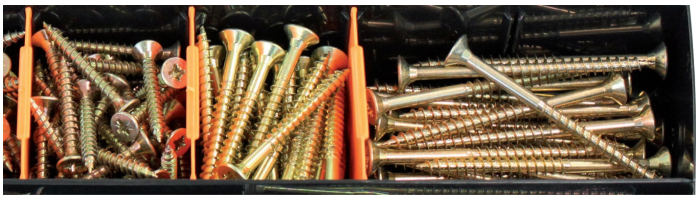
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BF7505A45030	**4,5x30**	150	12
BF7505A45035	**4,5x35**	100	12
BF7505A45040	**4,5x40**	100	12
BF7505A45045	**4,5x45**	75	12
BF7505A45050	**4,5x50**	75	12
BF7505A45060	**4,5x60**	50	12
BF7505A45070	**4,5x70**	40	12
BF7505A50030	**5x30**	100	12
BF7505A50035	**5x35**	100	12
BF7505A50040	**5x40**	75	12
BF7505A50050	**5x50**	50	12
BF7505A50060	**5x60**	50	12
BF7505A50070	**5x70**	30	12
BF7505A50080	**5x80**	25	12
BF7505A50090	**5x90**	20	12
BF7505A60040	**6x40**	80	12
BF7505A60050	**6x50**	50	12
BF7505A60060	**6x60**	40	12
BF7505A60070	**6x70**	20	12
BF7505A60080	**6x80**	15	12
BF7505A60090	**6x90**	15	12
BF7505A60100	**6x100**	10	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN TORNILLOS DIN 7505-A PZ BICROMATADOS

YELLOW ZINC PLATED SCREW DIN 7505A BRIEFCASE
MALLETTE DE VIS BICHROMATÉ DIN 7505A
HANDKOFFER AUS SENKKOPF-SPANPLATTENSCHRAUBE GELB VERZINKT DIN 7505A



MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M75052**

MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
3x12	100	**4,5x30**	25
3x16	100	**4,5x35**	25
3x20	100	**4,5x40**	25
3,5x16	100	**4,5x45**	25
3,5x20	100	**5x30**	25
3,5x25	50	**5x35**	25
4x20	50	**5x40**	25
4x25	50	**6x60**	12
4x30	50	**6x80**	12
4x35	50	**6x120**	6
4,5x25	50		

TORNILLO DIN 7505-A PZ BICROMATADO + TACO DE NYLON

CHIPBOARD SCREW PZ YELLOW ZINC PLATED + NYLON PLUG
VIS À BOIS PZ BICHROMATÉ + CHEVILLE NYLON
SENKKOPF-SPANPLATTENSCHRAUBE GELB VERZINKT + NYLONDÜBEL

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BF75ATN05	**3,5x30 / Ø5x25**	50	12
BF75ATN06	**4x35 / Ø6x30**	40	12
BF75ATN08	**5x50 / Ø8x40**	25	12
BF75ATN10	**6x60 / Ø10x50**	12	12

BLISTER / *BLISTER / BLISTER* — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
B75ATN05	**3,5x30 / Ø5x25**	6	20
B75ATN06	**4x35 / Ø6x30**	6	20
B75ATN08	**5x50 / Ø8x40**	6	20
B75ATN10	**6x60 / Ø10x50**	2	20

TORNILLO DIN 7505-A PZ BICROMATADO + TACO DE NYLON GTX

CHIPBOARD SCREW PZ YELLOW ZINC PLATED + GTX NYLON PLUG
VIS À BOIS PZ BICHROMATÉ + CHEVILLE NYLON GTX
SENKKOPF-SPANPLATTENSCHRAUBE GELB VERZINKT + NYLONDÜBEL GTX

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **BICROMATADO / *YELLOW ZP.***

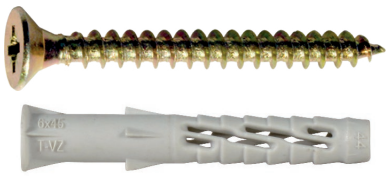
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BF75AG05	**4x30 / Ø5x25**	50	12
BF75AG06	**4,5x40 / Ø6x30**	40	12
BF75AG08	**5x50 / Ø8x40**	25	12

BLISTER / *BLISTER / BLISTER* — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
B75AGT05	**4x30 / Ø5x25**	6	20
B75AGT06	**4,5x40 / Ø6x30**	6	20
B75AGT08	**5x50 / Ø8x40**	6	20
B75AGT10	**6x60 / Ø10x50**	2	20

TLLO. DIN 7505-A PZ BICROMATADO + VZ

CHIPBOARD SCREW PZ YELLOW ZINC PLATED + VZ
VIS À BOIS PZ BICHROMATÉ + CHEVILLE NYLON VZ
SENKKOPF-SPANPLATTENSCHRAUBE GELB VERZINKT + VZ



AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **BICROMATADO / *YELLOW ZP.***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BF75AV63	**4,5x45 / Ø6x32**	50	12
BF75AV64	**4,5x60 / Ø6x45**	30	12
BF75AV84	**5x50 / Ø8x42**	25	12
BF75AV85	**5x60 / Ø8x52**	20	12
BF75AV10	**6x60 / Ø10x50**	12	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN "MTTB"

"MTTB" BRIEFCASE
MALLETTE "MTTB"
"MTTB" HANDKOFFER

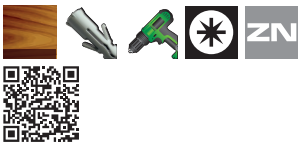
MALETÍN / *BRIEFCASE / MALLETTE*

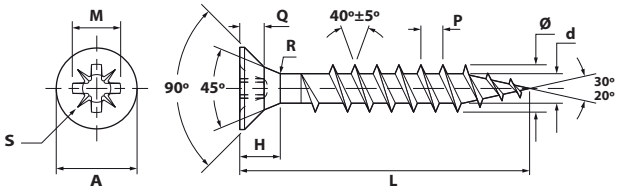
CÓDIGO / *Code / Code:* **MTTB2**

TACO NYLON GTX MEDIDA *Measure* m.m.		TLLO. DIN 7505A BC MEDIDA *Measure* m.m.		BROCAS FLASH MEDIDA *Measure* m.m.	
Ø5	100	**4x30**	100	**Ø5**	1
Ø6	100	**4,5x40**	100	**Ø6**	1
Ø8	50	**5x50**	50	**Ø8**	1
Ø10	25	**6x60**	25	**Ø10**	1

TORNILLO DIN 7505-A PZ CINCADO

CHIPBOARD SCREW PZ ZINC PLATED
VIS À BOIS PZ EN ACIER ZINGUÉ
SENKKOPF-SPANPLATTENSCHRAUBE VERZINKT





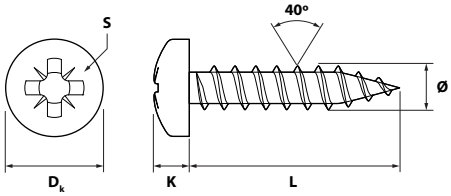
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7505AZ** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3**	**Ø3,5**	**Ø4**	**Ø4,5**	**Ø5**	**Ø6**
12	1.000					
16	1.000	1.000	500			
20	1.000	1.000	500	500		
25	1.000	1.000	500	500	200	
30	1.000	500	500	500	200	
35	500	500	500	500	200	
40	500	500	500	500	200	200
45		200	200	200	200	200
50		200	200	200	200	200
60			200	200	200	200
70			200	200	200	200
80				200	200	200
90					100	100
100					100	100
120					100	100
140						100
160						100
180						100
200						100
						MEDIDAS / *Measures / Mesures*
A	5,70 - 6,05	6,60 - 7,00	7,55 - 8,00	8,55 - 9,00	9,55 - 10,00	11,50 - 12,00
H ≈	3	3,5	4	4,5	5	6
d	1,50 - 1,90	1,75 - 2,15	2,05 - 2,50	2,22 - 2,70	2,52 - 3,00	3,22 - 3,70
P ≈	1,35	1,65	1,80	2,10	2,30	2,60
Q	1,60 - 2,11	1,76 - 2,16	2,05 - 2,51	2,46 - 3,02	2,99 - 3,55	2,99 - 3,55
M	3	4	4,4	4,8	5,3	6,6
S (PZ)	1	2	2	2	2	3
R max.	1,5	1,8	2,0	2,2	2,5	2,5

TORNILLO DIN 7505-B PZ CINCADO

CHIPBOARD SCREW PZ ZINC PLATED
VIS À BOIS PZ EN ACIER ZINGUÉ
SENKKOPF-SPANPLATTENSCHRAUBE VERZINKT



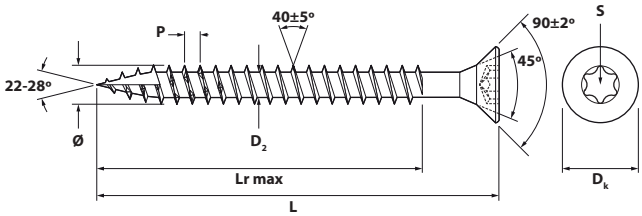
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7505BZ** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3,5**	**Ø4**	**Ø4,5**	**Ø5**	**Ø6**
16	1.000	500			
20	1.000	500	500	500	
25	500	500	500	200	
30	500	500	500	200	
35		500	200	200	
40	500	500	200	200	200
45		200	200	200	
50	200	200	200	200	200
60		200	200	200	200
70				200	200
					MEDIDAS / *Measures / Mesures*
D_K	7	8	9	10	12
K	2,6	2,8	3	3,5	4,2
S (PZ)	2	2	2	2	3

TORNILLO DIN 7505-A AUTOPERFORANTE TX BICROMATADO

MULTISCREW FLAT HEAD TX - YELLOW ZINC PLATED
VIS À BOIS AUTOPERCEUSE TX BICHROMATÉ
SENKKOPF-SPANPLATTENSCHRAUBE, INNENSECHSRUND, GELB VERZINKT - BOHRSCHRAUBEN



CAJA / *BOX / BOÎTE* — **BICROMATADO** / *YELLOW ZP.*

CÓDIGO / *Code / Code:* **7505ABT** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3**	**Ø3,5**	**Ø4**	**Ø4,5**	**Ø5**	**Ø6**
16	1.000	1.000	500			
20	1.000	1.000	500			
25	500	500	500	500		
30	500	500	500	500	200	
35		500	500	200	200	
40	500	500	500	200	200	200
45			200	200	200	200
50		200	200	200	200	200
60			200	200	200	200
70					200	200
80					200	200
90					100	100
100					100	100
120					100	100
140						100
160						100
180						100
200						100
						MEDIDAS / *Measures / Mesures*
D_K	6	7	8	9	10	12
D_2	1,9	2,2	2,5	2,7	3	3,6
P	1,35	1,6	1,8	2	2,2	2,6
S (TX)	T10	T15	T20	T20	T25	T30
Lr max.	F*	F*	60	60	60	60

* F: Rosca completa / *Full thread / Fil complet / Voller faden*

AUTOSERVICIO — **BICROMATADO** / *YELLOW ZP.*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7505AT30016	**3x16**	200	12
BF7505AT30020	**3x20**	200	12
BF7505AT30025	**3x25**	200	12
BF7505AT30030	**3x30**	200	12
BF7505AT35016	**3,5x16**	200	12
BF7505AT35020	**3,5x20**	200	12
BF7505AT35025	**3,5x25**	200	12
BF7505AT35030	**3,5x30**	200	12
BF7505AT35040	**3,5x40**	150	12
BF7505AT40016	**4x16**	200	12
BF7505AT40020	**4x20**	200	12
BF7505AT40025	**4x25**	200	12

AUTOSERVICIO — **BICROMATADO** / *YELLOW ZP.*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7505AT40030	**4x30**	175	12
BF7505AT40035	**4x35**	150	12
BF7505AT40040	**4x40**	150	12
BF7505AT40045	**4x45**	100	12
BF7505AT40050	**4x50**	75	12
BF7505AT40060	**4x60**	50	12
BF7505AT45030	**4,5x30**	150	12
BF7505AT45040	**4,5x40**	100	12
BF7505AT45050	**4,5x50**	75	12
BF7505AT45060	**4,5x60**	50	12
BF7505AT50035	**5x35**	100	12
BF7505AT50040	**5x40**	75	12

AUTOSERVICIO — **BICROMATADO** / *YELLOW ZP.*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7505AT50050	**5x50**	50	12
BF7505AT50060	**5x60**	50	12
BF7505AT50070	**5x70**	30	12
BF7505AT50080	**5x80**	25	12
BF7505AT50090	**5x90**	20	12
BF7505AT60060	**6x60**	40	12
BF7505AT60070	**6x70**	20	12
BF7505AT60080	**6x80**	15	12
BF7505AT60090	**6x90**	15	12
BF7505AT60100	**6x100**	10	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

ESPÁRRAGO DOBLE ROSCA TX CINCADO

ZINC PLATED DOWEL THREAD SCREW WITH TORX HEAD
VIS COMBI AVEC SECTION HEXAGONAL TORX EN ACIER ZINGUÉ
VERZINKTE SCHRAUBE MIT DOPPELTEM GEWINDE

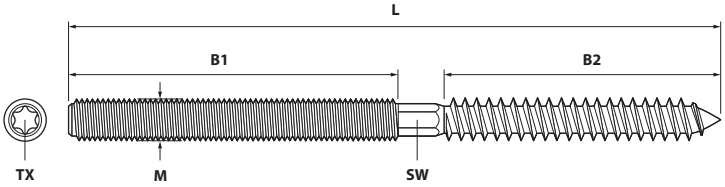
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	LLAVE *Wrench / Clé* TX	SW m.m.	B1 m.m.	B2 m.m.	
EDRT08080	**8x80**	T25	6	30	37	100
EDRT08090	**8x90**	T25	6	40	37	100
EDRT08100	**8x100**	T25	6	40	47	100
EDRT08120	**8x120**	T25	6	50	47	100
EDRT08150	**8x150**	T25	6	50	47	100
EDRT08160	**8X160**	T25	6	50	47	100
EDRT08180	**8X180**	T25	6	50	62	100
EDRT10060	**10X60**	T25	8	10	35	100
EDRT10080	**10x80**	T25	8	10	45	100
EDRT10100	**10x100**	T25	8	40	45	50
EDRT10120	**10x120**	T25	8	40	55	50
EDRT10140	**10x140**	T25	8	50	55	50
EDRT10160	**10x160**	T25	8	50	55	50
EDRT10180	**10x180**	T25	8	50	55	50
EDRT10200	**10x200**	T25	8	50	55	50

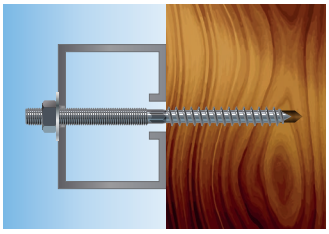
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

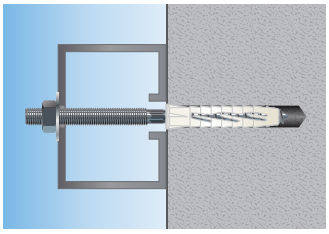
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BFEDRT10080	**10x80**	10	12
BFEDRT10100	**10x100**	8	12
BFEDRT10120	**10x120**	8	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG



INSTALACIÓN / ***INSTALLATION***





TORNILLO ABRAZADERA DOBLE ROSCA CINCADO

DOUBLE THREADED SCREW ZINC PLATED
VIS POUR COLLIER ET CRAMPON ZINGUÉ
VERZINKTE VERBINDUNGSSCHRAUBE MIT DOPPELTEM GEWINDE

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

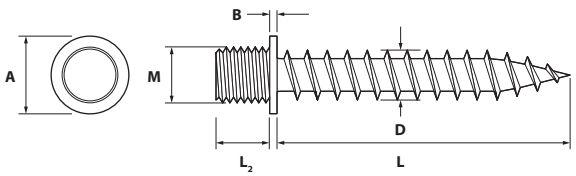
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	A Ø m.m.	B Ø m.m.	D Ø m.m.	L_2 Ø m.m.	
DRZ630	**6x30**	8÷8,2	0,9÷1,1	4,85÷5,15	5,8÷6,2	100
DRZ640	**6x40**	8÷8,2	0,9÷1,1	4,85÷5,15	5,8÷6,2	100
DRZ840	**8x40**	8,4÷8,6	1,3÷1,5	5,85÷6,15	7,3÷7,7	100

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BDRZ630	**6x30**	8	12
BDRZ640	**6x40**	8	12
BDRZ840	**8x40**	8	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

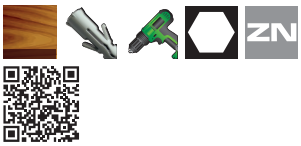
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BFDR630	**6x30**	40	12
BFDR640	**6x40**	30	12
BFDR840	**8x40**	20	12

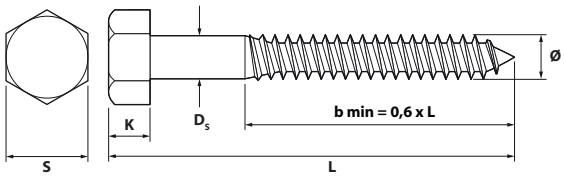


PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO BARRAQUERO DIN 571 CINCADO

HEXAGONAL HEAD WOOD SCREW ZINC PLATED
TIREFOND À VISSER AVEC TÊTE HEXAGONALE EN ACIER ZINGUÉ
SECHSKANT-HOLZSCHRAUBE VERZINKT





CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **571Z** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø5**	**Ø6**	**Ø7**	**Ø8**	**Ø10**	**Ø12**
25	200	200		200		
30	200	200		200		
35	200	200		200		
40	200	200		200	100	
45	200	200	200	200	100	
50	200	200	200	200	100	100
60	200	200	100	100	100	100
70	200	200	100	100	100	50
80		200	100	100	50	50
90		200	100	100	50	50
100		100	100	100	50	50
110			100	50	50	25
120		100	100	50	50	25
130				50	50	25
140			100	50	50	25
150				50	50	25
160				50	50	25
180				50	50	25
200				50	50	25
						MEDIDAS / *Measures / Mesures*
D_s min.	4,52	5,52	6,42	7,42	9,42	11,3
S (Hexagonal)	8	10	12	13	17	19
K	3,5	4	5	5,5	7	8

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF57105040	**5x40**	50	12
BF57105050	**5x50**	40	12
BF57106040	**6x40**	40	12
BF57106050	**6x50**	35	12
BF57106060	**6x60**	25	12
BF57107050	**7x50**	25	12
BF57107060	**7x60**	20	12
BF57107070	**7x70**	20	12
BF57107080	**7x80**	15	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF57108050	**8x50**	20	12
BF57108060	**8x60**	15	12
BF57108070	**8x70**	15	12
BF57108080	**8x80**	12	12
BF57108090	**8x90**	10	12
BF57108100	**8x100**	10	12
BF57110070	**10x70**	10	12
BF57110080	**10x80**	10	12
BF57110090	**10x90**	8	12
BF57110100	**10x100**	8	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO BARRAQUERO DIN 571 CINCADO

HEXAGONAL HEAD WOOD SCREW ZINC PLATED
TIREFOND À VISSER AVEC TÊTE HEXAGONALE EN ACIER ZINGUÉ
SECHSKANT-HOLZSCHRAUBE VERZINKT

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
B571Z05025	**5x25**	4	20
B571Z05030	**5x30**	4	20
B571Z05035	**5x35**	4	20
B571Z05040	**5x40**	4	20
B571Z05050	**5x50**	4	20
B571Z06025	**6x25**	4	20
B571Z06030	**6x30**	4	20
B571Z06035	**6x35**	4	20
B571Z06040	**6x40**	4	20
B571Z06050	**6x50**	4	20
B571Z06060	**6x60**	4	20
B571Z06070	**6x70**	4	20
B571Z06080	**6x80**	4	20
B571Z06090	**6x90**	4	20
B571Z06100	**6x100**	4	20
B571Z07040	**7x40**	4	20
B571Z07050	**7x50**	4	20
B571Z07060	**7x60**	4	20

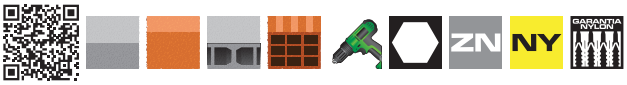
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
B571Z07070	**7x70**	4	20
B571Z07080	**7x80**	4	20
B571Z07090	**7x90**	4	20
B571Z07100	**7x100**	4	20
B571Z08040	**8x40**	4	20
B571Z08045	**8x45**	4	20
B571Z08050	**8x50**	4	20
B571Z08060	**8x60**	4	20
B571Z08070	**8x70**	4	20
B571Z08080	**8x80**	4	15
B571Z08090	**8x90**	2	15
B571Z08100	**8x100**	2	15
B571Z10050	**10x50**	2	15
B571Z10060	**10x60**	2	15
B571Z10070	**10x70**	2	15
B571Z10080	**10x80**	2	15
B571Z10090	**10x90**	2	15
B571Z10100	**10x100**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TLLO. DIN 571 CINCADO + TACO DE NYLON GTX

HEXAGONAL HEAD WOOD SCREW ZINC PLATED + GTX NYLON PLUG
TIREFOND À VISSER AVEC TÊTE HEXAGONALE ZINGUÉ + GTX
SECHSKANT-HOLZSCHRAUBE VERZINKT + NYLONDÜBEL GTX

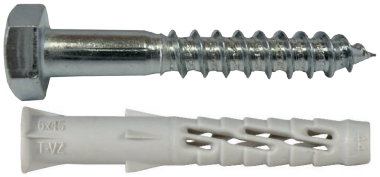


BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
B571GT06	**4,5x40 / Ø6x30**	6	20
B571GT08	**5x50 / Ø8x40**	6	20
B571GT10	**6x60 / Ø10x50**	4	20

TLLO. DIN 571 CINCADO + TACO DE NYLON VZ

HEXAGONAL HEAD WOOD SCREW ZINC PLATED + VZ NYLON PLUG
TIREFOND À VISSER AVEC TÊTE HEXAGONALE ZINGUÉ + VZ
SECHSKANT-HOLZSCHRAUBE VERZINKT + NYLONDÜBEL VZ



AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BF571V84	**5x50 / Ø8x42**	25	12
BF571V85	**5x60 / Ø8x52**	20	12
BF571V10	**6x60 / Ø10x50**	12	12
BF571V12	**7x70 / Ø12x60**	8	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO INVIOLABLE ROSCA MADERA TX CINCADO

MUSHROOM HEAD 6LOBE-RECESS WOOD SCREW ZINC PLATED
VIS À BOIS TÊTE BOMBÉE À SIX LOBES EN ACIER ZINGUÉ
RUNDKOPF-HOLZSCHRAUBE MIT INNERSECHSRUND VERZINKT

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

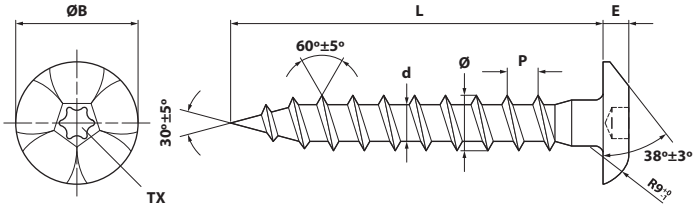
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* TX	ØB m.m.	d m.m.	P m.m.	E m.m.	
TITMZ07060	**7x60**	T40	12	4,9	3,2	5	100
TITMZ07070	**7x70**	T40	12	4,9	3,2	5	100
TITMZ07085	**7x85**	T40	12	4,9	3,2	5	100
TITMZ07105	**7x105**	T40	12	4,9	3,2	5	100
TITMZ07120	**7x120**	T40	12	4,9	3,2	5	100
TITMZ07140	**7x140**	T40	12	4,9	3,2	5	100
TITMZ07165	**7x165**	T40	12	4,9	3,2	5	100

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BTITMZ7060	**7x60**	2	20
BTITMZ7085	**7x70**	2	20
BTITMZ7105	**7x85**	2	20
BTITMZ7120	**7x105**	2	15

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFTITMZ7060	**7x60**	15	12
BFTITMZ7070	**7x70**	15	12
BFTITMZ7085	**7x85**	12	12
BFTITMZ7105	**7x105**	10	12



PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO ROSCA MADERA TX CINCADO NEGRO

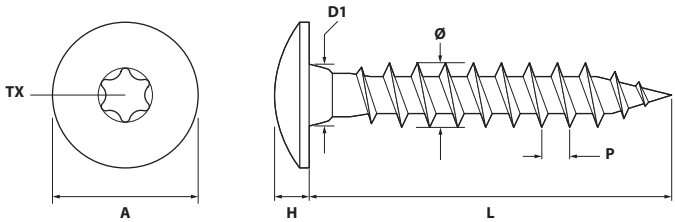
MUSHROOM HEAD 6LOBE-RECESS WOOD SCREW BLACK ZINC PLATED
VIS À BOIS TÊTE BOMBÉE À SIX LOBES EN ACIER ZINGUÉ NOIR
RUNDKOPF-HOLZSCHRAUBE MIT INNERSECHSRUND SCHWARZ VERZINKT

CAJA / *BOX / BOÎTE* — **CINCADO NEGRO** / *BLACK ZP.*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* TX	A min. m.m.	H min. m.m.	d1 min. m.m.	P m.m.	
TTMN06020	**6x20**	T30	14,5	3	5,8	~2,7	200
TTMN06025	**6x25**	T30	14,5	3	5,8	~2,7	200
TTMN06030	**6x30**	T30	14,5	3	5,8	~2,7	200
TTMN06035	**6x35**	T30	14,5	3	5,8	~2,7	200
TTMN06040	**6x40**	T30	14,5	3	5,8	~2,7	200
TTMN06050	**6x50**	T30	14,5	3	5,8	~2,7	200
TTMN07040	**7x40**	T30	16,5	3,4	6,8	~3,3	200
TTMN07050	**7x50**	T30	16,5	3,4	6,8	~3,3	200
TTMN07060	**7x60**	T30	16,5	3,4	6,8	~3,3	200
TTMN07070	**7x70**	T30	16,5	3,4	6,8	~3,3	200

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO NEGRO** / *BLACK ZP.*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFTTMN06020	**6x20**	50	12
BFTTMN06025	**6x25**	50	12
BFTTMN06030	**6x30**	50	12
BFTTMN06040	**6x40**	50	12
BFTTMN06050	**6x50**	30	12
BFTTMN07040	**7x40**	25	12
BFTTMN07060	**7x60**	15	12
BFTTMN07070	**7x70**	15	12



PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO FOSFATADO PARA CARTÓN-YESO

PHOSPHATED DRYWALL SCREW FOR PLASTERBOARD
VIS POUR PLAQUES DE PLÂTRE EN ACIER PHOSPHATÉ
PHOSPHATIERTE SCHWARZE TROPETEKOPFSCHRAUBE FÜR GIPSKARTON

CAJA / *BOX / BOÎTE* — **FOSFATADO** / *PHOSPHATED*

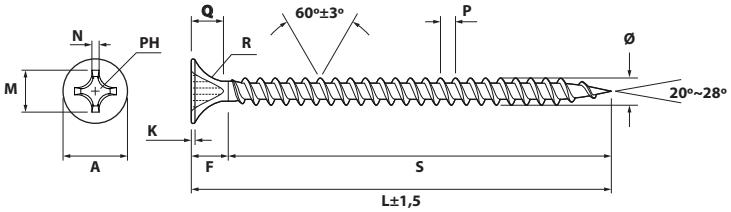
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* PH	PAR DE APRIETE *Torque / Torque* Nm	GROSOR A FIJAR *Thickness to fix / Épaisseur* m.m.	A m.m.	Q m.m.	M m.m.	F m.m.	P m.m.	D m.m.	
PLADUR35025	**3,5x25**	2	2	5 - 19	7,9	2,5 - 3,0	4,5 - 5,1	4,5 - 7	1,4 - 1,7	3,3 - 3,6	1.000
PLADUR35035	**3,5x35**	2	2	5 - 29	7,9	2,5 - 3,0	4,5 - 5,1	4,5 - 7	1,4 - 1,7	3,3 - 3,6	1.000
PLADUR35045	**3,5x45**	2	2	5 - 39	7,9	2,5 - 3,0	4,5 - 5,1	4,5 - 7	1,4 - 1,7	3,3 - 3,6	1.000

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **FOSFATADO** / *PHOSPHATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFPLADUR35025	**3,5x25**	100	12
BFPLADUR35035	**3,5x35**	100	12
BFPLADUR35045	**3,5x45**	100	12

BLISTER / *BLISTER / BLISTER* — **FOSFATADO** / *PHOSPHATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BPLADUR35025	**3,5x25**	50	20
BPLADUR35035	**3,5x35**	40	20
BPLADUR35045	**3,5x45**	25	20



PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO AUTOPERFORANTE FOSFATADO PARA CARTÓN-YESO

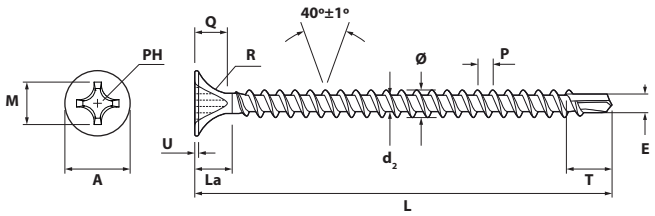
SELF-DRILLING PHOSPHATED DRYWALL SCREW FOR PLASTERBOARD
VIS AUTOPERCEUSE POUR PLAQUES DE PLÂTRE EN ACIER PHOSPHATÉ
PHOSPHATIERTE SCHWARZE TROPETEKOPFSCHRAUBE FÜR GIPSKARTON

CAJA / *BOX / BOÎTE* — **FOSFATADO** / *PHOSPHATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* PH	PAR DE APRIETE *Torque / Torque* Nm	GROSOR A FIJAR *Thickness to fix / Épaisseur* m.m.	A m.m.	M m.m.	La m.m.	Q m.m.	d_2 m.m.	E m.m.	T m.m.	
PLADURA35025	**3,5x25**	2	2	5 - 19	7,8 - 8,5	4,5 - 5	4,5 - 7,0	2,35 - 2,93	2 - 2,3	2,75 - 2,9	3,5 - 4,8	1.000
PLADURA35035	**3,5x35**	2	2	5 - 29	7,8 - 8,5	4,5 - 5	4,5 - 7,0	2,35 - 2,93	2 - 2,3	2,75 - 2,9	3,5 - 4,8	1.000
PLADURA35045	**3,5x45**	2	2	5 - 39	7,8 - 8,5	4,5 - 5	4,5 - 7,0	2,35 - 2,93	2 - 2,3	2,75 - 2,9	3,5 - 4,8	1.000

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **FOSFATADO** / *PHOSPHATED*

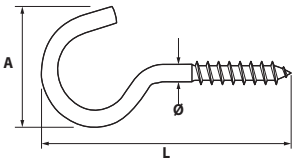
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFPA35025	**3,5x25**	100	12
BFPA35035	**3,5x35**	100	12
BFPA35045	**3,5x45**	100	12



PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CÁNCAMO ABIERTO CINCADO

HOOK WOOD SCREW ZINC PLATED
VIS CROCHER ROND À BOIS EN ACIER ZINGUÉ
HOLZSCHRAUBE MIT RUNDHAKEN VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº	A m.m.	Ø m.m.	L m.m.	
CAZ14025	**14x25**	9	2	21	500
CAZ14030	**14x30**	9	2	24	500
CAZ16030	**16x30**	10	2,4	25	300
CAZ16035	**16x35**	10	2,4	27	300
CAZ17035	**17x35**	12	2,7	25	300
CAZ17040	**17x40**	12	2,7	29	300
CAZ17050	**17x50**	14	2,7	35	300
CAZ18040	**18x40**	14	2,9	30	300
CAZ18045	**18x45**	14	2,9	33	300
CAZ18050	**18x50**	14	2,9	36	300
CAZ18060	**18x60**	17	2,9	41	200
CAZ18070	**18X70**	20	2,9	45	200
CAZ19050	**19x50**	16	3,4	34	200
CAZ19060	**19x60**	17	3,4	42	200
CAZ19070	**19x70**	21	3,4	50	200
CAZ19080	**19x80**	25	3,4	53	200

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº	A m.m.	Ø m.m.	L m.m.	
CAZ20050	**20x50**	17	3,9	34	200
CAZ20060	**20x60**	20	3,9	42	200
CAZ20070	**20x70**	22	3,9	47	200
CAZ20080	**20x80**	26	3,9	53	200
CAZ20090	**20x90**	28	3,9	58	100
CAZ21070	**21x70**	21	4,4	48	200
CAZ21080	**21x80**	26	4,4	54	100
CAZ21090	**21x90**	26	4,4	58	100
CAZ21100	**21x100**	30	4,4	60	100
CAZ22100	**22x100**	33	4,9	70	100
CAZ22120	**22x120**	33	4,9	84	100
CAZ23120	**23x120**	35	5,4	87	100
CAZ23130	**23x130**	39	5,4	90	50
CAZ23140	**23x140**	40	5,4	100	50
CAZ23150	**23x150**	40	5,4	110	50

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº		
BCAZ14025	**14x25**	25	20
BCAZ16030	**16x30**	15	20
BCAZ17040	**17x40**	15	20
BCAZ18040	**18x40**	15	20
BCAZ18050	**18x50**	15	20
BCAZ19050	**19x50**	10	20
BCAZ19060	**19x60**	10	20
BCAZ19070	**19x70**	10	20

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº		
BCAZ20050	**20x50**	8	20
BCAZ20060	**20x60**	8	20
BCAZ20070	**20x70**	8	20
BCAZ20080	**20x80**	8	20
BCAZ21070	**21x70**	6	20
BCAZ21080	**21x80**	6	20
BCAZ21090	**21x90**	4	20
BCAZ21100	**21x100**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CÁNCAMO ABIERTO CINCADO + TACO DE NYLON GTX

HOOK WOOD SCREW ZINC PLATED + GTX NYLON PLUG
VIS CROCHER ROND À BOIS EN ACIER ZINGUÉ + CHEVILLE NYLON GTX
HOLZSCHRAUBE MIT RUNDHAKEN VERZINKT + NYLONDÜBEL GTX

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº / ØxL m.m.		
BFCAZG05	**19x70 / Ø5x25**	25	12
BFCAZG06	**20x80 / Ø6x30**	20	12
BFCAZG08	**21x100 / Ø8x40**	10	12

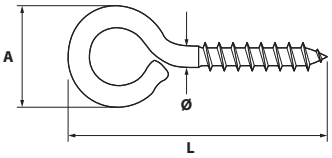
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº / ØxL m.m.		
BCAZGT05	**19x70 / Ø5x25**	6	20
BCAZGT06	**20x80 / Ø6x30**	6	20
BCAZGT08	**21x100 / Ø8x40**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CÁNCAMO CERRADO CINCADO

EYE WOOD SCREW ZINC PLATED
VIS OEILLET À BOIS EN ACIER ZINGUÉ
HOLZ-AUGENSCHRAUBE VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº	A m.m.	Ø m.m.	L m.m.	
CCZ14025	**14x25**	9	2	20	500
CCZ14030	**14x30**	9	2	23	500
CCZ16030	**16x30**	10	2,4	23	300
CCZ16035	**16x35**	10	2,4	25	300
CCZ17035	**17x35**	11	2,7	24	300
CCZ17040	**17x40**	11	2,7	27	300
CCZ17050	**17x50**	13	2,7	33	300
CCZ17060	**17x60**	13	2,7	36	300
CCZ18040	**18x40**	13	2,9	29	300
CCZ18045	**18x45**	13	2,9	32	300
CCZ18050	**18x50**	13	2,9	34	300
CCZ18060	**18x60**	13	2,9	37	200
CCZ19050	**19x50**	14	3,4	34	200
CCZ19060	**19x60**	16	3,4	40	200
CCZ19070	**19x70**	17	3,4	45	200
CCZ19080	**19x80**	17	3,4	50	200

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº	A m.m.	Ø m.m.	L m.m.	
CCZ20050	**20x50**	17	3,9	39	200
CCZ20060	**20x60**	17	3,9	41	200
CCZ20070	**20x70**	18	3,9	45	200
CCZ20080	**20x80**	18	3,9	51	200
CCZ20090	**20x90**	21	3,9	57	100
CCZ21070	**21x70**	20	4,4	48	200
CCZ21080	**21x80**	21	4,4	54	100
CCZ21090	**21x90**	21	4,4	60	100
CCZ21100	**21x100**	21	4,4	64	100
CCZ22080	**22x80**	22	4,9	55	100
CCZ22090	**22x90**	22	4,9	65	100
CCZ22100	**22x100**	23	4,9	70	100
CCZ22120	**22x120**	25	4,9	77	100
CCZ23120	**23x120**	26	5,4	75	100
CCZ23140	**23x140**	30	5,4	96	50
CCZ23150	**23x150**	30	5,4	102	50

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº		
BCCZ14025	**14x25**	25	20
BCCZ16030	**16x30**	15	20
BCCZ17040	**17x40**	15	20
BCCZ18040	**18x40**	15	20
BCCZ18050	**18x50**	15	20
BCCZ19050	**19x50**	10	20
BCCZ19060	**19x60**	10	20
BCCZ19070	**19x70**	10	20

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº		
BCCZ20050	**20x50**	8	20
BCCZ20060	**20x60**	8	20
BCCZ20070	**20x70**	8	20
BCCZ20080	**20x80**	8	20
BCCZ21070	**21x70**	6	20
BCCZ21080	**21x80**	6	20
BCCZ21090	**21x90**	4	20
BCCZ21100	**21x100**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CÁNCAMO CERRADO CINCADO + TACO DE NYLON GTX

EYE WOOD SCREW ZINC PLATED + GTX NYLON PLUG
VIS OEILLET À BOIS EN ACIER ZINGUÉ + CHEVILLE NYLON GTX
HOLZ-AUGENSCHRAUBE VERZINKT + NYLONDÜBEL GTX

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº / ØxL m.m.		
BFCCZG05	**19x70 / Ø5x25**	25	12
BFCCZG06	**20x80 / Ø6x30**	20	12
BFCCZG08	**21x100 / Ø8x40**	10	12

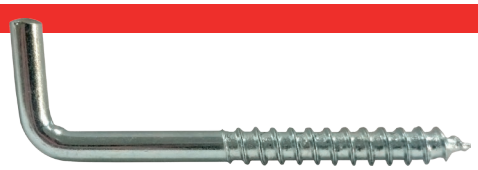
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº / ØxL m.m.		
BCCZGT05	**19x70 / Ø5x25**	6	20
BCCZGT06	**20x80 / Ø6x30**	6	20
BCCZGT08	**21x100 / Ø8x40**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

ALCAYATA ROSCADA CINCADA

"L" SHAPED WOOD SCREW ZINC PLATED
VIS CROCHET DROIT À BOIS EN ACIER ZINGUÉ
HOLZSCHRAUBE HAKEN VERZINKT

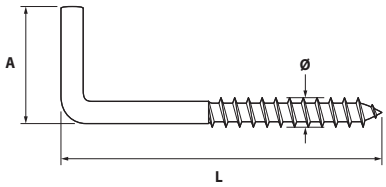


CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº	A m.m.	Ø m.m.	L m.m.	
AZ14025	**14x25**	10	2	17	500
AZ16030	**16x30**	12	2,4	21	300
AZ17035	**17x35**	13	2,7	25	300
AZ17040	**17x40**	14	2,7	29	300
AZ18040	**18x40**	14	2,9	2,9	300
AZ18050	**18x50**	16	2,9	37	300
AZ19050	**19x50**	16	3,4	38	200
AZ19060	**19x60**	18	3,4	46	200
AZ19070	**19x70**	20	3,4	54	200
AZ20050	**20x50**	16	3,9	38	200
AZ20060	**20x60**	18	3,9	46	200
AZ20070	**20x70**	20	3,9	54	200
AZ20080	**20x80**	22	3,9	62	200
AZ21070	**21x70**	20	4,4	54	200
AZ21080	**21x80**	22	4,4	62	100
AZ21090	**21x90**	24	4,4	70	100
AZ21100	**21x100**	26	4,4	78	100
AZ22080	**22x80**	22	4,9	63	100
AZ22100	**22x100**	25	4,9	80	100

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

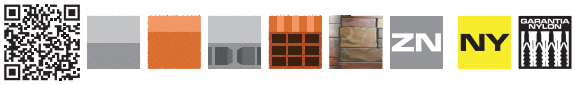
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº		
BAZ14025	**14x25**	25	20
BAZ16030	**16x30**	15	20
BAZ17040	**17x40**	15	20
BAZ18040	**18x40**	15	20
BAZ18050	**18x50**	15	20
BAZ19050	**19x50**	10	20
BAZ19060	**19x60**	10	20
BAZ19070	**19x70**	10	20
BAZ20060	**20x60**	8	20
BAZ20070	**20x70**	6	20
BAZ20080	**20x80**	6	20
BAZ21080	**21x80**	4	20
BAZ21090	**21x90**	2	20
BAZ21100	**21x100**	2	20



PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

ALCAYATA ROSCADA CINCADA + TACO DE NYLON GTX

"L" SHAPED WOOD SCREW ZINC PLATED + GTX NYLON PLUG
VIS CROCHET DROIT À BOIS EN ACIER ZINGUÉ + CHEVILLE NYLON GTX
HOLZSCHRAUBE HAKEN VERZINKT + NYLODÜBEL GTX



AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº / ØxL m.m.		
BFAZG05	**19x70 / Ø5x25**	25	12
BFAZG06	**20x80 / Ø6x30**	20	12
BFAZG08	**21x100 / Ø8x40**	10	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº / ØxL m.m.		
BAZGT05	**19x70 / Ø5x25**	6	20
BAZGT06	**20x80 / Ø6x30**	6	20
BAZGT08	**21x100 / Ø8x40**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

PASADOR DIN 94 / ISO 1234 CINCADO

ZINC PLATED SPLIT PINS DIN 94
GOUPILLE DIN 94 EN ACIER ZINGUÉ
SPLINTE DIN 94 VERZINKT

ZN

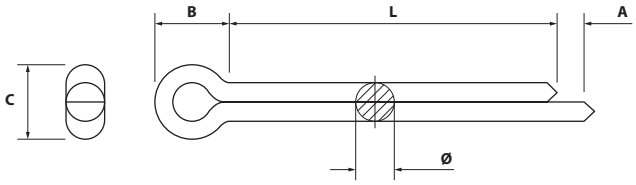
CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO / *Code / Code:* **94Z**

UNIDADES X CAJA / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø1**	**Ø1,6**	**Ø2**	**Ø2,5**	**Ø3,2**	**Ø4**	**Ø5**	**Ø6,3**	**Ø8**	**Ø10**
10	1.000	1.000	1.000							
12	1.000	1.000	1.000	1.000						
16	1.000	1.000	1.000	1.000	1.000	1.000				
18	1.000	1.000								
20	1.000	1.000	1.000	1.000	1.000	1.000	500			
25	1.000	1.000	1.000	1.000	1.000	1.000	500	500		
32		1.000	1.000	1.000	1.000	1.000	500	500		
36		1.000	1.000	1.000	1.000	1.000	500	500		
40			1.000	1.000	1.000	1.000	500	500	100	100
50			1.000	1.000	1.000	1.000	500	200	100	100
56					1.000	1.000	500	200	100	100
63					1.000	1.000	500	200	100	100
71						1.000	500	100	100	100
80							500	100	100	100
90								100	100	100
100								100	100	100
125								100	100	100
140									100	100
160										100
									MEDIDAS / *Measures / Mesures*	
Ø min.	0,8	1,3	1,7	2,1	2,7	3,5	4,4	5,7	7,3	9,3
Ø max.	0,9	1,4	1,8	2,3	2,9	3,7	4,6	5,9	7,5	9,5
B	3,0	3,2	4,0	5,0	6,4	8,0	10,0	12,6	16,0	20,0
C max.	1,8	2,8	3,6	4,6	5,8	7,4	9,2	11,8	15,0	19,0
A max.	1,6	2,5	2,5	2,5	3,2	4,0	4,0	4,0	4,0	6,3



MALETÍN PASADORES DIN 94 / ISO 1234 CINCADOS

ZINC PLATED SPLIT PINS DIN 94 BRIEFCASE
MALLETTE DE GOUPILLE DIN 94 EN ACIER ZINGUÉ
HANDKOFFER AUS SPLINTE DIN 94 VERZINKT

ZN

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M942**

MEDIDA *Measure / Mesure* **ØxL** m.m.	**CANTIDAD** *Quantity / Quantité*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.	**CANTIDAD** *Quantity / Quantité*
1,6x16	50	**4,5x25**	25
2x32	50	**4,5x40**	25
2x50	50	**5x40**	25
2,5x16	50	**5x63**	25
3,2x16	50	**6,3x45**	12
3,2x25	25	**8x50**	12
3,2x56	25	**8x90**	12
4x25	25	**10x90**	5
4x40	25		

PASADOR EN "R" CINCADO

ZINC PLATED SPRING COOTERS FOR BOLT
GOUPILLE BETA EN ACIER ZINGUÉ
BETA-STIFT VERZINKT

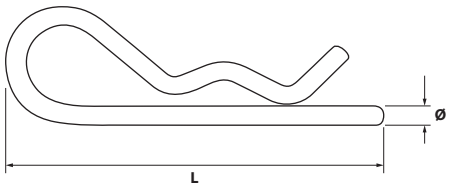
ZN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº	Ø m.m.	L m.m.	
PRZ020050	**2x50**	2	51	200
PRZ025050	**2,5x50**	2,5	51	200
PRZ030070	**3x70**	3	61	200
PRZ035070	**3,5x70**	3,5	67	100
PRZ040085	**4x85**	4	76	100
PRZ045085	**4,5x85**	4,5	83	100
PRZ050105	**5x105**	5	100	100
PRZ060105	**6x105**	6	114	50
PRZ070120	**7x120**	7	120	50
PRZ080155	**8x155**	8	140	25
PRZ100175	**10x175**	10	175	25

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Nº		
BPRZ020050	**2x50**	6	12
BPRZ025050	**2,5x50**	6	12
BPRZ030070	**3x70**	6	12
BPRZ035070	**3,5x70**	6	12
BPRZ040085	**4x85**	6	12
BPRZ045085	**4,5x85**	4	12
BPRZ050105	**5x105**	4	12
BPRZ060105	**6x105**	2	12



AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

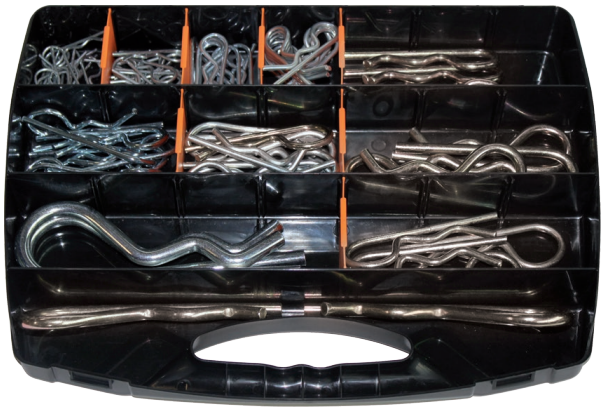
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFPRZ20050	**2x50**	50	12
BFPRZ25050	**2,5x50**	40	12
BFPRZ30070	**3x70**	25	12
BFPRZ35070	**3,5x70**	20	12
BFPRZ40085	**4x85**	15	12
BFPRZ45085	**4,5x85**	10	12
BFPRZ50105	**5x105**	8	12
BFPRZ60105	**6x105**	5	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN PASADORES EN "R" CINCADOS

ZINC PLATED SPRING COOTERS FOR BOLT BRIEFCASE
MALLETTE AVEC TROUSSE DE GOUPILLE BETA EN ACIER ZINGUÉ
HANDKOFFER AUS BETA-STIFT VERZINKT

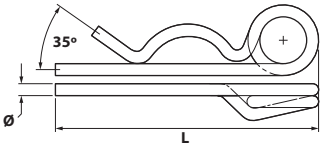
ZN



PASADOR EN "R" DOBLE VUELTA CINCADO

ZINC PLATED SPRING COOTERS DOUBLE LOOP FOR BOLT
GOUPILLE BETA TORDU EN ACIER ZINGUÉ
BETA-STIFT DOPPEL-LOOP VERZINKT

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	
PRD02060	**2x60**	100
PRD03070	**3x70**	100
PRD04090	**4x93**	50
PRD05110	**5x108**	50
PRD06140	**6x120**	40

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MPRZ**

MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
2x51	12	**5x100**	4
2,5x51	12	**6x114**	4
3x61	10	**7x120**	4
3,5x67	10	**8x140**	2
4x76	10	**10x175**	2
4,5x83	7		

PASADOR ANILLA CINCADO

ZINC PLATED LINCH PINS
GOUPILLE ANNEUX EN ACIER ZINGUÉ
KLAPPSTECKER VERZINKT

ZN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

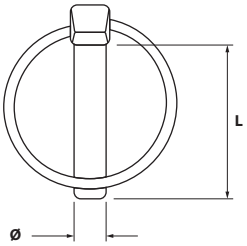
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	
PAZ04532	**4,5x32**	100
PAZ06040	**6x40**	100
PAZ07040	**7x40**	100
PAZ08045	**8x45**	100
PAZ09045	**9x45**	100
PAZ10045	**10x45**	100
PAZ11045	**11x45**	50

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BPAZ045032	**4,5x32**	4	12
BPAZ060040	**6x40**	4	12
BPAZ070040	**7x40**	4	12
BPAZ080045	**8x45**	4	12
BPAZ090045	**9x45**	2	12
BPAZ100045	**10x45**	2	12
BPAZ110045	**11x45**	2	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFPAZ4532	**4,5x32**	10	12
BFPAZ6040	**6x40**	8	12
BFPAZ7040	**7x40**	6	12
BFPAZ8045	**8x45**	6	12



PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN PASADORES ANILLA CINCADOS

ZINC PLATED LINCH PINS BRIEFCASE
MALLETTE DE GOUPILLE ANNEAUX EN ACIER ZINGUÉ
HANDKOFFER AUS KLAPPSTECKER VERZINKT

ZN

MALETÍN / *BRIEFCASE / MALLETTE*

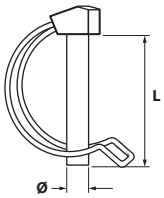
CÓDIGO / *Code / Code:* **MPAZ**

MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
4,5x32	10	**9x45**	8
6x40	8	**10x45**	5
7x40	8	**11x45**	5
8x45	8		

PASADOR ANILLA CENTRO EJE - MEDIA LUNA CINCADO

ZINC PLATED PIPE LINCH PINS
GOUPILLE POUR TUBES EN ACIER ZINGUÉ
ROHRKLAPPSTECKER

ZN



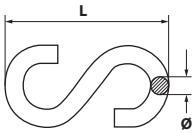
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	
PAC06040	**6x40**	50
PAC07050	**7x50**	50
PAC08050	**8x50**	50
PAC10050	**10x50**	25
PAC12050	**12x50**	20

GANCHO EN "S" CINCADO

ZINC PLATED "S" HOOK
CROCHETS "S" EN ACIER ZINGUÉ
"S" HAKEN VERZINKT

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	
ESEZ2020	**2x20**	200
ESEZ2525	**2,5x25**	200
ESEZ3030	**3x30**	100
ESEZ4040	**4x40**	100
ESEZ4550	**4,5x50**	100
ESEZ5060	**5x60**	100
ESEZ6070	**6x70**	50

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFESEZ2020	**2x20**	100	12
BFESEZ2525	**2,5x25**	75	12
BFESEZ3030	**3x30**	50	12
BFESEZ4040	**4x40**	35	12
BFESEZ5060	**5x60**	12	12
BFESEZ6070	**6x70**	8	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

HEMBRILLLA CERRADA ROSCA MÉTRICA CINCADA

EYE THREAD ZINC PLATED
PITON VIS À OEILLET EN ACIER ZINGUÉ
VERZINKTE AUGENSCHRAUBE

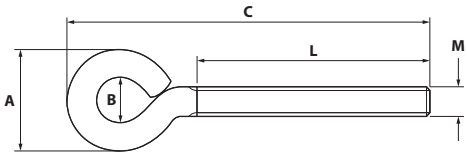
ZN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	A m.m. (±1)	B m.m. (±1)	C m.m. (±1)	
HC04030	**4x30**	17	12	54	200
HC05040	**5x37**	21	16	65	200
HC06050	**6x50**	23	16	80	150
HC08065	**8x65**	30	19	100	100
HC10075	**10x70**	37	19	115	50
HC12085	**12x85**	43	22	135	25

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BHCZ04030	**4x30**	4	15
BHCZ05040	**5x37**	4	15
BHCZ06050	**6x50**	4	15
BHCZ08065	**8x60**	2	15

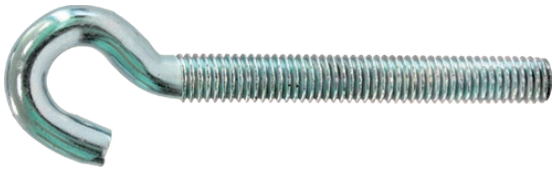


PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

HEMBRILLLA ABIERTA ROSCA MÉTRICA CINCADA

HOOK THREAD ZINC PLATED
PITON VIS À OEILLET OUVERT EN ACIER ZINGUÉ
VERZINKTE RUNDHAKEN

ZN

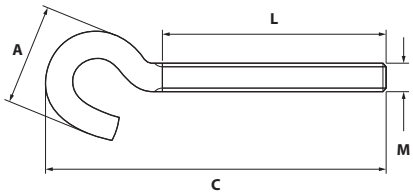


CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	A m.m. (±1)	C m.m. (±1)	
HA04030	**4x30**	17	54	200
HA05040	**5x37**	21	65	200
HA06050	**6x50**	25	80	150
HA08065	**8x60**	30	100	100
HA10075	**10x70**	37	117	50
HA12085	**12x85**	43	145	50

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BHAZ05040	**5x37**	4	15
BHAZ06050	**6x50**	4	15
BHAZ08065	**8x60**	2	15

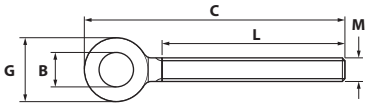


PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

HEMBRILLLA CERRADA ESTAMPADA CINCADA

FORGED EYE THREAD ZINC PLATED
PITON VIS À OEILLET FORGÉ EN ACIER ZINGUÉ
VERZINKTE GEPRESST-AUGENSCHRAUBE

ZN



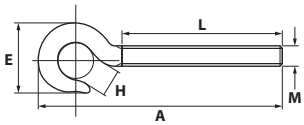
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	C m.m. (±1)	B m.m. (±1)	G m.m. (±1)	
HCE06050	**6x50**	73	10	19	150
HCE08065	**8x60**	87	11,8	22,5	100
HCE10081	**10x73**	108	14	28	50
HCE12098	**12x90**	130	16,5	33,5	50

HEMBRILLLA ABIERTA ESTAMPADA CINCADA

FORGED HOOK THREAD ZINC PLATED
PITON VIS À OEILLET OUVERT FORGÉ EN ACIER ZINGUÉ
VERZINKTE GEPRESST-RUNDHAKEN

ZN



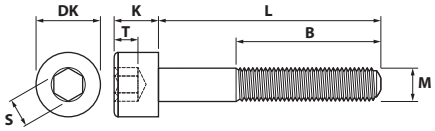
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	A m.m. (±1)	E m.m. (±1)	H m.m. (±1)	
HAE06050	**6x50**	77,5	21,5	7,5	150
HAE08065	**8x60**	98	28	9,5	100
HAE10081	**10x73**	116,5	34	12	50
HAE12098	**12x90**	148	42	16	50

TORNILLO DIN 912 8.8 / ISO 4762 CINCADO

CYLINDER HEAD HEXAGONAL RECESS SCREW DIN 912 8.8 - ZINC PLATED
VIS FILETAGE MÉTRIQUE TÊTE CYLINDRIQUE À SIX PANS CREUX DIN 912 8.8 - ZINGUÉ
ZYLINDERSCHRAUBE MIT INNENSECHSKANT DIN 912 8.8 - VERZINKT

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO / *Code / Code:* **9128Z**

UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M4**	**M5**	**M6**	**M8**	**M10**	**M12**	**M14**	**M16**	**M20**
8	500	500							
10	500	500	500	200					
12	500	500	500	200					
16	500	500	500	200	200				
20	500	500	500	200	200	100	100		
25	500	500	200	200	200	100	100		
30	500	500	200	200	200	100	100	50	25
35	500	200	200	200	100	100	100	50	
40	500	200	200	200	100	100	50	50	25
45	500	200	200	200	50	50	50	50	
50	500	200	200	200	50	50	50	50	25
60		200	200	200	50	50	50	50	25
65			200	200	50	50	50	25	
70			200	200	50	50	50	25	25
80			200	200	50	50	50	25	25
90				100	50	50	50	25	25
100				100	50	50	50	25	10
110				100	50	50	50		10
120				100	50	50	50		10
130					50	50			10
140					50	50			10
150					50	50			10
160					50	25			10
170									10
180									10
190									10
200									10
									MEDIDAS / *Measures / Mesures*
B *	20,0	22,0	24,0	28,0	32,0	36,0	40,0	44,0	52,0
T min.	2,0	2,5	3,0	4,0	5,0	6,0	7,0	8,0	10,0
S (Allen)	3	4	5	6	8	10	12	14	17
K max.	4,0	5,0	6,0	8,0	10,0	12,0	14,0	16,0	20,0
DK	7,0	8,5	10,0	13,0	16,0	18,0	21,0	24,0	30,0

* Longitud constante de la rosca siempre que L sea mayor que B / Constant thread length as long as L is greater than B / Longueur constante du filetage tant que L est supérieur à B

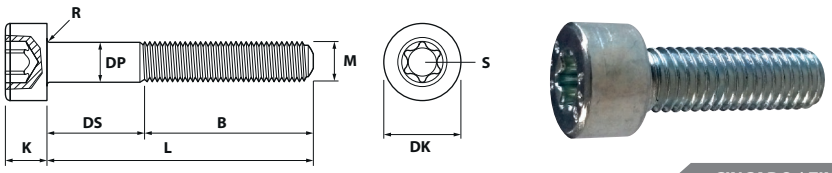
Sobre la línea divisoria: Longitud de rosca = **L**
Bajo la línea divisoria: Longitud de rosca = **B**

Above the dividing line: Thread length = L
Below the dividing line: Thread length = B

Au-dessus de la ligne de séparation: Longueur du filetage = L
Au-dessous de la ligne de séparation: Longueur du filetage = B

TORNILLO DIN 912 8.8 / ISO 14579 TX CINCADO

CYLINDER HEAD 6-LOBE RECESS SCREW DIN 912 8.8 - ZINC PLATED
VIS FILETAGE MÉTRIQUE TÊTE CYLINDRIQUE TX DIN 912 8.8 EN ACIER ZINGUÉ
ZYLINDERSCHRAUBE MIT INNENSECHSRUND DIN 912 8.8 - VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **9128TZ** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	**M6**	**M8**
16	500	200
20	500	200
25		200
30		200
		MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	1	1,25
DS max.	3	3,75
B	24	28
DK max.	10	13
DK min.	9,78	12,73
K max.	6	8
K min.	5,7	7,64
R	0,25	0,4
DP max.	6	8,00
DP min.	5,82	7,78
S (TX)	T-30	T-45

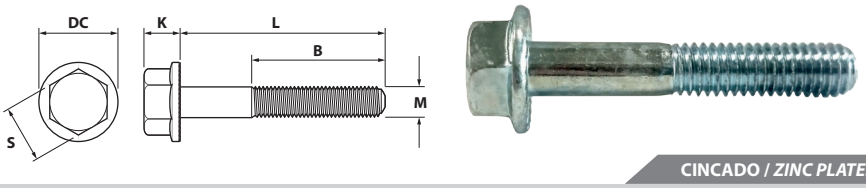
* Longitud constante de la rosca siempre que L sea mayor que B / Constant thread length as long as L is greater than B / Longueur constante du filetage tant que L est supérieur à B

Sobre la línea divisoria: Longitud de rosca = **L** — Above the dividing line: Thread length = L — Au-dessus de la ligne de séparation: Longueur du filetage = L

Bajo la línea divisoria: Longitud de rosca = **B** — Below the dividing line: Thread length = B — Au-dessous de la ligne de séparation: Longueur du filetage = B

TORNILLO CON VALONA DIN 6921 8.8 / ISO 8100 GRAFILADO CINCADO

HEXAGONAL FLANGED WASHER HEAD WITH SERRATION SCREW DIN 6921 8.8 ZINC PLATED
VIS TÊTE HEXAGONALE DIN 6921 8.8 EN ACIER ZINGUÉ
SECHSKANTSCHRAUBE MIT GERÄNDELTER UNTEREGSCHEIBE DIN 6921 8.8 VERZINKT



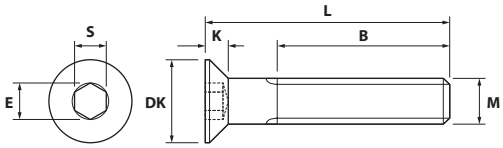
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **6921Z** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	**M6**	**M8**	**M10**	**M12**
10	500	200		
16	500	200		
20	500	200		
25	500	200	200	
30	200	200	200	100
35	200		100	100
40			100	100
50				100
				MEDIDAS / *Measures / Mesures*
B	18	22	26	30
K max.	6,6	8,1	9,2	11,5
S (Hexagonal)	10	13	15	16
DC	14,2	18	22,3	26,6

TORNILLO DIN 7991 10.9 / ISO 10642 CINCADO

HEXAGON SOCKET COUNTERSUNK HEAD SCREW 10.9 ZINC PLATED
VIS FILETAGE MÉTRIQUE DIN 7991 10.9 EN ACIER ZINGUÉ
SENKKOPFSCHRAUBE MIT INNENSECHSKANT DIN 7991 10.9 - VERZINKT



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

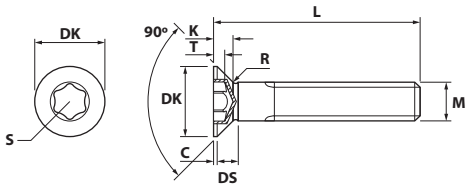
CÓDIGO / *Code / Code:* **79911Z**

UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M4**	**M5**	**M6**	**M8**	**M10**	**M12**
10	500	500	500	200		
12	500	500	500	200		
16	500	500	500	200		
20	500	500	500	200	200	100
25	500	500	500	200	200	100
30	500	500	500	200	200	100
35	500	200	200	200	200	100
40	500	200	200	200	100	100
45		200	200	200	100	100
50		200	200	200	100	100
60			200	200	100	100
70			200	200	100	50
80			200	100	100	50
90			200	100	100	50
100				100	100	50
						MEDIDAS / *Measures / Mesures*
DK	8,0	10,0	12,0	16,0	20,0	24,0
E	2,9	3,5	4,7	5,8	7,0	9,4
K	2,3	2,8	3,3	4,4	5,5	6,5
S (Allen)	2,5	3,0	4,0	5,0	6,0	8,0
B (L≤125)	14,0	16,0	18,0	22,0	26,0	30,0
B (L>125)	-	-	24,0	28,0	32,0	36,0

TORNILLO DIN 7991 8.8 / ISO 14581 TX CINCADO

COUNTERSUNK HEAD 6-LOBE RECESS SCREW DIN 7991 8.8 - ZINC PLATED
VIS FILETAGE MÉTRIQUE TÊTE FRAISÉE TX DIN 7991 8.8 EN ACIER ZINGUÉ
SENKKOPFSCHRAUBE MIT INNENSECHSRUND DIN 7991 8.8 - VERZINKT



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO / *Code / Code:* **79918TZ**

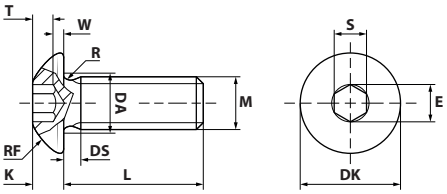
UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M5**	**M6**	**M8**
10	500	500	200
16	500	500	200
20	500	500	200
25	500	500	200
30		200	200
			MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,80	1,00	1,25
DS	5,20	6,30	8,20
DP max.	5,00	6,00	8,00
DP min.	4,82	5,82	7,78
DK max.	10,00	12,00	16,00
DK min.	9,64	11,57	15,57
K	2,80	3,30	4,40
R	0,20	0,30	0,50
S (TX)	T-25	T-30	T-40
T max.	1,70	1,85	2,50
T min.	1,30	1,40	2,00

TORNILLO ISO 7380-1 10.9 / DIN 34805-1 CINCADO

HEXAGON SOCKET PANHEAD SCREW ISO 7380 10.9 ZINC PLATED
VIS FILETAGE MÉTRIQUE TÊTE BOMBÉE À SIX PANS CREUX ISO 7380 10.9 EN ACIER ZINGUÉ
RUNDKOPFSCHRAUBE MIT INNENSECHSKANT ISO 7380 10.9 - VERZINKT

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7380Z**

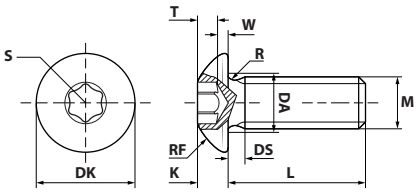
UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M4**	**M5**	**M6**	**M8**	**M10**
8	500	500	500		
10	500	500	500	200	
12	500	500	500	200	
16	500	500	500	200	200
20	500	500	500	200	200
25		500	500	200	200
30			500	200	200
35			200	200	100
40				200	100
45				200	100
50				200	100
60				200	100
					MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,70	0,80	1,00	1,25	1,50
DS max.	2,10	2,40	3,00	3,75	4,50
DA max.	4,70	5,70	6,80	9,20	11,20
DK max.	7,60	9,50	10,50	14,00	17,50
DK min.	7,24	9,14	10,07	13,57	17,07
E min.	2,87	3,44	4,58	5,72	6,86
K max.	2,20	2,75	3,30	4,40	5,50
K min.	1,95	2,50	3,00	4,10	5,20
R min.	0,40	0,45	0,50	0,70	0,70
RF max.	4,60	5,75	6,15	7,95	9,80
RF min.	4,20	5,25	5,65	7,45	9,20
S (Allen)	2,5	3	4	5	6
T max.	1,65	2,12	2,56	3,05	3,75
T min.	1,30	1,56	2,08	2,60	3,12
W min.	0,30	0,38	0,74	1,05	1,45

TORNILLO ISO 7380-1 / DIN 34805-1 TX CINCADO

6-LOBE RECESS PANHEAD SCREW ISO 7380 ZINC PLATED
VIS FILETAGE MÉTRIQUE TÊTE BOMBÉE TX ISO 7380 EN ACIER ZINGUÉ
RUNDKOPFSCHRAUBE MIT INNENSECHSRUND ISO 7380 - VERZINKT

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

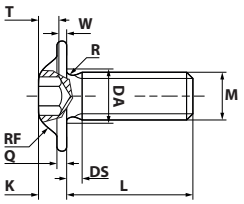
CÓDIGO / *Code / Code:* **7380TZ**

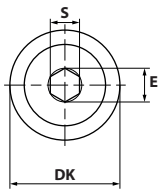
UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M5**	**M6**	**M8**
10	500	500	
16	500	500	200
20	500	500	200
25	500	500	200
30	500	200	200
			MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,80	1,00	1,25
DS max.	2,40	3,00	3,75
DA max.	5,70	6,80	9,20
DK max.	9,50	10,50	14,00
DK min.	9,14	10,07	13,57
K max.	2,75	3,30	4,40
K min.	2,50	3,00	4,10
R min.	0,45	0,50	0,70
RF max.	5,75	6,15	7,95
RF min.	5,25	5,65	7,45
S (TX)	T-25	T-30	T-40
T max.	1,90	2,10	2,50
T min.	1,50	1,60	2,00
W min.	0,38	0,74	1,05

TORNILLO CON VALONA ISO 7380-2 / DIN 34805-2 CINCADO

HEXAGON SOCKET PANHEAD WITH WASHER SCREW ISO 7380-2 ZINC PLATED
VIS FILETAGE MÉTRIQUE TÊTE BOMBÉE AVEC RONDELLE À SIX PANS CREUX ISO 7380-2 EN ACIER ZINGUÉ
RUNDKOPFSCHRAUBE MIT SCHEIBEN UND INNENSECHSKANT ISO 7380-2 - VERZINKT





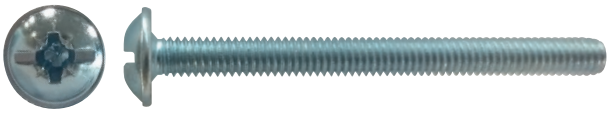
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

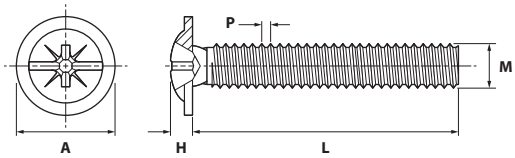
CÓDIGO / *Code / Code:* **7380AZ** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	**M5**	**M6**	**M8**
10	500	500	
16	500	500	200
20	500	500	200
25	500	500	200
30	500	200	200
			MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,80	1,00	1,25
Q max.	1,00	1,20	1,50
Q min.	0,80	1,00	1,25
DA max.	5,70	6,80	9,20
DS max.	2,40	3,00	3,75
DK max.	11,80	13,60	17,80
DK min.	11,10	12,90	17,10
K max.	2,75	3,30	4,40
K min.	2,50	3,00	4,10
R min.	0,45	0,50	0,70
RF max.	5,75	6,15	7,95
RF min.	5,25	5,65	7,45
E	3,44	4,58	5,72
S (Allen)	3	4	5
T max.	2,12	2,56	3,05
T min.	1,56	2,08	2,60
W min.	0,38	0,74	1,05

TORNILLO TIRADOR COMBI CINCADO

PZ COMBI RECESS PAN WASHER HEAD SCREW ZINC PLATED
VIS AVEC RONDELLE INTEGRÉE EMPREINTE PZ COMBI EN ACIER ZINGUÉ
LINSENKOPFSCHRAUBE VERZINKT MIT KREUZSCHLITZ PZ COMBI



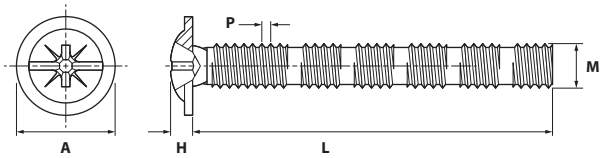


CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.	**A** m.m.	**H** m.m.	**PASO** *Pitch* **P** m.m.	**LLAVE** *Wrench / Clé* PZ	
TIRADOR412	**4x12**	9,5 - 10	1,9 - 2,3	~ 0,7	2	1.000
TIRADOR416	**4x16**	9,5 - 10	1,9 - 2,3	~ 0,7	2	1.000
TIRADOR420	**4x20**	9,5 - 10	1,9 - 2,3	~ 0,7	2	1.000
TIRADOR425	**4x25**	9,5 - 10	1,9 - 2,3	~ 0,7	2	1.000
TIRADOR430	**4x30**	9,5 - 10	1,9 - 2,3	~ 0,7	2	1.000
TIRADOR435	**4x35**	9,5 - 10	1,9 - 2,3	~ 0,7	2	1.000
TIRADOR440	**4x40**	9,5 - 10	1,9 - 2,3	~ 0,7	2	1.000
TIRADOR445	**4x45**	9,5 - 10	1,9 - 2,3	~ 0,7	2	1.000

TORNILLO TIRADOR CORTABLE COMBI CINCADO

PZ COMBI RECESS BRAKE-OFF PAN WASHER HEAD SCREW ZINC PLATED
VIS AVEC RONDELLE INTEGRÉE PZ COMBI EN ACIER ZINGUÉ
LINSENKOPFSCHRAUBE VERZINKT UND KREUZSCHLITZ PZ COMBI



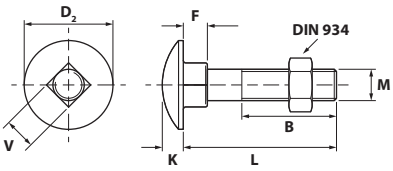
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.	**A** m.m.	**H** m.m.	**PASO** *Pitch* **P** m.m.	**LLAVE** *Wrench / Clé* PZ	
TTC445	**4x45**	9,25 - 9,75	2,24 - 2,59	~ 0,7	2	500

TORNILLO DIN 603 / ISO 8677 + TUERCA DIN 934 / ISO 4032 CINCADO

MUSHROOM HEAD SQUARE NECK BOLT DIN 603 WITH NUT DIN 934 - ZINC PLATED
BOULON TÊTE BOMBÉE TIGE À COLLET CARRÉ DIN 603 AVEC ECROU DIN 934 EN ACIER ZINGUÉ
FLACHRUNDKOPF-BOLZENSCHAFT MIT VIERKANT DIN 603 UND MUTTER DIN 934 - VERZINKT

ZN



CAJA / *BOX / BOÎTE*

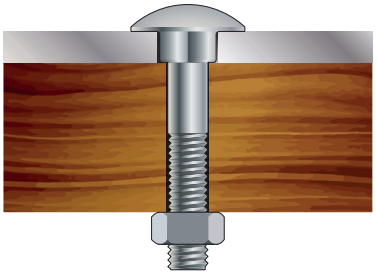
CINCADO / *ZINC PLATED*

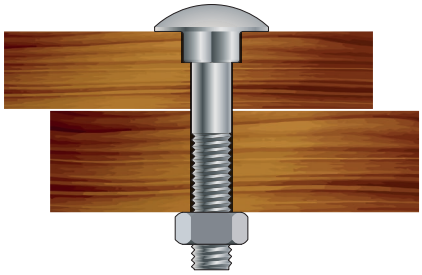
CÓDIGO / *Code / Code:* **6034Z**

UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M5**	**M6**	**M7**	**M8**	**M10**	**M12**
16	500	200		200		
20	500	200		200	100	
25	500	200		200	100	
30	500	200		200	100	50
35	200	200		200	100	50
40	200	200	100	100	100	50
45	200	200	100	100	100	50
50	200	200	100	100	100	50
60	200	100	100	100	100	50
70	200	100	100	100	100	50
80		100	100	100	50	50
90		100	100	100	50	50
100		100	100	100	50	50
110		100		50	50	25
120		100		50	50	25
130		100		50	25	25
140				50	25	25
150				50	25	25
160				50	25	25
170				50	25	25
180				25	25	25
190				25	25	25
200				25	25	25
220					25	25
240					25	25
260					25	10
280					25	10
300					25	10
						MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,8	1	1	1,25	1,5	1,75
D_2 max.	13,55	16,55	18,55	20,65	24,65	30,65
K max.	3,3	3,88	4,8	4,88	5,38	6,95
F max.	4,1	4,6	5,1	5,6	6,6	8,75
V	5	6	7	8	10	12
B ≤ 125	16	18	20	22	26	30
B ≤200	-	-	26	28	32	36
B > 200	-	-	-	41	45	49

INSTALACIÓN / ***INSTALLATION***

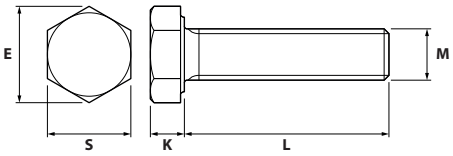


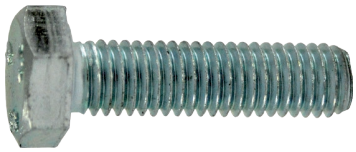


TORNILLO DIN 933 8.8 / ISO 4017 CINCADO

HEXAGONAL HEAD SCREW DIN 933 8.8 GRADE - ZINC PLATED
VIS TÊTE HEXAGONALE DIN 933 CLASSE 8.8 EN ACIER ZINGUÉ
SECHSKANTSCHRAUBE DIN 933 KLASSE 8.8 - VERZINKT

ZN





CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **9338Z** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	**M4**	**M5**	**M6**	**M8**	**M10***	**M12***	**M14***	**M16**	**M18**	**M20**
10	500	500	500	200						
12	500	500	500	200						
16	500	500	500	200	200					
20	500	500	500	200	200	100				
25	500	500	500	200	200	100	100			
30	500	500	500	200	100	100	100	50	50	
35	500	500	200	200	100	100	100	50	25	25
40	500	500	200	200	100	100	50	50	25	25
45	500	500	200	200	100	100	50	50	25	25
50	500	500	200	200	100	50	50	50	25	25
55	500	500	200	100	100	50	50	25	25	25
60	200	200	200	100	100	50	50	25	25	10
65			200	100	50	50	25	25	25	10
70			200	100	50	50	25	25	25	10
80			200	100	50	50	25	25	25	10
90			100	100	50	50	25	25	25	10
100			100	100	50	50	25	25	25	10
110				50	50	50		25	25	10
120				50	50	50		25	20	10
130				50	50	50		25	20	10
140				50	50	25		25	20	10
150				50	50	25		20	20	10
160								20	20	10
170								20	10	10
180								20	10	10
190								20	10	10
200								20	10	5
									MEDIDAS / *Measures / Mesures*	
K	2,8	3,5	4	5,3	6,4	7,5	8,8	10	11,5	12,5
E	7,66	8,79	11,05	14,38	18,9	21,1	24,49	26,75	30,14	33,53
S (Hexagonal)	7	8	10	13	17/16*	19/18*	22/21*	24	27	30
Paso / *Pitch*	0,7	0,8	1	1,25	1,5	1,75	2	2	2,5	2,5

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO / Messungen nach ISO-Norm **DIN/ISO**

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF933Z06016	**6x16**	50	12
BF933Z06020	**6x20**	50	12
BF933Z06025	**6x25**	45	12
BF933Z06030	**6x30**	40	12
BF933Z06040	**6x40**	30	12
BF933Z06050	**6x50**	20	12
BF933Z06060	**6x60**	15	12
BF933Z08016	**8x16**	40	12
BF933Z08020	**8x20**	35	12
BF933Z08025	**8x25**	30	12
BF933Z08030	**8x30**	25	12
BF933Z08040	**8x40**	20	12
BF933Z08050	**8x50**	15	12
BF933Z08060	**8x60**	15	12
BF933Z08070	**8x70**	10	12

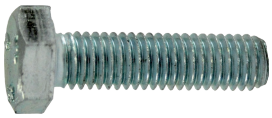
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF933Z08080	**8x80**	10	12
BF933Z10020	**10x20**	15	12
BF933Z10025	**10x25**	15	12
BF933Z10030	**10x30**	15	12
BF933Z10035	**10x35**	15	12
BF933Z10040	**10x40**	10	12
BF933Z10050	**10x50**	10	12
BF933Z10060	**10x60**	10	12
BF933Z10070	**10x70**	6	12
BF933Z10080	**10x80**	4	12
BF933Z10090	**10x90**	2	12
BF933Z10100	**10x100**	2	12
BF933Z12030	**12x30**	10	12
BF933Z12040	**12x40**	8	12
BF933Z12050	**12x50**	6	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 933 8.8 / ISO 4017 CINCADO

HEXAGONAL HEAD SCREW DIN 933 8.8 GRADE - ZINC PLATED
VIS TÊTE HEXAGONALE DIN 933 CLASSE 8.8 EN ACIER ZINGUÉ
SECHSKANTSCHRAUBE DIN 933 KLASSE 8.8 - VERZINKT



BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
B933Z03010	**3x10**	10	20
B933Z03016	**3x16**	10	20
B933Z03020	**3x20**	10	20
B933Z04016	**4x16**	6	20
B933Z04020	**4x20**	6	20
B933Z04025	**4x25**	6	20
B933Z04030	**4x30**	6	20
B933Z04040	**4x40**	6	20
B933Z05010	**5x10**	6	20
B933Z05016	**5x16**	6	20
B933Z05020	**5x20**	6	20
B933Z05025	**5x25**	6	20
B933Z05030	**5x30**	6	20
B933Z05040	**5x40**	6	20
B933Z05050	**5x50**	6	20

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
B933Z06010	**6x10**	6	20
B933Z06016	**6x16**	6	20
B933Z06020	**6x20**	6	20
B933Z06025	**6x25**	6	20
B933Z06030	**6x30**	6	20
B933Z06040	**6x40**	6	20
B933Z06050	**6x50**	6	20
B933Z06060	**6x60**	4	20
B933Z08016	**8x16**	4	20
B933Z08020	**8x20**	4	20
B933Z08025	**8x25**	4	20
B933Z08030	**8x30**	4	20
B933Z08040	**8x40**	4	20
B933Z08050	**8x50**	4	20
B933Z08060	**8x60**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 933 8.8 CINCADO + TUERCA DIN 934 Y ARANDELA DIN 125

ZINC PLATED SCREW DIN 933 WITH NUT & WASHER
VIS DIN 933 AVEC ÉCROU ET RONDELLE EN ACIER ZINGUÉ
SECHSKANTSCHRAUBE DIN 933 MIT MUTTER UND SCHEIBEN - VERZINKT

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BH933Z03010	**3x10**	12	12
BH933Z03016	**3x16**	12	12
BH933Z03020	**3x20**	12	12
BH933Z04016	**4x16**	12	12
BH933Z04020	**4x20**	12	12
BH933Z04025	**4x25**	10	12
BH933Z05010	**5x10**	10	12
BH933Z05016	**5x16**	10	12
BH933Z05020	**5x20**	10	12
BH933Z05025	**5x25**	10	12
BH933Z05030	**5x30**	8	12
BH933Z05040	**5x40**	8	12
BH933Z06010	**6x10**	10	12
BH933Z06016	**6x16**	10	12
BH933Z06020	**6x20**	10	12
BH933Z06025	**6x25**	10	12
BH933Z06030	**6x30**	10	12
BH933Z06040	**6x40**	8	12
BH933Z06050	**6x50**	8	12

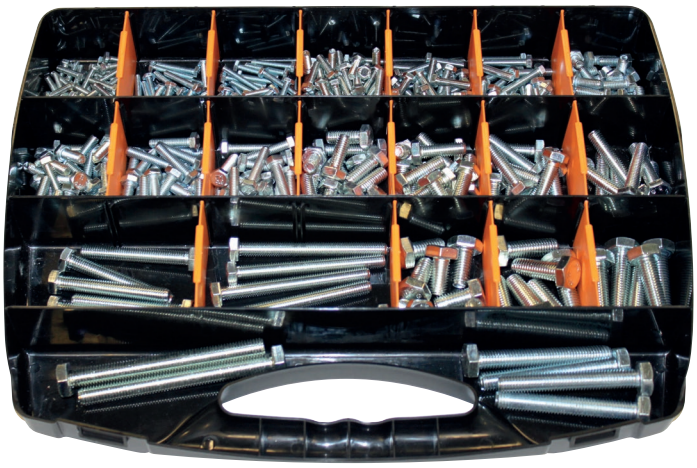
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BH933Z06060	**6x60**	8	12
BH933Z06070	**6x70**	6	12
BH933Z08016	**8x16**	10	12
BH933Z08020	**8x20**	8	12
BH933Z08025	**8x25**	8	12
BH933Z08030	**8x30**	8	12
BH933Z08040	**8x40**	6	12
BH933Z08050	**8x50**	6	12
BH933Z08060	**8x60**	6	12
BH933Z08070	**8x70**	4	12
BH933Z08080	**8x80**	4	12
BH933Z10030	**10x30**	6	12
BH933Z10040	**10x40**	4	12
BH933Z10050	**10x50**	4	12
BH933Z10060	**10x60**	4	12
BH933Z10070	**10x70**	4	12
BH933Z10080	**10x80**	2	12
BH933Z10090	**10x90**	2	12
BH933Z10100	**10x100**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN TORNILLOS DIN 933 / ISO 4017 CINCADOS

ZINC PLATED HEXAGONAL HEAD SCREW DIN 933 BRIEFCASE
MALLETTE AVEC VIS TÊTE HEXAGONALE DIN 933 EN ACIER ZINGUÉ
HANDKOFFER AUS SECHSKANTSCHRAUBE DIN 933 VERZINKT



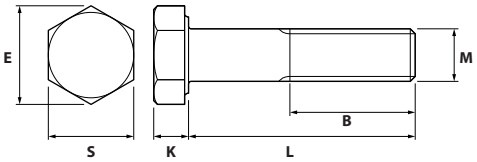
MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M933Z**

MEDIDA *Measure / Mesure* MxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
4x16	50	**8x25**	15
4x20	30	**8x30**	10
4x25	25	**8x40**	8
5x16	40	**8x60**	6
5x20	30	**8x80**	5
5x25	25	**10x20**	8
6x16	30	**10x30**	6
6x20	30	**10x40**	5
6x25	25	**10x70**	4
6x30	20	**10x100**	2
8x20	15		

TORNILLO DIN 931 8.8 / ISO 4014 CINCADO

HEXAGONAL HEAD SCREW DIN 931 8.8 GRADE - ZINC PLATED
VIS TÊTE HEXAGONALE DIN 931 CLASSE 8.8 EN ACIER ZINGUÉ
SECHSKANTSCHRAUBE DIN 931 KLASSE 8.8 - VERZINKT



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO / *Code / Code:* **9318Z**

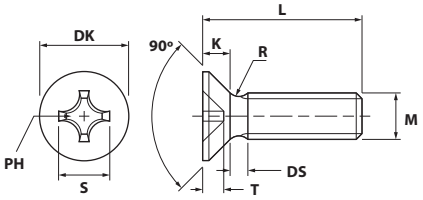
UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	M6	M8	M10*	M12*	M14*	M16	M18	M20
30	500							
35	200	200	100					
40	200	200	100	100				
45	200	200	100	100				
50	200	200	100	50	50	25		
55	200	200	100	50	50	25		
60	200	100	100	50	50	25		
65	200	100	50	50	50	25		
70	200	100	50	50	50	25	25	25
80	100	100	50	50	50	25	25	25
90	100	100	50	50	25	25	25	10
100	100	100	50	50	25	25	25	10
110			50	50	25	25	20	10
120		50	50	50	25	25	20	10
130			50	50	25	25	20	10
140		50	50	25	25	25	15	10
150			50	25	25	25	15	10
160						25		10
170						25		10
180						25		10
190						25		10
200						25		5
MEDIDAS / *Measures / Mesures*								
K	4	5,3	6,4	7,5	8,8	10	11,5	12,5
E	11,05	14,38	18,9	21,1	24,49	26,75	30,14	33,53
S (Hexagonal)	10	13	17/16*	19/18*	22/21*	24	27	30
Paso / *Pitch*	1	1,25	1,5	1,75	2	2	2,5	2,5
B (L≤125)	18	22	26	30	34	38	42	46
B (125<L≤200)	24	28	32	36	40	44	48	52
B (L>200)	-	-	45	49	53	57	61	65

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO / Messungen nach ISO-Norm **DIN/ISO**

TORNILLO DIN 965 / ISO 7046 CINCADO

SCREW DIN 965 ZINC PLATED
VIS FILETAGE MÉTRIQUE DIN 965 EN ACIER ZINGUÉ
ZYLINDERKOPFSCHRAUBE DIN 965 VERZINKT



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO / *Code / Code:* **965Z**

UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M3**	**M4**	**M5**	**M6**
6	1.000	1.000	1.000	
8	1.000	1.000	1.000	
10	1.000	1.000	500	500
12	1.000	1.000	500	500
16	1.000	1.000	500	500
20	1.000	1.000	500	500
25	1.000	500	500	500
30		500	500	500
35		500	200	200
40		500	200	200
45		500	200	200
50		500	200	200
				MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,50	0,70	0,80	1,00
DS max.	1,00	1,40	1,60	2,00
B	19	22	25	28
DK max.	5,60	7,50	9,20	11,00
DK min.	5,30	7,14	8,84	10,57
K max.	1,65	2,20	2,50	3,00
R max.	0,80	1,00	1,30	1,60
S ≈	2,90	4,40	4,60	6,60
T max.	1,80	2,40	2,60	3,30
PH (Phillips)	1	2	2	3

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF965Z306	**3x6**	200	12
BF965Z310	**3x10**	200	12
BF965Z408	**4x8**	100	12
BF965Z410	**4x10**	100	12
BF965Z416	**4x16**	100	12
BF965Z420	**4x20**	100	12
BF965Z425	**4x25**	100	12
BF965Z430	**4x30**	100	12
BF965Z510	**5x10**	70	12
BF965Z516	**5x16**	70	12
BF965Z520	**5x20**	70	12
BF965Z530	**5x30**	50	12
BF965Z540	**5x40**	50	12
BF965Z610	**6x10**	70	12
BF965Z616	**6x16**	70	12
BF965Z620	**6x20**	70	12
BF965Z630	**6x30**	50	12

BLISTER / *BLISTER / BLISTER*

CINCADO / *ZINC PLATED*

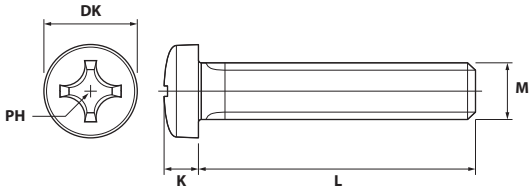
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
B965Z306	**3x10**	10	20
B965Z310	**3x16**	10	20
B965Z408	**3x20**	10	20
B965Z410	**4x10**	6	20
B965Z416	**4x16**	6	20
B965Z420	**4x20**	6	20
B965Z425	**4x25**	6	20
B965Z430	**4x30**	6	20
B965Z510	**5x10**	6	20
B965Z516	**5x16**	6	20
B965Z520	**5x20**	6	20
B965Z530	**5x25**	6	20
B965Z540	**5x30**	6	20
B965Z610	**6x20**	6	20
B965Z616	**6x25**	6	20
B965Z620	**6x30**	6	20
B965Z630	**6x40**	6	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 7985 / ISO 7045 CINCADO

SCREW DIN 7985 ZINC PLATED
VIS FILETAGE MÉTRIQUE DIN 7985 EN ACIER ZINGUÉ
ZYLINDERKOPFSCHRAUBE DIN 7985 VERZINKT

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7985Z** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	**M3**	**M4**	**M5**	**M6**
6	1.000	1.000	1.000	
8	1.000	1.000	1.000	
10	1.000	1.000	500	500
12	1.000	1.000	500	500
16	1.000	1.000	500	500
20	1.000	1.000	500	500
25	1.000	500	500	200
30	1.000	500	200	200
35			200	200
40			200	200
45			200	200
50			200	200
				MEDIDAS / *Measures / Mesures*
DK max.	6	8	10	12
K	2,4	3,1	3,8	4,6
PH (Phillips)	1	2	2	3

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF7985Z310	**3x10**	150	12
BF7985Z406	**4x6**	100	12
BF7985Z410	**4x10**	100	12
BF7985Z416	**4x16**	100	12
BF7985Z420	**4x20**	100	12
BF7985Z510	**5x10**	100	12
BF7985Z516	**5x16**	100	12
BF7985Z520	**5x20**	100	12
BF7985Z525	**5x25**	100	12
BF7985Z530	**5x30**	100	12
BF7985Z610	**6x10**	100	12
BF7985Z616	**6x16**	100	12
BF7985Z620	**6x20**	100	12
BF7985Z625	**6x25**	75	12
BF7985Z630	**6x30**	75	12
BF7985Z640	**6x40**	50	12
BF7985Z650	**6x50**	50	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

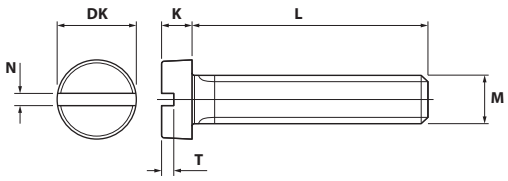
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
B7985Z310	**3x10**	10	20
B7985Z316	**3x16**	10	20
B7985Z320	**3x20**	10	20
B7985Z410	**4x10**	6	20
B7985Z416	**4x16**	6	20
B7985Z420	**4x20**	6	20
B7985Z425	**4x25**	6	20
B7985Z430	**4x30**	6	20
B7985Z440	**4x40**	6	20
B7985Z510	**5x10**	6	20
B7985Z516	**5x16**	6	20
B7985Z520	**5x20**	6	20
B7985Z525	**5x25**	6	20
B7985Z530	**5x30**	6	20
B7985Z540	**5x40**	6	20
B7985Z610	**6x10**	6	20
B7985Z616	**6x16**	6	20
B7985Z620	**6x20**	6	20
B7985Z625	**6x25**	6	20
B7985Z630	**6x30**	6	20
B7985Z640	**6x40**	6	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 84 / ISO 1207 CINCADO

SCREW DIN 84 ZINC PLATED
VIS FILETAGE MÉTRIQUE DIN 84 EN ACIER ZINGUÉ
ZYLINDERKOPFSCHRAUBE DIN 84 VERZINKT

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **84Z** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	**M3**	**M4**	**M5**	**M6**	**M8**
6	1.000	1.000	1.000		
8	1.000	1.000	1.000	500	
10	1.000	1.000	1.000	500	500
12	1.000	1.000	500	500	500
16	1.000	1.000	500	500	200
20	1.000	1.000	500	500	200
25	1.000	500	500	200	200
30	1.000	500	200	200	200
35	1.000	500	200	200	200
40	1.000	500	200	200	200
45	1.000	500	200	200	200
50	1.000	500	200	200	100
60		200	200	200	100
					MEDIDAS / *Measures / Mesures*
T min.	0,85	1,1	1,3	1,6	2,0
N	0,8	1,2	1,2	1,6	2,0
K	2,0	2,6	3,3	3,9	5,0
DK	5,5	7,0	8,5	10,0	13,0

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF84Z306	**3x6**	200	12
BF84Z310	**3x10**	200	12
BF84Z408	**4x8**	100	12
BF84Z410	**4x10**	100	12
BF84Z416	**4x16**	100	12
BF84Z420	**4x20**	100	12
BF84Z425	**4x25**	100	12
BF84Z430	**4x30**	100	12
BF84Z510	**5x10**	70	12
BF84Z516	**5x16**	70	12
BF84Z520	**5x20**	70	12
BF84Z525	**5x25**	50	12
BF84Z530	**5x30**	50	12
BF84Z540	**5x40**	50	12
BF84Z610	**6x10**	100	12
BF84Z616	**6x16**	100	12
BF84Z620	**6x20**	100	12
BF84Z625	**6x25**	75	12
BF84Z630	**6x30**	75	12
BF84Z640	**6x40**	50	12
BF84Z650	**6x50**	50	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
B84Z310	**3x10**	10	20
B84Z316	**3x16**	10	20
B84Z320	**3x20**	10	20
B84Z410	**4x10**	6	20
B84Z416	**4x16**	6	20
B84Z420	**4x20**	6	20
B84Z425	**4x25**	6	20
B84Z510	**5x10**	6	20
B84Z516	**5x16**	6	20
B84Z520	**5x20**	6	20
B84Z525	**5x25**	6	20
B84Z530	**5x30**	6	20
B84Z540	**5x40**	6	20
B84Z610	**6x10**	6	20
B84Z616	**6x16**	6	20
B84Z620	**6x20**	6	20
B84Z625	**6x25**	6	20
B84Z630	**6x30**	6	20
B84Z640	**6x40**	6	20
B84Z650	**6x50**	6	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 84 CINCADO + DIN TUERCA DIN 934 Y ARANDELA DIN 125

ZINC PLATED SCREW DIN 84 WITH NUT & WASHER
VIS DIN 84 AVEC ÉCROU ET RONDELLE EN ACIER ZINGUÉ
SECHSKANTSCHRAUBE DIN 84 MIT MUTTER UND SCHEIBEN

ZN

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BH84Z0310	**3x10**	12	12
BH84Z0316	**3x16**	12	12
BH84Z0320	**3x20**	12	12
BH84Z0325	**3x25**	10	12
BH84Z0330	**3x30**	10	12
BH84Z0340	**3x40**	8	12
BH84Z0410	**4x10**	12	12
BH84Z0416	**4x16**	12	12
BH84Z0420	**4x20**	10	12
BH84Z0425	**4x25**	10	12
BH84Z0430	**4x30**	10	12
BH84Z0440	**4x40**	8	12
BH84Z0510	**5x10**	10	12
BH84Z0516	**5x16**	10	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

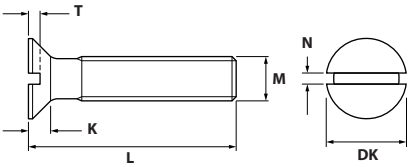
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BH84Z0520	**5x20**	10	12
BH84Z0525	**5x25**	10	12
BH84Z0530	**5x30**	8	12
BH84Z0540	**5x40**	8	12
BH84Z0610	**6x10**	10	12
BH84Z0616	**6x16**	10	12
BH84Z0620	**6x20**	10	12
BH84Z0625	**6x25**	10	12
BH84Z0630	**6x30**	10	12
BH84Z0640	**6x40**	8	12
BH84Z0650	**6x50**	8	12
BH84Z0660	**6x60**	8	12
BH84Z0670	**6x70**	6	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 963 CINCADO + TUERCA DIN 934 Y ARANDELA DIN 125

ZINC PLATED SCREW DIN 963 WITH NUT & WASHER
VIS FILETAGE MÉTRIQUE DIN 963 AVEC ÉCROU ET RONDELLE EN ACIER ZINGUÉ
SENKKOPFSCHRAUBE DIN 963 MIT MUTTER UND SCHEIBEN - VERZINKT

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **963Z** — **MEDIDAS** / *Measures / Mesures (mm)*

M	M3	M4	M5	M6
Paso / *Pitch*	0,50	0,70	0,80	1,00
T min.	0,60	0,80	1,00	1,20
N	0,80	1,00	1,20	1,60
K	1,65	2,20	2,50	3,00
DK	5,6	7,5	9,2	11,0

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BH963Z310	**3x10**	12	12
BH963Z316	**3x16**	12	12
BH963Z320	**3x20**	12	12
BH963Z325	**3x25**	10	12
BH963Z330	**3x30**	10	12
BH963Z410	**4x10**	12	12
BH963Z416	**4x16**	12	12
BH963Z420	**4x20**	10	12
BH963Z425	**4x25**	10	12
BH963Z430	**4x30**	10	12
BH963Z440	**4x40**	8	12
BH963Z450	**4x50**	8	12
BH963Z510	**5x10**	10	12
BH963Z516	**5x16**	10	12

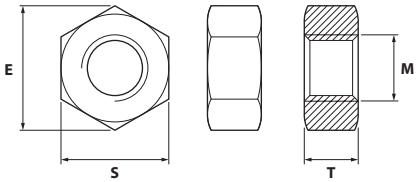
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BH963Z520	**5x20**	10	12
BH963Z525	**5x25**	10	12
BH963Z530	**5x30**	8	12
BH963Z540	**5x40**	8	12
BH963Z610	**6x10**	10	12
BH963Z616	**6x16**	10	12
BH963Z620	**6x20**	10	12
BH963Z625	**6x25**	10	12
BH963Z630	**6x30**	10	12
BH963Z640	**6x40**	10	12
BH963Z650	**6x50**	8	12
BH963Z660	**6x60**	8	12
BH963Z670	**6x70**	6	12
BH963Z680	**6x80**	6	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TUERCA DIN 934 |8| / ISO 4032 PAVONADA

NUT DIN 934 |8|
ÉCROU DIN 934 |8|
MUTTERN DIN 934 |8|



CAJA / *BOX / BOÎTE*

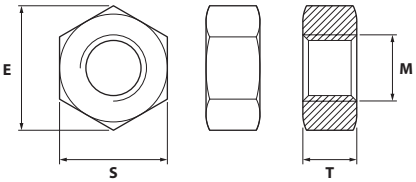
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	S m.m.	E m.m.	T m.m.	
934P04	**M4**	7	7,66	3,2	1.000
934P05	**M5**	8	8,79	4,0	1.000
934P06	**M6**	10	11,05	5,0	500
934P08	**M8**	13	14,38	6,5	500
934P10	**M10***	17/16*	18,90	8,0	500
934P12	**M12***	19/18*	21,10	10,0	200
934P14	**M14***	22/21*	24,49	11,0	200
934P16	**M16**	24	26,75	13,0	100
934P18	**M18**	27	29,56	15,0	100
934P20	**M20**	30	32,95	16,0	50
934P22	**M22***	32/34*	35,03	18,0	50
934P24	**M24**	36	39,55	19,0	50
934P27	**M27**	41	45,20	22,0	25
934P30	**M30**	46	50,85	24,0	25

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO
Messungen nach ISO-Norm
DIN/ISO

TUERCA DIN 934 |8| / ISO 4032 CINCADA

ZINC PLATED NUT DIN 934 |8|
ÉCROU DIN 934 |8| EN ACIER ZINGUÉ
MUTTERN VERZINKT DIN 934 |8|

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

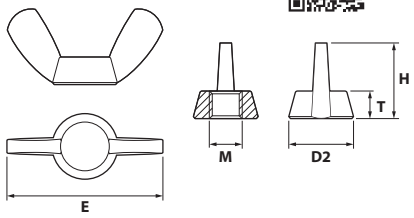
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	S m.m.	E m.m.	T m.m.	
934Z03	**M3**	5,5	6,01	2,4	1.000
934Z04	**M4**	7	7,66	3,2	1.000
934Z05	**M5**	8	8,79	4,0	1.000
934Z06	**M6**	10	11,05	5,0	500
934Z08	**M8**	13	14,38	6,5	500
934Z10	**M10***	17/16*	18,90	8,0	500
934Z12	**M12***	19/18*	21,10	10,0	200
934Z14	**M14***	22/21*	24,49	11,0	200
934Z16	**M16**	24	26,75	13,0	100
934Z18	**M18**	27	29,56	15,0	100
934Z20	**M20**	30	32,95	16,0	50
934Z22	**M22***	32/34*	35,03	18,0	50
934Z24	**M24**	36	39,55	19,0	50
934Z27	**M27**	41	45,20	22,0	25
934Z30	**M30**	46	50,85	24,0	25
934Z33	**M33**	50	55,37	26,0	10
934Z36	**M36**	55	60,79	29,0	5
934Z39	**M39**	60	66,44	31,0	5

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO
Messungen nach ISO-Norm
DIN/ISO

TUERCA PALOMILLA DIN 315 CINCADA

ZINC PLATED WING NUT DIN 315
ECROUS A OREILLES DIN 315 EN ACIER ZINGUÉ
FLÜGELMUTTERN DIN 315 VERZINKT

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	E m.m.	D2 m.m.	H m.m.	T m.m.	
315Z03	**M3**	17,6	7,8	8,6	2,9	500
315Z04	**M4**	17,6	7,8	8,6	2,9	500
315Z05	**M5**	22,0	9,5	10,5	4,0	200
315Z06	**M6**	27,0	11,9	13,0	5,0	200
315Z08	**M8**	30,3	13,5	14,8	5,4	100
315Z10	**M10**	35,5	15,3	17,3	6,3	100
315Z12	**M12**	47,5	20,5	22,1	8,0	50
315Z14	**M14**	66,0	25,5	30,8	10,6	50
315Z16	**M16**	66,0	25,5	30,8	10,6	25

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
B934Z03	**M3**	40	20
B934Z04	**M4**	40	20
B934Z05	**M5**	20	20
B934Z06	**M6**	20	20
B934Z08	**M8**	10	20
B934Z10	**M10**	10	20
B934Z12	**M12**	6	20

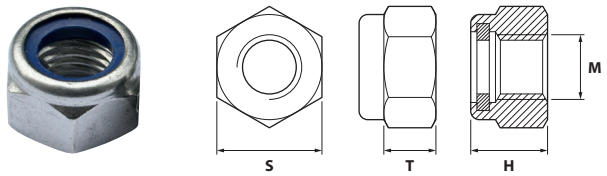
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BF934Z04	**M4**	200	12
BF934Z05	**M5**	150	12
BF934Z06	**M6**	100	12
BF934Z08	**M8**	80	12
BF934Z10	**M10**	30	12
BF934Z12	**M12**	20	12

TUERCA AUTOBLOCANTE DIN 985 |8| / ISO 10511 CINCADA

ZINC PLATED HEXAGON LOCKNUTS WITH NYLON INSERT DIN 985|8|
ECROUS HEXAGONAUX INDESSERABLES DIN 985 |8| EN ACIER ZINGUÉ
SICHERUNGSMUTTERN MIT KLEMMTEIL VERZINKT DIN 985 |8|

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	S m.m.	T min. m.m.	H max. m.m.	
985Z03	**M3**	5,5	2,4	4,0	1.000
985Z04	**M4**	7	2,9	5,0	1.000
985Z05	**M5**	8	3,2	5,0	1.000
985Z06	**M6**	10	4,0	6,0	500
985Z08	**M8**	13	5,5	8,0	500
985Z10	**M10***	17/16*	6,5	10,0	500
985Z12	**M12***	19/18*	8,0	12,0	200
985Z14	**M14***	22/21*	9,5	14,0	200
985Z16	**M16**	24	10,5	16,0	50
985Z18	**M18**	27	13,0	18,5	50
985Z20	**M20**	30	14,0	20,0	50
985Z22	**M22***	32/34*	15,0	22,0	50
985Z24	**M24**	36	15,0	24,0	50
985Z27	**M27**	41	17,0	27,0	25
985Z30	**M30**	46	19,0	30,0	10
985Z33	**M33**	50	22,0	33,0	10
985Z36	**M36**	55	25,0	36,0	5
985Z39	**M39**	60	27,0	39,0	5

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO
Messungen nach ISO-Norm
DIN/ISO

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
B985Z03	**M3**	20	20
B985Z04	**M4**	20	20
B985Z05	**M5**	20	20
B985Z06	**M6**	10	20
B985Z08	**M8**	5	20
B985Z10	**M10**	5	20
B985Z12	**M12**	3	20

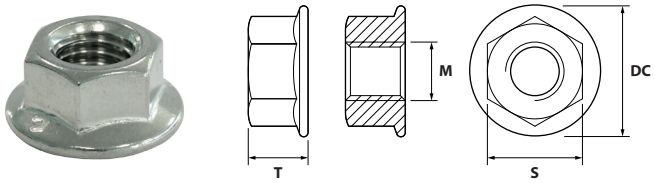
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BF985Z04	**M4**	100	12
BF985Z05	**M5**	100	12
BF985Z06	**M6**	100	12
BF985Z08	**M8**	80	12
BF985Z10	**M10**	25	12
BF985Z12	**M12**	15	12

TUERCA CON VALONA DIN 6923 |8| / ISO 4161 CINCADA

ZINC PLATED HEXAGON FLANGE NUTS WITH SERRATION DIN 6923 |8|
ÉCROU À EMBASE CRANTÉE DIN 6923 |8| EN ACIER ZINGUÉ
SECHSKANTMUTTERN MIT ZACKIGER FLANSCH VERZINKT DIN 6923 |8|

ZN



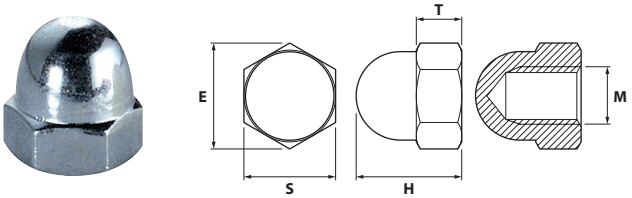
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	S m.m.	DC max. m.m.	T max. m.m.	
6923Z04	**M4**	7	10	4,65	1.000
6923Z05	**M5**	8	11,8	5	1.000
6923Z06	**M6**	10	14,2	6	500
6923Z08	**M8**	13	17,9	8	500
6923Z10	**M10**	15	21,8	10	200
6923Z12	**M12**	18	26	12	100
6923Z16	**M16**	24	34,5	16	50

TUERCA CIEGA DIN 1587 CINCADA

ZINC PLATED HEXAGON CAP NUTS DIN 1587
ÉCROU BORGNE DIN 1587 EN ACIER ZINGUÉ
SECHSKANT HUTMUTTERN VERZINKT DIN 1587

ZN



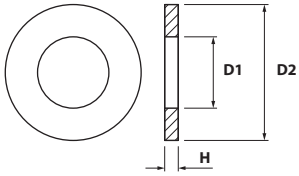
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure* M m.m.	S m.m.	E m.m.	M_K max. m.m.	T max. m.m.	H m.m.	
1587Z04	**M4**	7	7,66	6,5	3,2	8,0	1.000
1587Z05	**M5**	8	8,79	7,5	4,0	10,0	500
1587Z06	**M6**	10	11,05	9,5	5,0	12,0	500
1587Z08	**M8**	13	14,38	12,5	6,5	15,0	200
1587Z10	**M10**	17	18,90	16	8,0	18,0	200
1587Z12	**M12**	19	21,10	18	10,0	22,0	100
1587Z14	**M14**	22	24,49	21	11,0	25,0	100
1587Z16	**M16**	24	26,75	23	13,0	28,0	50

ARANDELA PLANA DIN 125-A / ISO 7089 CINCADA

ZINC PLATED PLAIN STAMPED WASHERS DIN 125-A
RONDELLES PLATES DECOUPEES DIN 125-A EN ACIER ZINGUÉ
UNTERLEGSCHEIBEN VERZINKT DIN 125-A

ZN



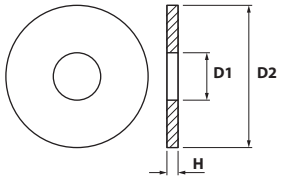
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	D1 m.m.	D2 m.m.	H m.m.	
125Z03	**M3**	3,2	7,0	0,5	5.000
125Z04	**M4**	4,3	9,0	0,8	3.000
125Z05	**M5**	5,3	10,0	1,0	2.000
125Z06	**M6**	6,4	12,0	1,6	1.000
125Z08	**M8**	8,4	16,0	1,6	500
125Z10	**M10**	10,5	20,0	2,0	200
125Z12	**M12**	13	24,0	2,5	200
125Z14	**M14**	15	28,0	2,5	200
125Z16	**M16**	17	30,0	3,0	100
125Z18	**M18**	19	34,0	3,0	100
125Z20	**M20**	21	37,0	3,0	100
125Z22	**M22**	23	39,0	3,0	100
125Z24	**M24**	25	44,0	4,0	50
125Z27	**M27**	28	50,0	4,0	50
125Z30	**M30**	31	56,0	4,0	25
125Z33	**M33**	34	60,0	5,0	25
125Z36	**M36**	37	66,0	5,0	10
125Z39	**M39**	40	72,0	6,0	10

ARANDELA ANCHA DIN 9021 / ISO 7093 CINCADA

ZINC PLATED LARGE PLAIN WASHERS DIN 9021
RONDELLES PLATES LARGES DIN 9021 EN ACIER ZINGUÉ
UNTERLEGSCHEIBEN BREITE VERZINKT DIN 9021

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	D1 m.m.	D2 max.* m.m.	H m.m.	
9021Z04	**M4**	4,3	12,0	1,0	1.000
9021Z05	**M5**	5,3	15,0	1,2	1.000
9021Z06	**M6**	6,4	18,0	1,6	500
9021Z08	**M8**	8,4	24,0	2,0	200
9021Z10	**M10**	10,5	30,0	2,5	200
9021Z12	**M12**	13	37,0	3,0	100
9021Z14	**M14**	15	44,0	3,0	50
9021Z16	**M16**	17	50,0	3,0	50
9021Z18	**M18**	19	56,0	4,0	50
9021Z20	**M20**	22	60,0	4,0	50
9021Z22	**M22**	23	66,0	5,0	25
9021Z24	**M24**	26	72,0	5,0	25

* Diámetro exterior = 3 x diámetro nominal de rosca
/ Washers with outside diameter = 3 x nominal thread diameter
/ Diamètre extérieur = 3 x diamètre nominal du filetage

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
B125Z03	**M3**	40	20
B125Z04	**M4**	40	20
B125Z05	**M5**	40	20
B125Z06	**M6**	20	20
B125Z08	**M8**	10	20
B125Z10	**M10**	10	20
B125Z12	**M12**	6	20

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
B9021Z03	**M3**	20	20
B9021Z04	**M4**	20	20
B9021Z05	**M5**	20	20
B9021Z06	**M6**	10	20
B9021Z08	**M8**	5	20
B9021Z10	**M10**	5	20
B9021Z12	**M12**	4	20

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BF125Z04	**M4**	200	12
BF125Z05	**M5**	150	12
BF125Z06	**M6**	100	12
BF125Z08	**M8**	75	12
BF125Z10	**M10**	75	12
BF125Z12	**M12**	50	12

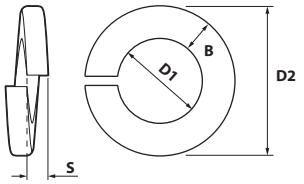
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BF9021Z04	**M4**	125	12
BF9021Z05	**M5**	125	12
BF9021Z06	**M6**	100	12
BF9021Z08	**M8**	50	12
BF9021Z10	**M10**	30	12
BF9021Z12	**M12**	15	12

ARANDELA MUELLE DIN 127-B CINCADA

ZINC PLATED SPRING LOCK WASHERS DIN 127-B
RONDELLES ELASTIQUES DIN 127-B EN ACIER ZINGUÉ
FEDERRINGE VERZINKT DIN 127-B

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	D1 m.m.	D2 m.m.	B m.m.	S m.m.	
127Z04	**M4**	4,1	7,6	1,5	0,9	1.000
127Z05	**M5**	5,1	9,2	1,8	1,2	1.000
127Z06	**M6**	6,1	11,8	2,5	1,6	1.000
127Z08	**M8**	8,1	14,8	3,0	2,0	1.000
127Z10	**M10**	10,2	18,1	3,5	2,2	500
127Z12	**M12**	12,2	21,1	4,0	2,5	500
127Z14	**M14**	14,2	24,1	4,5	3,0	300
127Z16	**M16**	16,2	27,4	5,0	3,5	200
127Z18	**M18**	18,2	29,4	5,0	3,5	100
127Z20	**M20**	20,2	33,6	6,0	4,0	100
127Z22	**M22**	22,5	35,9	6,0	4,0	50
127Z24	**M24**	24,5	40,0	7,0	5,0	50
127Z27	**M27**	27,5	43,0	7,0	5,0	25
127Z30	**M30**	30,5	48,2	8,0	6,0	25
127Z33	**M33**	33,5	55,2	10,0	6,0	10
127Z36	**M36**	36,5	58,2	10,0	6,0	10

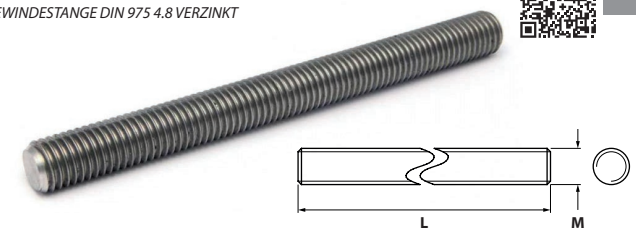
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
B127Z03	**M3**	20	20
B127Z04	**M4**	20	20
B127Z05	**M5**	20	20
B127Z06	**M6**	10	20
B127Z08	**M8**	5	20
B127Z10	**M10**	5	20

VARILLA ROSCADA DIN 975 4.8 CINCADA

ZINC PLATED THREADED ROD DIN 975 4.8
TIGE FILETÉE DIN 975 4.8 EN ACIER ZINGUÉ
GEWINDESTANGE DIN 975 4.8 VERZINKT

ZN



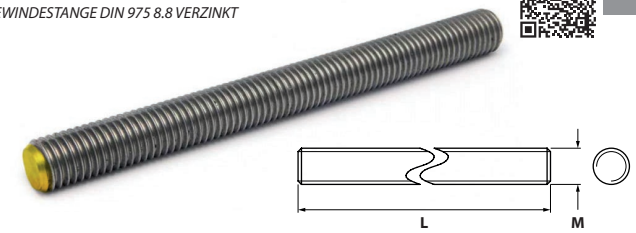
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	PASO *Pitch / Pas* m.m.	L m.m.	
975Z03	**M3**	0,5	1.000	100
975Z04	**M4**	0,7	1.000	100
975Z05	**M5**	0,8	1.000	100
975Z06	**M6**	1	1.000	100
975Z08	**M8**	1,25	1.000	50
975Z10	**M10**	1,5	1.000	25
975Z12	**M12**	1,75	1.000	20
975Z14	**M14**	2	1.000	10
975Z16	**M16**	2	1.000	10
975Z18	**M18**	2,5	1.000	10
975Z20	**M20**	2,5	1.000	5
975Z22	**M22**	2,5	1.000	5
975Z24	**M24**	3	1.000	5
975Z27	**M27**	3	1.000	5
975Z30	**M30**	3,5	1.000	3

VARILLA ROSCADA DIN 975 8.8 CINCADA

ZINC PLATED THREADED ROD DIN 975 8.8
TIGE FILETÉE DIN 975 8.8 EN ACIER ZINGUÉ
GEWINDESTANGE DIN 975 8.8 VERZINKT

ZN



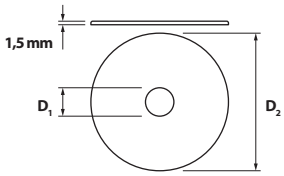
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	PASO *Pitch / Pas* m.m.	L m.m.	
9758Z06	**M6**	1	1.000	100
9758Z08	**M8**	1,25	1.000	50
9758Z10	**M10**	1,5	1.000	25
9758Z12	**M12**	1,75	1.000	20
9758Z14	**M14**	2	1.000	10
9758Z16	**M16**	2	1.000	10
9758Z18	**M18**	2,5	1.000	10
9758Z20	**M20**	2,5	1.000	5
9758Z22	**M22**	2,5	1.000	5
9758Z24	**M24**	3	1.000	5
9758Z27	**M27**	3	1.000	5
9758Z30	**M30**	3,5	1.000	3

ARANDELA DE CARROCERO CINCADA

ZINC PLATED WIDE WASHER
RONDELLE DE CARROSSERIE EN ACIER ZINGUÉ
KAROSSERIESCHEIBEN VERZINKT

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* $D_1 x D_2$ m.m.	
AEZ06420	**6,4x20**	200
AEZ06425	**6,4x25**	200
AEZ06430	**6,4x30**	200
AEZ08430	**8,4x30**	200
AEZ08435	**8,4x35**	200
AEZ08440	**8,4x40**	200
AEZ10535	**10,5x35**	200
AEZ10540	**10,5x40**	200
AEZ12540	**12,5x40**	200

MALETÍN DE TUERCAS CINCADAS

ZINC PLATED NUTS BRIEFCASE
MALLETTE DE ÉCROUS EN ACIER ZINGUÉ
HANDKOFFER AUS MUTTERN VERZINKT

ZN

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MTU2**

DIN 934 ZN		DIN 985 ZN		DIN 6923 ZN	
MEDIDA *Measure* m.m.		**MEDIDA** *Measure* m.m.		**MEDIDA** *Measure* m.m.	
M3	100	**M4**	100	**M6**	50
M4	100	**M5**	100	**M8**	25
M5	100	**M6**	50	**M10**	12
M6	50	**M8**	25	**M12**	5
M8	25	**M10**	12		
M10	12	**M12**	7		
M12	7				
M14	5				
M16	5				
M20	5				

MALETÍN DE ARANDELAS CINCADAS

ZINC PLATED WASHERS BRIEFCASE
MALLETTE AVEC RONDELLES EN ACIER ZINGUÉ
HANDKOFFER AUS SCHEIBEN VERZINKT

ZN

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MAR2**

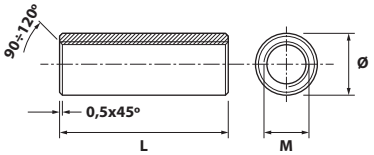
DIN 125-A ZN		DIN 9021 ZN		DIN 127-B ZN	
MEDIDA *Measure* m.m.		**MEDIDA** *Measure* m.m.		**MEDIDA** *Measure* m.m.	
M4	100	**M4**	100	**M4**	100
M5	100	**M5**	100	**M5**	100
M6	100	**M6**	50	**M6**	100
M8	50	**M8**	25	**M8**	50
M10	25	**M10**	12	**M10**	25
M12	12	**M12**	5	**M12**	12

DIN 6798-A ZN	
MEDIDA *Measure* m.m.	
M6	100
M8	50
M10	25

MANGUITO SEPARADOR REDONDO

ROUNDED STEEL COUPLING NUT
MANCHON CYLINDRÍQUE
RUNDENÜBERWURFMUTTERN

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL / Ø m.m.	
MS04020	**4x20 / Ø8**	100
MS06020	**6x20 / Ø10**	100
MS06030	**6x30 / Ø10**	100
MS08020	**8x20 / Ø11**	100
MS08030	**8x30 / Ø11**	100
MS10030	**10x30 / Ø13**	100
MS12035	**12x35 / Ø15**	100

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL / Ø m.m.		
BMS04020	**4x20 / Ø8**	6	15
BMS06030	**6x30 / Ø10**	6	15
BMS08030	**8x30 / Ø11**	4	15
BMS10030	**10x30 / Ø13**	4	15

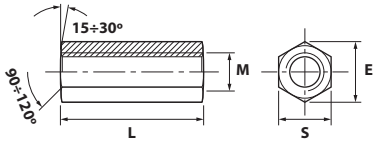
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL / Ø m.m.		
BFMS04020	**4x20 / Ø8**	40	12
BFMS06020	**6x20 / Ø10**	40	12
BFMS06030	**6x30 / Ø10**	40	12
BFMS08020	**8x20 / Ø11**	30	12
BFMS08030	**8x30 / Ø11**	30	12
BFMS10030	**10x30 / Ø13**	20	12

MANGUITO SEPARADOR HEXAGONAL

HEXAGONAL STEEL COUPLING NUT
MANCHON HEXAGONAL
SECHSKANTÜBERWURFMUTTERN

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL / S m.m.	E m.m	
MSE06020	**6x20 / 10**	11,5	100
MSE06030	**6x30 / 10**	11,5	100
MSE08020	**8x20 / 11**	12,7	100
MSE08030	**8x30 / 11**	12,7	100
MSE10030	**10x30 / 13**	15	100
MSE12035	**12X35 / 17**	19,6	100

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

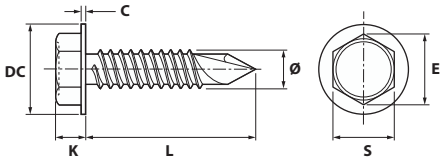
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL / S m.m.		
BMSE06030	**6x30 / 10**	6	15
BMSE08030	**8x30 / 11**	6	15
BMSE10030	**10x30 / 13**	4	15

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL / S m.m.		
BFMSE06020	**6x20 / 10**	40	12
BFMSE06030	**6x30 / 10**	40	12
BFMSE08020	**8x20 / 11**	30	12
BFMSE08030	**8x30 / 11**	30	12
BFMSE10030	**10x30 / 13**	20	12

TORNILLO AUTOPERFORANTE DIN 7504-K CINCADO

HEX. FLAT WASHER HEAD SELF DRILLING SCREW WITH UNDERCUT DIN 7504-K ZINC PLATED
VIS AUTOPERCEUSE TÊTE HEX. À RONDELLE INTÉGRÉE DIN 7504-K EN ACIER ZINGUÉ
SECHSKANT-BOHRSCHRAUBE MIT INTEGRIERTER UNTERLEGSCHEIBE DIN 7504-K VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7504K** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3,5**	**Ø4,2**	**Ø4,8**	**Ø5,5**	**Ø6,3**
13	1.000	1.000	1.000		
16	1.000	1.000	1.000		
19	1.000	1.000	1.000	1.000	500
22	1.000	1.000	1.000	1.000	500
25	1.000	1.000	1.000	1.000	500
32	1.000	1.000	1.000	500	500
38		500	500	500	500
50			500	500	200
63			500	250	200
75				250	200
80				250	100
90					100
100					100
120					100
130					100
140					100
					MEDIDAS / *Measures / Mesures*
DC max.	8,3	8,8	10,5	11	13,5
S (Hexagonal)	5,5	7	8	8	10
E min.	5,96	7,59	8,71	8,71	10,95
K max.	3,4	4,1	4,3	5,4	5,9
C min.	0,6	0,8	0,9	1	1

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7504K35009	**3,5x9,5**	200	12
BF7504K35013	**3,5x13**	200	12
BF7504K42013	**4,2x13**	150	12
BF7504K42016	**4,2x16**	150	12
BF7504K42019	**4,2x19**	150	12
BF7504K42025	**4,2x25**	75	12
BF7504K42032	**4,2x32**	75	12
BF7504K48013	**4,8x13**	150	12
BF7504K48016	**4,8x16**	150	12
BF7504K48019	**4,8x19**	150	12
BF7504K48025	**4,8x25**	150	12
BF7504K48032	**4,8x32**	100	12
BF7504K48038	**4,8x38**	85	12
BF7504K55019	**5,5x19**	125	12
BF7504K55025	**5,5x25**	125	12
BF7504K55032	**5,5x32**	85	12
BF7504K55038	**5,5x38**	80	12
BF7504K55050	**5,5x50**	60	12
BF7504K55063	**5,5x63**	40	12
BF7504K63019	**6,3x19**	100	12
BF7504K63025	**6,3x25**	90	12
BF7504K63032	**6,3x32**	70	12
BF7504K63038	**6,3x38**	60	12
BF7504K63050	**6,3x50**	40	12
BF7504K63063	**6,3x63**	25	12

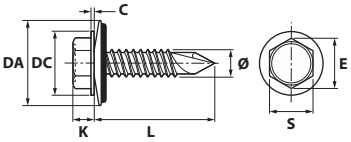
BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7504K35013	**3,5x13**	20	20
B7504K35016	**3,5x16**	20	20
B7504K35019	**3,5x19**	20	20
B7504K35025	**3,5x25**	20	20
B7504K42013	**4,2x13**	20	20
B7504K42016	**4,2x16**	20	20
B7504K42019	**4,2x19**	20	20
B7504K42025	**4,2x25**	10	20
B7504K42032	**4,2x32**	10	20
B7504K48013	**4,8x13**	10	20
B7504K48016	**4,8x16**	10	20
B7504K48019	**4,8x19**	10	20
B7504K48025	**4,8x25**	10	10
B7504K48032	**4,8x32**	10	10
B7504K48038	**4,8x38**	10	10
B7504K55019	**5,5x19**	10	10
B7504K55025	**5,5x25**	10	10
B7504K55032	**5,5x32**	10	10
B7504K55038	**5,5x38**	10	10
B7504K55050	**5,5x50**	10	10
B7504K63025	**6,3x25**	10	10
B7504K63032	**6,3x32**	10	10
B7504K63038	**6,3x38**	10	10
B7504K63050	**6,3x50**	5	10

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG*

TORNILLO AUTOPERFORANTE DIN 7504-K CINCADO + ARANDELA EPDM

HEX. HEAD SELF DRILLING SCREW DIN 7504-K ZINC PLATED WITH EPDM WASHER
VIS AUTOPERCEUSE TÊTE HEX. DIN 7504-K EN ACIER ZINGUÉ AVEC RONDELLE VULCANISÉ
SECHSKANT-BOHRSCHRAUBE DIN 7504-K VERZINKT MIT SCHEIBE EPDM



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7504KA** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

TORNILLO / *Screw / Vis*	**ARANDELA EPDM** / *EPDM washer / Rondelle Vulcanisé*		
ØxL (m.m.)	**Ø16**	**Ø19**	**Ø25**
4,8x16	500		
4,8x19	500		
4,8x22	500		
4,8x25	500		
4,8x32	500		
4,8x38	500		
4,8x50	500		
5,5x22		500	
5,5x25		500	250
5,5x32		500	250
5,5x38		500	200
5,5x50		200	200
6,3x19		500	250
6,3x25		250	250
6,3x32		250	250
6,3x38		200	200
6,3x50		200	200

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL / ØA** m.m.		
BF7504KA481916	**4,8x19/Ø16**	100	12
BF7504KA482516	**4,8x25/Ø16**	80	12
BF7504KA552519	**5,5x25/Ø19**	60	12
BF7504KA553219	**5,5x32/Ø19**	50	12
BF7504KA553819	**5,5x38/Ø19**	45	12
BF7504KA555019	**5,5x50/Ø19**	35	12
BF7504KA632519	**6,3x25/Ø19**	50	12
BF7504KA633219	**6,3x32/Ø19**	50	12
BF7504KA633819	**6,3x38/Ø19**	40	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL / ØA** m.m.		
B7504KA4801916	**4,8x19/Ø16**	18	12
B7504KA4802516	**4,8x25/Ø16**	18	12
B7504KA5502519	**5,5x25/Ø19**	15	12
B7504KA5503219	**5,5x32/Ø19**	12	12
B7504KA5503819	**5,5x38/Ø19**	12	12
B7504KA5505019	**5,5x50/Ø19**	10	12
B7504KA6302519	**6,3x25/Ø19**	10	12
B7504KA6303219	**6,3x32/Ø19**	8	12
B7504KA6303819	**6,3x38/Ø19**	8	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN TORNILLOS DIN 7504-K CINCADOS

ZINC PLATED SCREW DIN 7504-K BRIEFCASE
MALLETTE VIS DIN 7504-K EN ACIER ZINGUÉ
HANDKOFFER BOHRSCHRAUBE DIN 7504-K VERZINKT

MALETÍN / *BRIEFCASE / MALLETTE*

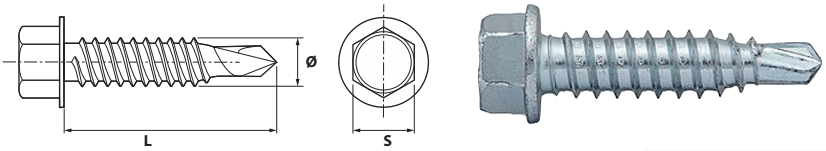
CÓDIGO / *Code / Code:* **M7504K**

DIN 7504K				**ARANDELA EPDM**	
MEDIDA *Measure* m.m.		**MEDIDA** *Measure* m.m.		**MEDIDA** *Measure* m.m.	
3,5x13	100	**4,8x25**	50	**Ø14**	100
3,5x16	100	**4,8x32**	25	**Ø16**	100
3,5x19	100	**4,8x38**	25		
4,2x13	100	**5,5x25**	50		
4,2x16	100	**5,5x32**	25		
4,2x19	100	**5,5x38**	25		
4,2x25	50	**6,3x25**	25		
4,8x13	50	**6,3x32**	25		
4,8x16	50	**6,3x38**	15		
4,8x19	50				

Producto disponible en color bajo demanda. Consultar disponibilidad y plazo. / *Product available in color on request. Check availability and delivery term.*
Produit disponible en couleur sur demande. Vérifiez la disponibilité et la durée. / Produkt auf Anfrage in Farbe erhältlich. Verfügbarkeit und Laufzeit prüfen.

TORNILLO AUTOPERFORANTE DIN 7504-K PUNTA REDUCIDA CINCADO

ZINC PLATED SELF DRILLING SCREW WITH REDUCED POINT DIN 7504-K
VIS AUTOPERCEUSE AVEC POINTE RÈDUITE DIN 7504-K EN ACIER ZINGUÉ
SECHSKANT-BOHRSCHRAUBE MIT REDUZIERTEM BOHRSPITZE DIN 7504-K VERZINKT

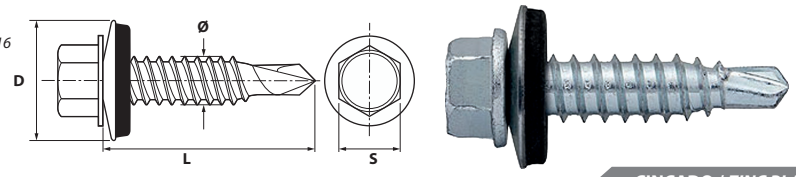


CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* S	CAPACIDAD TALADRO *Drill capacity Capacité de forage* m.m.	GROSOR A FIJAR *Thickness to fix Épaisseur* m.m.	PAR DE APRIETE *Torque Couple de serrage* Nm	EXTRACCIÓN *Tension load Extraction* kN	CIZALLADO *Shear load Cisaillement* kN	VELOCIDAD TALADRO *Drilling speed Vitesse de perçade* rpm	
7504KR55022	**5,5x22**	8	1,5	12	10,4	11	6,5	1.750	500
7504KR63020	**6,3x20**	8	1,5	9	10,4	11	6,5	1.750	500
7504KR63025	**6,3x25**	8	1,5	14	16,9	15	8,9	1.500	500

TORNILLO AUTOPERFORANTE DIN 7504-K PUNTA REDUCIDA CINCADO + EPDM Ø16

ZINC PLATED SELF DRILLING SCREW WITH REDUCED POINT DIN 7504-K + EPDM Ø16
VIS AUTOPERCEUSE AVEC POINTE RÈDUITE DIN 7504-K EN ACIER ZINGUÉ + EPDM Ø16
SECHSKANT-BOHRSCHRAUBE MIT REDUZIERTEM BOHRSPITZE DIN 7504-K VERZINKT + EPDM Ø16



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL/D m.m.	LLAVE *Wrench / Clé* S	CAPACIDAD TALADRO *Drill capacity Capacité de forage* m.m.	GROSOR A FIJAR *Thickness to fix Épaisseur* m.m.	PAR DE APRIETE *Torque Couple de serrage* Nm	EXTRACCIÓN *Tension load Extraction* kN	CIZALLADO *Shear load Cisaillement* kN	VELOCIDAD TALADRO *Drilling speed Vitesse de perçade* rpm	
7504KRA55022	**5,5x22/Ø16**	8	1,5	12	10,4	11	6,5	1.750	500
7504KRA63020	**6,3x20/Ø16**	8	1,5	9	10,4	11	6,5	1.750	500
7504KRA63025	**6,3x25/Ø16**	8	1,5	14	16,9	15	8,9	1.500	500

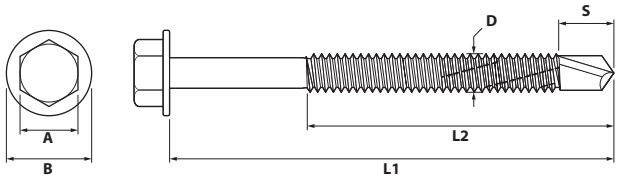
TLLO. DIN 7504-K BIMETAL PUNTA BROCA Nº3 - INOX. A2 / ACERO CARBONO

BIMETAL SELF DRILLING SCREW POINT 3
VIS AUTOPERCEUSE POINTE 3 BI-MÉTAL
BIMETALL SECHSKANT-BOHRSCHRAUBE SPITZE 3

CAJA / *BOX / BOÎTE* — **BIMETAL** / *BIMETAL*

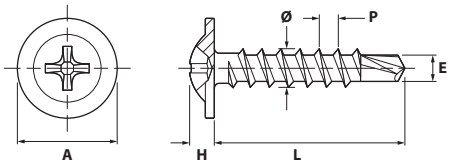
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL1 m.m.	LLAVE *Wrench / Clé* S	CAPACIDAD TALADRO *Drill capacity Capacité de forage* m.m.	GROSOR A FIJAR *Thickness to fix Épaisseur* m.m.	L2 m.m.	S m.m.	A m.m.	B m.m.	Mr Nm	Nk kN	Vk kN	
7504KBI55026	**5,5x26**	8	2 - 6	8	RC	8,5	8	12,8	9,5	9	4,5	200
7504KBI55030	**5,5x30**	8	2 - 6	12	RC	8,5	8	12,8	9,5	9	4,5	200
7504KBI55040	**5,5x40**	8	2 - 6	22	RC	8,5	8	12,8	9,5	9	4,5	200
7504KBI55050	**5,5x50**	8	2 - 6	32	RC	8,5	8	12,8	9,5	9	4,5	200
7504KBI55070	**5,5x70**	8	2 - 6	52	60	8,5	8	12,8	9,5	9	4,5	100
7504KBI55090	**5,5x90**	8	2 - 6	72	60	8,5	8	12,8	9,5	9	4,5	100
7504KBI55110	**5,5x110**	8	2 - 6	92	60	8,5	8	12,8	9,5	9	4,5	100
7504KBI55130	**5,5x130**	8	2 - 6	112	60	8,5	8	12,8	9,5	9	4,5	100
7504KBI55150	**5,5x150**	8	2 - 6	132	60	8,5	8	12,8	9,5	9	4,5	100
7504KBI55180	**5,5x180**	8	2 - 6	162	60	8,5	8	12,8	9,5	9	4,5	100
7504KBI55200	**5,5x200**	8	2 - 6	182	60	8,5	8	12,8	9,5	9	4,5	100

RC: Rosca completa / *Full thread*
Mr : Momento de rotura del par de apriete / *Breaking torque moment*
Nk : Carga de rotura por tracción / *Characteristic breaking tensile load*
Vk : Carga de rotura por cizalladura / *Characteristic breaking shear load*



TORNILLO FSTZ AUTOPERFORANTE CABEZA ABOMBADA CINCADO

SELF DRILLING SCREW PAN HEAD ZINC PLATED
VIS AUTOPERCEUSE TÊTE BOMBEÉ EN ACIER ZINGUÉ
FLACHKOPF-BOHRSCHRAUBE KREUZSCHLITZ VERZINKT



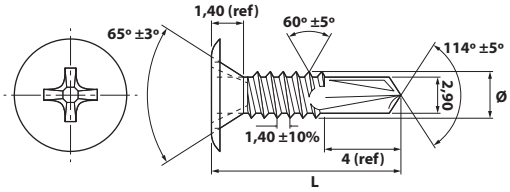
CINCADO / *ZINC PLATED*

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* PH	CAPACIDAD TALADRO *Drill capacity* *Capacité de forage* m.m.	GROSOR A FIJAR *Thickness to fix* *Épaisseur* m.m.	VELOCIDAD TALADRO *Drilling speed* *Vitesse de perçade* rpm	A min. - max. m.m.	H min. - max. m.m.	D min. - max. m.m.	E min. - max. m.m.	P Nm	
FSTZ4213	**4,2x13**	2	0,75 - 2,5	4	2.250	10,8 - 11,20	1,90 - 2,50	4,09 - 4,22	3,35 - 3,60	~1,40	500
FSTZ4216	**4,2x16**	2	0,75 - 2,5	7	2.250	10,8 - 11,20	1,90 - 2,50	4,09 - 4,22	3,35 - 3,60	~1,40	500
FSTZ4219	**4,2x19**	2	0,75 - 2,5	10	2.250	10,8 - 11,20	1,90 - 2,50	4,09 - 4,22	3,35 - 3,60	~1,40	500
FSTZ4225	**4,2x25**	2	0,75 - 2,5	16	2.250	10,8 - 11,20	1,90 - 2,50	4,09 - 4,22	3,35 - 3,60	~1,40	500

TORNILLO AUTOPERFORANTE CABEZA EXTRAPLANA CINCADO

SELF DRILLING SCREW FLAT PAN HEAD ZINC PLATED
VIS AUTOPERCEUSE TÊTE BOMBEÉ PLATE EN ACIER ZINGUÉ
FLACHKOPF-BOHRSCHRAUBE KREUZSCHLITZ VERZINKT



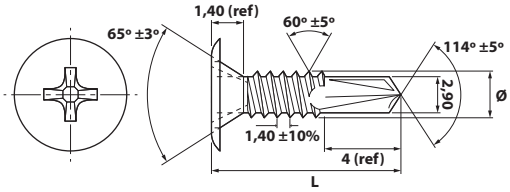
CINCADO / *ZINC PLATED*

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* PH	CAPACIDAD TALADRO *Drill capacity* *Capacité de forage* m.m.	GROSOR A FIJAR *Thickness to fix* *Épaisseur* m.m.	PAR DE APRIETE *Torque* *Couple de serrage* Nm	EXTRACCIÓN *Tension load* *Extraction* kN	VELOCIDAD TALADRO *Drilling speed* *Vitesse de perçade* rpm	
FSTP4214	**4,2x14**	2	2	6	4,7	6	2.000	500
FSTP4223	**4,2x23**	2	2	15	4,7	6	2.000	500

TORNILLO AUTOPERFORANTE CABEZA EXTRAPLANA CINCADO NEGRO

SELF DRILLING SCREW FLAT PAN HEAD BLACK ZINC PLATED
VIS AUTOPERCEUSE TÊTE BOMBEÉ PLATE EN ACIER ZINGUÉ NOIR
FLACHKOPF-BOHRSCHRAUBE KREUZSCHLITZ SCWARZ VERZINKT



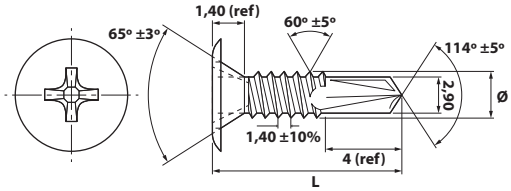
CINCADO NEGRO / *BLACK ZP.*

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* PH	CAPACIDAD TALADRO *Drill capacity* *Capacité de forage* m.m.	GROSOR A FIJAR *Thickness to fix* *Épaisseur* m.m.	PAR DE APRIETE *Torque* *Couple de serrage* Nm	EXTRACCIÓN *Tension load* *Extraction* kN	VELOCIDAD TALADRO *Drilling speed* *Vitesse de perçade* rpm	
FSTPN4214	**4,2x14**	2	2	6	4,7	6	2.000	500
FSTPN4223	**4,2x23**	2	2	15	4,7	6	2.000	500

TORNILLO AUTOPERFORANTE CABEZA EXTRAPLANA LACADO BLANCO

SELF DRILLING SCREW FLAT PAN HEAD WHITE LACQUERED
VIS AUTOPERCEUSE TÊTE BOMBEÉ PLATE EN ACIER LAQUÉ BLANC
FLACHKOPF-BOHRSCHRAUBE KREUZSCHLITZ SCWARZ WEIß GESTRICHENEN



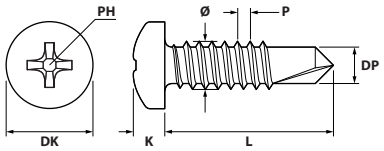
LACADO BLANCO / *WHITE LAC.*

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* PH	CAPACIDAD TALADRO *Drill capacity* *Capacité de forage* m.m.	GROSOR A FIJAR *Thickness to fix* *Épaisseur* m.m.	PAR DE APRIETE *Torque* *Couple de serrage* Nm	EXTRACCIÓN *Tension load* *Extraction* kN	VELOCIDAD TALADRO *Drilling speed* *Vitesse de perçade* rpm	
FSTPLB4214	**4,2x14**	2	2	6	4,7	6	2.000	500
FSTPLB4223	**4,2x23**	2	2	15	4,7	6	2.000	500

TORNILLO AUTOPERFORANTE DIN 7504-N CINCADO

PAN HEAD SELF DRILLING SCREW DIN 7504-N ZINC PLATED
VIS AUTOPERCEUSE TÊTE CYLINDRIQUE DIN 7504-N EN ACIER ZINGUÉ
ZYLINDERKOPF-BOHRSCHRAUBE DIN 7504-N VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7504N** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3,5**	**Ø3,9**	**Ø4,2**	**Ø4,8**	**Ø5,5**
9,5	1.000	1.000	1.000		
13	1.000	1.000	1.000	1.000	
16	1.000	1.000	1.000	1.000	
19	1.000	1.000	1.000	1.000	1.000
25	1.000	1.000	1.000	1.000	1.000
32	1.000	1.000	1.000	1.000	1.000
38		1.000	1.000	500	500
45				500	500
50			500	500	500
60				250	250
70				200	200
80				100	100
90				100	
100				100	
					MEDIDAS / *Measures / Mesures*
DK	6,9	7,5	8,2	9,5	10,8
K	2,1	2,3	2,5	3	3,4
DP	2,8	3,1	3,6	4,1	4,8
P	1,27	1,34	1,41	1,59	1,81
PH (Phillips)	2	2	2	2	3

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7504N35009	**3,5x9,5**	250	12
BF7504N35013	**3,5x13**	250	12
BF7504N35016	**3,5x16**	225	12
BF7504N35019	**3,5x19**	225	12
BF7504N35025	**3,5x25**	180	12
BF7504N39013	**3,9x13**	250	12
BF7504N39016	**3,9x16**	200	12
BF7504N39019	**3,9x19**	200	12
BF7504N39025	**3,9x25**	150	12
BF7504N39032	**3,9x32**	150	12
BF7504N42013	**4,2x13**	200	12
BF7504N42016	**4,2x16**	200	12
BF7504N42019	**4,2x19**	175	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7504N42025	**4,2x25**	125	12
BF7504N42032	**4,2x32**	90	12
BF7504N42038	**4,2x38**	75	12
BF7504N42050	**4,2x50**	50	12
BF7504N48013	**4,8x13**	125	12
BF7504N48016	**4,8x16**	125	12
BF7504N48019	**4,8x19**	100	12
BF7504N48025	**4,8x25**	90	12
BF7504N48032	**4,8x32**	75	12
BF7504N48038	**4,8x38**	55	12
BF7504N48045	**4,8x45**	50	12
BF7504N48050	**4,8x50**	40	12
BF7504N55032	**5,5x32**	50	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN TORNILLOS DIN 7504-N CINCADOS

ZINC PLATED SCREW DIN 7504-N BRIEFCASE
MALLETTE AVEC VIS DIN 7504-N EN ACIER ZINGUÉ
HANDKOFFER AUS BOHRSCHRAUBE DIN 7504-N VERZINKT

MALETÍN / *BRIEFCASE / MALLETTE*

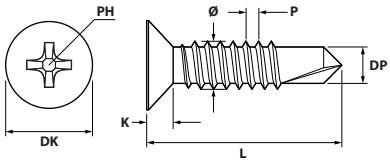
CÓDIGO / *Code / Code:* **M7504N**

MEDIDA *Measure* **MxL** m.m.	**CANTIDAD** *Quantity / Quantité*	**MEDIDA** *Measure* **ØxL** m.m.	**CANTIDAD** *Quantity / Quantité*	**MEDIDA** *Measure* **ØxL** m.m.	**CANTIDAD** *Quantity / Quantité*
3,5x13	100	**3,9x25**	100	**4,8x19**	100
3,5x16	100	**4,2x13**	100	**4,8x25**	50
3,5x19	100	**4,2x16**	100	**4,8x32**	50
3,5x25	100	**4,2x19**	100	**4,8x38**	50
3,9x13	100	**4,2x25**	50	**5,5x25**	50
3,9x16	100	**4,8x13**	100	**5,5x32**	50
3,9x19	100	**4,8x16**	100	**5,5x38**	25

Producto disponible en color bajo demanda. Consultar disponibilidad y plazo. / *Product available in color on request. Check availability and delivery term.*
Produit disponible en couleur sur demande. Vérifiez la disponibilité et la durée. / Produkt auf Anfrage in Farbe erhältlich. Verfügbarkeit und Laufzeit prüfen.

TORNILLO AUTOPERFORANTE DIN 7504-P CINCADO

FLAT CSK HEAD SELF DRILLING SCREW DIN 7504-P ZINC PLATED
VIS AUTOPERCEUSE TÊTE FRAISÉE PLATE DIN 7504-P EN ACIER ZINGUÉ
SENKKOPF-BOHRSCHRAUBE DIN 7504-P VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7504P** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3,5**	**Ø3,9**	**Ø4,2**	**Ø4,8**	**Ø5,5**
13	1.000	1.000	1.000	1.000	
16	1.000	1.000	1.000	1.000	
19	1.000	1.000	1.000	1.000	1.000
22	1.000	1.000	1.000	1.000	
25	1.000	1.000	1.000	1.000	1.000
32	1.000	1.000	1.000	1.000	500
38		1.000	500	500	500
45				500	
50			500	500	500
60				250	250
70				200	200
80				100	100
					MEDIDAS / *Measures / Mesures*
DK	6,9	7,5	8,2	9,5	10,8
K	2,1	2,3	2,5	3	3,4
DP	2,8	3,1	3,6	4,1	4,8
P	1,27	1,34	1,41	1,59	1,81
PH (Phillips)	2	2	2	2	3

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7504P35013	**3,5x13**	250	12
BF7504P35016	**3,5x16**	225	12
BF7504P35019	**3,5x19**	200	12
BF7504P35025	**3,5x25**	180	12
BF7504P39013	**3,9x13**	200	12
BF7504P39016	**3,9x16**	200	12
BF7504P39019	**3,9x19**	175	12
BF7504P39025	**3,9x25**	150	12
BF7504P39038	**3,9x38**	100	12
BF7504P42013	**4,2x13**	175	12
BF7504P42016	**4,2x16**	175	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7504P42019	**4,2x19**	175	12
BF7504P42025	**4,2x25**	125	12
BF7504P42032	**4,2x32**	90	12
BF7504P42038	**4,2x38**	75	12
BF7504P48016	**4,8x16**	125	12
BF7504P48019	**4,8x19**	100	12
BF7504P48025	**4,8x25**	90	12
BF7504P48032	**4,8x32**	75	12
BF7504P48038	**4,8x38**	75	12
BF7504P55032	**5,5x32**	50	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN TORNILLOS DIN 7504-P CINCADOS

ZINC PLATED SCREW DIN 7504-P BRIEFCASE
MALLETTE AVEC VIS DIN 7504-P EN ACIER ZINGUÉ
HANDKOFFER AUS BOHRSCHRAUBE DIN 7504-P VERZINKT

MALETÍN / *BRIEFCASE / MALLETTE* — **CÓDIGO** / *Code / Code:* **M7504P**

MEDIDA *Measure* **MxL** m.m.	**CANTIDAD** *Quantity / Quantité*	**MEDIDA** *Measure* **ØxL** m.m.	**CANTIDAD** *Quantity / Quantité*	**MEDIDA** *Measure* **ØxL** m.m.	**CANTIDAD** *Quantity / Quantité*
3,5x13	100	**3,9x25**	100	**4,8x19**	100
3,5x16	100	**4,2x13**	100	**4,8x25**	50
3,5x19	100	**4,2x16**	100	**4,8x32**	50
3,5x25	100	**4,2x19**	100	**4,8x38**	50
3,9x13	100	**4,2x25**	50	**5,5x25**	50
3,9x16	100	**4,8x13**	100	**5,5x32**	50
3,9x19	100	**4,8x16**	100	**5,5x38**	25

Producto disponible en color bajo demanda. Consultar disponibilidad y plazo. / *Product available in color on request. Check availability and delivery term.*
Produit disponible en couleur sur demande. Vérifiez la disponibilité et la durée. / Produkt auf Anfrage in Farbe erhältlich. Verfügbarkeit und Laufzeit prüfen.

MALETÍN TORNILLOS DIN 7504-K, 7504-N Y 7504-P

BRIEFCASE WITH SCREWS DIN 7504-K, 7504-N & 7504-P
MALLETTE AVEC VIS DIN 7504-K, 7504-N ET 7504-P
HANDKOFFER AUS BOHRSCHRAUBE DIN 7504-K, 7504-N UND 7504-P

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M7504KPN**

DIN 7504K		DIN 7504N		DIN 7504P	
MEDIDA *Measure* m.m.		**MEDIDA** *Measure* m.m.		**MEDIDA** *Measure* m.m.	
3,5x13	100	**3,5x13**	100	**3,5x13**	100
3,5x16	100	**3,5x16**	100	**3,5x16**	100
4,2x16	100	**4,2x16**	100	**4,2x16**	100
4,2x19	100	**4,2x19**	100	**4,2x19**	100
4,8x19	50	**4,8x19**	50	**4,8x19**	50
4,8x25	50	**4,8x25**	50	**4,8x25**	50
4,8x32	50				

ARANDELA EPDM	
MEDIDA *Measure* m.m.	
Ø14	100
Ø16	100

MALETÍN TORNILLOS DIN 7504-N TX CINCADOS

ZINC PLATED SCREW DIN 7504-N TX BRIEFCASE
MALLETTE AVEC VIS DIN 7504-N TX EN ACIER ZINGUÉ
HANDKOFFER AUS BOHRSCHRAUBE DIN 7504-N TX VERZINKT

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M7504NT**

MEDIDA *Measure* MxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure* ØxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
3,5x13	100	**3,9x25**	100	**4,8x25**	50
3,5x16	100	**4,2x13**	100	**4,8x32**	50
3,5x19	100	**4,2x16**	100	**4,8x38**	50
3,5x25	100	**4,2x19**	100	**5,5x25**	50
3,9x13	100	**4,2x25**	50	**5,5x32**	50
3,9x16	100	**4,8x16**	100	**5,5x38**	25
3,9x19	100	**4,8x19**	100		

MALETÍN TORNILLOS DIN 7504-P TX CINCADOS

ZINC PLATED SCREW DIN 7504-P TX BRIEFCASE
MALLETTE AVEC VIS DIN 7504-P TX EN ACIER ZINGUÉ
HANDKOFFER AUS BOHRSCHRAUBE DIN 7504-P TX VERZINKT

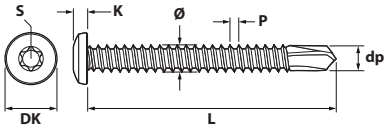
MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M7504PT**

MEDIDA *Measure* MxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure* ØxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
3,5x13	100	**3,9x25**	100	**4,8x25**	50
3,5x16	100	**4,2x13**	100	**4,8x32**	50
3,5x19	100	**4,2x16**	100	**4,8x38**	50
3,5x25	100	**4,2x19**	100	**5,5x25**	50
3,9x13	100	**4,2x25**	50	**5,5x32**	50
3,9x16	100	**4,8x16**	100	**5,5x38**	25
3,9x19	100	**4,8x19**	100		

TORNILLO AUTOPERFORANTE DIN 7504-N TX CINCADO

PAN HEAD 6-LOBE RECESS SELF DRILL. SCREW DIN 7504-N TX ZINC PLATED
VIS AUTOP. EMPREINTE À SIX LOBES DIN 7504-N TX EN ACIER ZINGUÉ
ZYLINDERKOPF-BOHRSCHRAUBE, EINSATZGEHÄRTET, DIN 7504-N TX VERZINKT



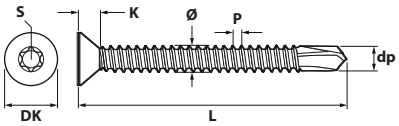
CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7504NT** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3,5**	**Ø3,9**	**Ø4,2**	**Ø4,8**	**Ø5,5**	**Ø6,3**
9,5	1.000					
13	1.000	1.000	500			
16	500	500	500	500	200	
19	500	500	500	500	200	200
25	500	500	500	200	200	200
32	500	500	200	200	200	200
38		200	200	200	200	200
45		200	200	200	200	200
50				200	200	200
60				100	100	100
70				100	100	100
80					100	100
100					100	100
120						100
140						100
						MEDIDAS / *Measures / Mesures*
DK	6,9	7,5	8,2	9,5	10,8	12,5
K	2,1	2,3	2,5	3	3,4	4,5
dp	2,8	3,1	3,6	4,1	4,8	5,7
P	1,27	1,34	1,41	1,59	1,81	1,81
S (TX)	T-15	T-15	T-20	T-25	T-25	T-30

TORNILLO AUTOPERFORANTE DIN 7504-P TX CINCADO

FLAT CSK. HEAD 6-LOBE RECESS SELF DRILLING SCREW DIN 7504-P TX ZINC PLATED
VIS AUTOP. EMPREINTE À SIX LOBES DIN 7504-P TX EN ACIER ZINGUÉ
SENKKOPF-BOHRSCHRAUBE INNENSECHSRUND, DIN 7504-P TX VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7504PT** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3,5**	**Ø3,9**	**Ø4,2**	**Ø4,8**	**Ø5,5**	**Ø6,3**
13	1.000	1.000	500			
16	500	500	500	500		
19	500	500	500	500	200	200
25	500	500	500	500	200	200
32	500	500	200	200	200	200
38	500	200	200	200	200	200
45		200	200	200	200	200
50		200	200	200	200	200
60				100	100	100
70				100	100	100
80					100	100
100						100
120						100
140						100
						MEDIDAS / *Measures / Mesures*
DK	6,9	7,5	8,2	9,5	10,8	12,3
K	2,6	2,8	3,05	3,55	3,95	5
dp	2,8	3,1	3,6	4,1	4,8	5,7
P	1,27	1,34	1,41	1,59	1,81	1,81
S (TX)	T-15	T-15	T-20	T-25	T-25	T-30

TORNILLO DIN 7504-P TX CON ALAS CINCADO

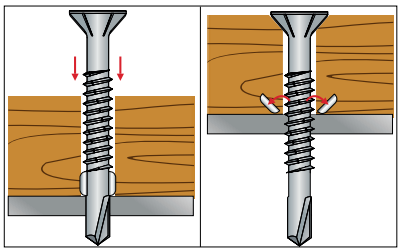
FLAT CSK. HEAD TX SELF DRILLING SCREW WITH WINGS DIN 7504-P TX ZINC PLATED
VIS AUTOP. EMPREINTE À SIX LOBES AVEC AILETTES DIN 7504-P TX EN ACIER ZINGUÉ
SENKKOPF-BOHRSCHRAUBE MIT FLÜGEL INNENSECHSRUND, DIN 7504-P TX VERZINKT

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7504PAT** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø4,8**	**Ø5,5**	**Ø6,3**
38	200	200	
40			200
45	200	200	
50		200	200
60	200	100	100
70		100	100
80			100
100			100
120			100
			MEDIDAS / *Measures / Mesures*
DK	9,5	10,8	12,5
K	3	3,4	3,8
S (TX)	T-25	T-30	T-30
Capacidad taladro / *Drill capacity*	1,75-4,00	1,75-5,00	2,50-6,00

INSTALACIÓN / ***INSTALLATION***

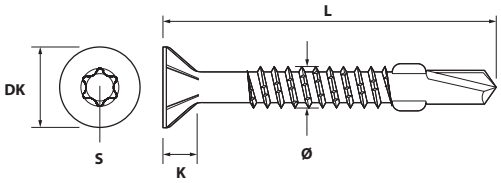


Ideal para la fijación de paneles de madera sobre soportes metálicos. No requiere perforación previa.

Ideal for fixing wooden panels on metal supports. Does not require pre-drilling.

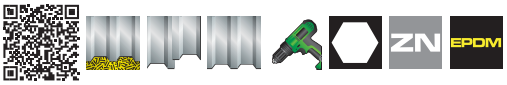
Idéal pour fixer des panneaux en bois sur des supports métalliques. Ne nécessite pas de pré-perçage.

Ideal zum Befestigen von Holzplatten auf Metallträgern. Erfordert kein Vorbohren.



TORNILLO PANEL SANDWICH PUNTA BROCA Nº3 + EPDM Ø16

SELF DRILLING SCREW POINT Nº3 FOR SANDWICH PANELS + EPDM Ø16
VIS AUTOPERCEUSE POINTE Nº3 POUR PANNEAU SANDWICH + EPDM Ø16
SECHSKANT-BOHRSCHRAUBE SPITZE Nº3 + EPDM Ø16

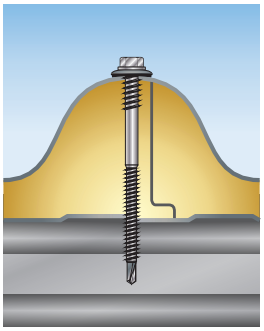


CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **D1/D2xL** m.m.	**LLAVE** *Wrench / Clé* S	**Capacidad taladro** *Drill capacity / Capacité du percer* m.m.	t_{fix} m.m.	
TPSA355063	**5,5/6,3x63**	8	1,5 - 6	27 - 44	100
TPSA355082	**5,5/6,3x82**	8	1,5 - 6	31 - 68	100
TPSA355098	**5,5/6,3x98**	8	1,5 - 6	48 - 84	100
TPSA355115	**5,5/6,3x115**	8	1,5 - 6	63 - 100	100

* t_{fix}: Grosor máximo a fijar / *Maximum thickness to fix / Épaisseur maximale à fixer / Maximale Dicke zum Fixieren*

INSTALACIÓN / ***INSTALLATION***

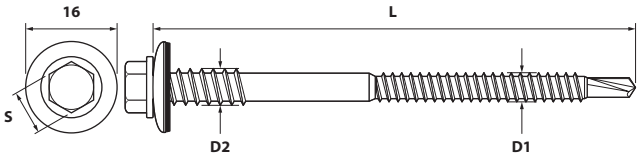


Tornillo diseñado par la instalación de paneles de cubierta con aislante y similares en soportes metálicos.

Screw designed for the installation of insulated roof panels and the like on metal supports.

Vis conçue pour l'installation de panneaux de toiture isolés et similaires sur des supports métalliques.

Schraube für die Installation von isolierten Dachplatten und dergleichen auf Metallträgern.



TLLO. VIGA AUTOPERFORANTE PUNTA BROCA Nº5 CINCADO

SELF DRILLING SCREW POINT Nº5 ZINC PLATED
VIS AUTOPERCEUSE POINTE Nº5 EN ACIER ZINGUÉ
SECHSKANT-BOHRSCHRAUBE SPITZE Nº5

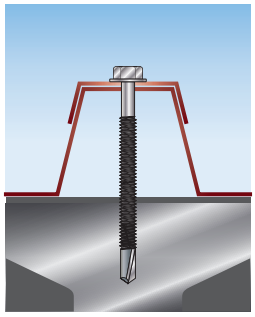
CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* S	Capacidad taladro *Drill capacity* *Capacité du percer* m.m.	t_{fix} (1) m.m.	B m.m.	K m.m.	P m.m.	Z Nº5 m.m.	R(2) RPM	
TV5532	**5,5x32**	8	12	12	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	500
TV5538	**5,5x38**	8	12	18	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	500
TV5550	**5,5x50**	8	12	30	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	200
TV5560	**5,5x60**	8	12	40	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	200

(1) t_{fix}: Grosor máximo a fijar / *Maximum thickness to fix / Épaisseur maximale à fixer / Maximale Dicke zum Fixieren*
(2) R: La velocidad recomendada del atornillador es puramente indicativa. El uso de diferentes materiales en el sitio puede, por lo tanto, determinar valores distintos de los recomendados.
The recommended screwdriver speed is purely indicative. The use of different materials on site may therefore determine values other than those recommended.
La vitesse de tournevis recommandée est purement indicative. L'utilisation de matériaux différents sur le chantier peut donc déterminer des valeurs autres que celles préconisées.

INSTALACIÓN / *INSTALLATION*

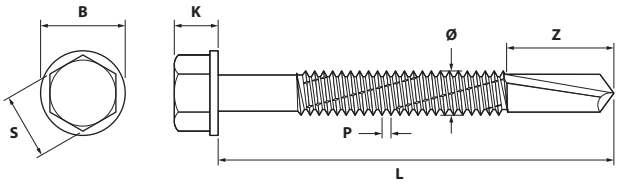


Tornillo diseñado para la instalación de cubiertas y similares en viga de acero. No requiere taladro previo.

Screw designed for the installation of covers and the like on steel beams. No pre-drilling required.

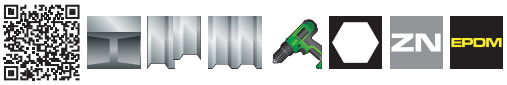
Vis conçue pour l'installation de couvertures et similaires sur des poutres en acier. Aucun pré-perçage requis.

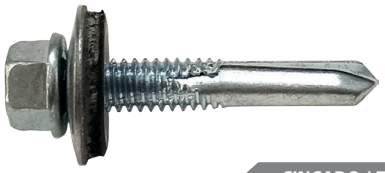
Schraube für die Montage von Abdeckungen und dergleichen an Stahlträgern. Kein Vorbohren erforderlich.



TLLO. VIGA AUTOPERFORANTE PUNTA BROCA Nº5 CINCADO + EPDM

SELF DRILLING SCREW POINT Nº5 ZINC PLATED + EPDM WASHER
VIS AUTOPERCEUSE POINTE Nº5 EN ACIER ZINGUÉ + RONDELLE EPDM
SECHSKANT-BOHRSCHRAUBE SPITZE Nº5 + SCHEIBE EPDM



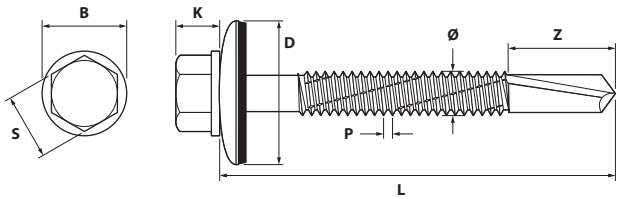


CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL/D m.m.	LLAVE *Wrench / Clé* S	Capacidad taladro *Drill capacity* *Capacité du percer* m.m.	t_{fix} (1) m.m.	B m.m.	K m.m.	P m.m.	Z Nº5 m.m.	R(2) RPM	
TVA553216	**5,5x32/Ø16**	8	12	12	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	500
TVA553816	**5,5x38/Ø16**	8	12	18	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	500
TVA555016	**5,5x50/Ø16**	8	12	30	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	200
TVA556016	**5,5x60/Ø16**	8	12	40	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	200
TVA553219	**5,5x32/Ø19**	8	12	12	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	200
TVA553819	**5,5x38/Ø19**	8	12	18	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	200
TVA555019	**5,5x50/Ø19**	8	12	30	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	200
TVA556019	**5,5x60/Ø19**	8	12	40	10 - 11	5,15 - 5,45	~1,06	14,1 - 14,9	2.000	200

(1) t_{fix}: Grosor máximo a fijar / *Maximum thickness to fix / Épaisseur maximale à fixer / Maximale Dicke zum Fixieren*
(2) R: La velocidad recomendada del atornillador es puramente indicativa. El uso de diferentes materiales en el sitio puede, por lo tanto, determinar valores distintos de los recomendados.
The recommended screwdriver speed is purely indicative. The use of different materials on site may therefore determine values other than those recommended.
La vitesse de tournevis recommandée est purement indicative. L'utilisation de matériaux différents sur le chantier peut donc déterminer des valeurs autres que celles préconisées.



TORNILLO AUTORROSCANTE PARA HORMIGÓN DE ACERO CEMENTADO

CONCRETE SELF-TAPPING SCREW - HARDENED STEEL
VIS AUTOTARAUDEUSE EN ACIER CÉMENTE POUR BÉTON
BETONBLECHSCHRAUBE EINSATZGEHÄRTET

CAJA / *BOX / BOÎTE*

ACERO CEMENTADO/ *HARD. STEEL*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* S	t_{fix} (1) m.m ≤	DK m.m.	K m.m.	t_{inst} Nm	hc(2) m.m.	
HO7665032	**6,5x32**	8	2	11,3	5	12	30	500
HO7665045	**6,5x45**	8	15	11,3	5	12	30	500
HO7665057	**6,5x57**	8	27	11,3	5	12	30	500
HO7665070	**6,5x70**	8	40	11,3	5	12	30	500
HO7665080	**6,5x80**	8	50	11,3	5	12	30	250
HO7665100	**6,5x100**	8	70	11,3	5	12	30	250
HO7665125	**6,5x125**	8	95	11,3	5	12	30	250

(1) t_{fix}: Grosor máximo a fijar / *Maximum thickness to fix / Épaisseur maximale à fixer*
(2) **hc:** Profundidad de instalación / *Installation depth*

TORNILLO AUTORROSCANTE PARA HORMIGÓN DE ACERO CEMENTADO + EPDM Ø19

CONCRETE SELF-TAPPING SCREW WITH EPDM WASHER - HARDENED STEEL
VIS AUTOTARAUDEUSE EN ACIER CÉMENTE POUR BÉTON AVEC RONDELLE EPDM
BETONBLECHSCHRAUBE EINSATZGEHÄRTET MIT SCHEIBE EPDM

CAJA / *BOX / BOÎTE*

ACERO CEMENTADO/ *HARD. STEEL*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	LLAVE *Wrench / Clé* S	t_{fix} (1) m.m ≤	DK m.m.	K m.m.	t_{inst} Nm	hc(2) m.m.	
HO76A1965032	**6,5x32**	8	2	11,3	5	12	30	1.000
HO76A1965045	**6,5x45**	8	15	11,3	5	12	30	500
HO76A1965057	**6,5x57**	8	27	11,3	5	12	30	500
HO76A1965070	**6,5x70**	8	40	11,3	5	12	30	500
HO76A1965080	**6,5x80**	8	50	11,3	5	12	30	250
HO76A1965100	**6,5x100**	8	70	11,3	5	12	30	250
HO76A1965125	**6,5x125**	8	95	11,3	5	12	30	250

(1) t_{fix}: Grosor máximo a fijar / *Maximum thickness to fix / Épaisseur maximale à fixer*
(2) **hc:** Profundidad de instalación / *Installation depth*

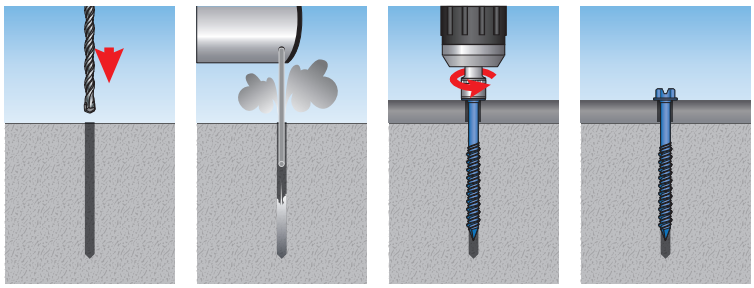
CARACTERÍSTICAS Y VENTAJAS

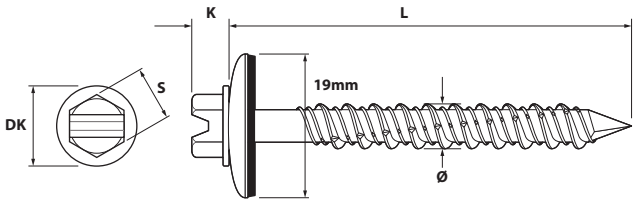
- Tornillo con cabeza hexagonal y ranura
- Punta de diamante
- Rosca especial high-low de 60º/40º estriada
- Se rosca directamente sobre hormigón, cemento, ladrillos y bloques huecos.
- Ahorra una operación al suprimir el taco.
- Colocación rápida y sencilla.
- Requiere taladro previo de 5mm.
- Permite la fijación cerca de las aristas.
- No afecta al prentensado de la viga de hormigón.
- Fijación desmontable y segura.
- Fijación de chapas simples y de paneles prefabricados sobre estructuras de hormigón.
- Recubrimiento azul anticorrosión que resiste 1.000 horas en C.N.S.

CHARACTERISTICS AND ADVANTAGES

- *Screw with hexagonal head and slot*
- *Diamond tip*
- *Special high-low 60º/40º grooved thread*
- *Threads directly into concrete, cement, bricks and hollow blocks.*
- *Saves an operation by suppressing the taco.*
- *Quick and easy placement.*
- *Requires previous drilling of 5mm.*
- *Allows fixing near the edges.*
- *Does not affect the prestressing of the concrete beam.*
- *Detachable and safe fixing.*
- *Fastening of simple plates and prefabricated panels on concrete structures.*
- *Blue anti-corrosion coating that resists 1,000 hours in S.F.C.*

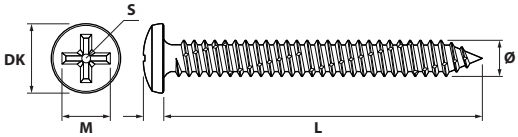
INSTALACIÓN / *INSTALLATION*





TORNILLO DIN 7981-C / ISO 7049 CINCADO

PAN HEAD SCREW DIN 7981 ZINC PLATED
VIS À TOLE TÊTE CYLINDRIQUE DIN 7981 EN ACIER ZINGUÉ
ZYLINDERKOPF-BLECHSCHRAUBE DIN 7981 VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7981Z** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø2,9**	**Ø3,5**	**Ø3,9**	**Ø4,2**	**Ø4,8**	**Ø5,5**	**Ø6,3**
6,5	2.000	1.000	1.000				
9,5	1.000	1.000	1.000	1.000	1.000		
13	1.000	1.000	1.000	1.000	1.000	1.000	500
16	1.000	1.000	1.000	1.000	1.000	1.000	500
19	1.000	1.000	1.000	1.000	500	500	500
22	1.000	1.000	1.000	1.000	500	500	500
25	1.000	1.000	1.000	1.000	500	500	500
32	1.000	500	500	500	500	500	200
38		500	500	500	500	200	200
45			500	500	200	200	200
50			500	500	200	200	200
60				500	200	200	200
70				500	200	200	200
80					200	200	100
90					100	100	100
100					100	100	50
110					100	100	
120					100	100	
							MEDIDAS / *Measures / Mesures*
DK	5,6	6,9	7,5	8,2	9,5	10,8	12,5
K max.	2,2	2,6	2,8	3,05	3,55	3,95	4,55
M	3	4,2	4,4	4,7	5,1	6,8	7,1
S (Phillips)	1	2	2	2	2	3	3

BLISTER — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7981Z35009	**3,5x9,5**	40	12
B7981Z35013	**3,5x13**	20	12
B7981Z35016	**3,5x16**	20	12
B7981Z35019	**3,5x19**	20	12
B7981Z39009	**3,9x9,5**	25	12
B7981Z39013	**3,9x13**	20	12
B7981Z39016	**3,9x16**	20	12
B7981Z39019	**3,9x19**	10	12
B7981Z39025	**3,9x25**	10	12
B7981Z42009	**4,2x9,5**	20	12
B7981Z42013	**4,2x13**	20	12
B7981Z42016	**4,2x16**	20	12
B7981Z42019	**4,2x19**	20	12
B7981Z42025	**4,2x25**	10	12
B7981Z42032	**4,2x32**	10	12

BLISTER — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7981Z42038	**4,2x38**	10	12
B7981Z42045	**4,2x45**	10	12
B7981Z42050	**4,2x50**	10	12
B7981Z48009	**4,8x9,5**	15	12
B7981Z48013	**4,8x13**	15	12
B7981Z48016	**4,8x16**	10	12
B7981Z48019	**4,8x19**	10	12
B7981Z48025	**4,8x25**	10	12
B7981Z48032	**4,8x32**	10	12
B7981Z48038	**4,8x38**	10	12
B7981Z48045	**4,8x45**	10	12
B7981Z48050	**4,8x50**	10	12
B7981Z48060	**4,8x60**	4	12
B7981Z48070	**4,8x70**	4	12
B7981Z48080	**4,8x80**	4	12

BLISTER — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7981Z48090	**4,8x90**	4	12
B7981Z48100	**4,8x100**	4	12
B7981Z55016	**5,5x16**	10	12
B7981Z55019	**5,5x19**	10	12
B7981Z55025	**5,5x25**	10	12
B7981Z55032	**5,5x32**	10	12
B7981Z55038	**5,5x38**	10	12
B7981Z55045	**5,5x45**	10	12
B7981Z55050	**5,5x50**	10	12
B7981Z55060	**5,5x60**	4	12
B7981Z55070	**5,5x70**	4	12
B7981Z55080	**5,5x80**	4	12
B7981Z55090	**5,5x90**	4	12
B7981Z55100	**5,5x100**	4	12

AUTOSERVICIO — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7981Z35009	**3,5x9,5**	250	12
BF7981Z35013	**3,5x13**	200	12
BF7981Z35016	**3,5x16**	200	12
BF7981Z35019	**3,5x19**	200	12
BF7981Z35025	**3,5x25**	200	12
BF7981Z39009	**3,9x9,5**	200	12
BF7981Z39013	**3,9x13**	200	12
BF7981Z39016	**3,9x16**	200	12
BF7981Z39019	**3,9x19**	150	12
BF7981Z39025	**3,9x25**	100	12
BF7981Z42013	**4,2x13**	200	12

AUTOSERVICIO — **CINCADO** / *ZINC PLATED*

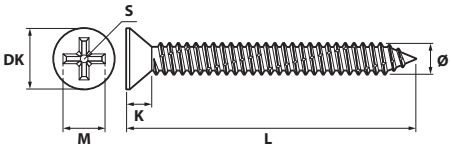
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7981Z42016	**4,2x16**	200	12
BF7981Z42019	**4,2x19**	150	12
BF7981Z42025	**4,2x25**	100	12
BF7981Z42032	**4,2x32**	100	12
BF7981Z42038	**4,2x38**	75	12
BF7981Z42050	**4,2x50**	50	12
BF7981Z48013	**4,8x13**	150	12
BF7981Z48016	**4,8x16**	100	12
BF7981Z48019	**4,8x19**	100	12
BF7981Z48025	**4,8x25**	100	12
BF7981Z48032	**4,8x32**	100	12

AUTOSERVICIO — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7981Z48038	**4,8x38**	100	12
BF7981Z48045	**4,8x45**	75	12
BF7981Z48050	**4,8x50**	50	12
BF7981Z48060	**4,8x60**	50	12
BF7981Z48070	**4,8x70**	40	12
BF7981Z48080	**4,8x80**	25	12
BF7981Z55019	**5,5x19**	100	12
BF7981Z55025	**5,5x25**	100	12
BF7981Z55032	**5,5x32**	100	12
BF7981Z55038	**5,5x38**	75	12

TORNILLO DIN 7982-C / ISO 7050 CINCADO

FLAT CSK HEAD SCREW DIN 7982 ZINC PLATED
VIS À TOLE TÊTE FRAISÉE DIN 7982 EN ACIER ZINGUÉ
SENKKOPF-BLECHSCHRAUBE DIN 7982 VERZINKT



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO / *Code / Code:* **7982Z** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø2,9**	**Ø3,5**	**Ø3,9**	**Ø4,2**	**Ø4,8**	**Ø5,5**	**Ø6,3**
6,5	2.000						
9,5	1.000	1.000	1.000	1.000	1.000		
13	1.000	1.000	1.000	1.000	1.000	1.000	
16	1.000	1.000	1.000	1.000	1.000	1.000	
19	1.000	1.000	1.000	1.000	500	500	500
22	1.000	1.000	1.000	1.000	500	500	
25	1.000	1.000	1.000	1.000	500	500	500
32		500	500	500	500	500	200
38		500	500	500	500	200	200
45			500	500	200	200	200
50				500	200	200	200
60				200	200	200	200
70					200	200	200
80						200	200
							MEDIDAS / *Measures / Mesures*
DK	5,5	6,8	7,5	8,1	9,5	10,8	12,4
K max.	1,7	2,1	2,3	2,5	3	3,4	3,8
M	3	4,2	4,6	4,7	5,1	6,8	7,1
S (Phillips)	1	2	2	2	2	3	3

BLISTER — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7982Z35009	**3,5x9,5**	40	12
B7982Z35013	**3,5x13**	20	12
B7982Z35019	**3,5x19**	20	12
B7982Z39009	**3,9x9,5**	25	12
B7982Z39013	**3,9x13**	20	12
B7982Z39016	**3,9x16**	20	12
B7982Z39019	**3,9x19**	20	12
B7982Z39025	**3,9x25**	10	12
B7982Z42009	**4,2x9,5**	20	12
B7982Z42013	**4,2x13**	20	12

BLISTER — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7982Z42019	**4,2x19**	20	12
B7982Z42025	**4,2x25**	10	12
B7982Z42032	**4,2x32**	10	12
B7982Z42038	**4,2x38**	10	12
B7982Z42050	**4,2x50**	10	12
B7982Z48013	**4,8x13**	15	12
B7982Z48016	**4,8x16**	10	12
B7982Z48019	**4,8x19**	10	12
B7982Z48025	**4,8x25**	10	12
B7982Z48032	**4,8x32**	10	12

BLISTER — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7982Z48038	**4,8x38**	10	12
B7982Z48045	**4,8x45**	10	12
B7982Z48050	**4,8x50**	10	12
B7982Z55016	**5,5x16**	10	12
B7982Z55019	**5,5x19**	10	12
B7982Z55025	**5,5x25**	10	12
B7982Z55032	**5,5x32**	10	12
B7982Z55038	**5,5x38**	10	12
B7982Z55050	**5,5x50**	5	12

AUTOSERVICIO — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7982Z35009	**3,5x9,5**	250	12
BF7982Z35013	**3,5x13**	200	12
BF7982Z35016	**3,5x16**	200	12
BF7982Z35019	**3,5x19**	200	12
BF7982Z35025	**3,5x25**	200	12
BF7982Z39016	**3,9x16**	200	12

AUTOSERVICIO — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7982Z39019	**3,9x19**	150	12
BF7982Z39025	**3,9x25**	100	12
BF7982Z42016	**4,2x16**	200	12
BF7982Z42019	**4,2x19**	150	12
BF7982Z42025	**4,2x25**	100	12
BF7982Z42032	**4,2x32**	100	12

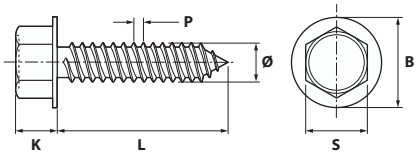
AUTOSERVICIO — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7982Z48019	**4,8x19**	100	12
BF7982Z48025	**4,8x25**	100	12
BF7982Z48032	**4,8x32**	100	12
BF7982Z55032	**5,5x32**	100	12
BF7982Z55038	**5,5x38**	75	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 6928-C CINCADO

ZINC PLATED SELF-TAPPING SCREW HEXAGONAL FLAT WASHER HEAD
VIS À TÔLE TÊTE HEXAGONALE À EMBASE EN ACIER ZINGUÉ
BLECHSCHRAUBEN SECHSKANT-FLANSCHKOPF



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

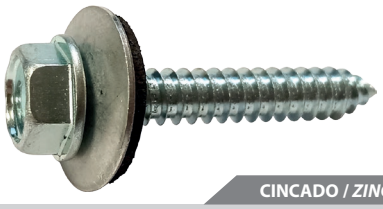
CÓDIGO / *Code / Code:* **6928C**

UNIDADES X CAJA / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø4,2**	**Ø4,8**	**Ø5,5**	**Ø6,3**
13	1.000	1.000		
16	1.000	1.000		
19	1.000	1.000	1.000	500
25		1.000	1.000	500
32				500
38				500
50				500
60				250
80				250
90				250
100				250
120				250
130				250
140				250
				MEDIDAS / *Measures / Mesures*
B min.	8,10	9,80	10,00	12,20
B max.	8,80	10,50	11,00	13,50
K min.	3,60	3,80	4,80	5,30
K max.	4,10	4,30	5,30	5,90
P	~1,40	~1,60	~1,80	~1,80
S (Hexagonal)	7	8	8	10

TORNILLO DIN 6928-C CINCADO + ARANDELA EPDM

ZINC PLATED SELF-TAPPING SCREW HEXAGONAL FLAT WASHER HEAD WITH EPDM WASHER
VIS À TÔLE TÊTE HEXAGONALE À EMBASE EN ACIER ZINGUÉ AVEC RONDELLE VULCANISÉ
BLECHSCHRAUBEN SECHSKANT-FLANSCHKOPF MIT SCHEIBE EPDM



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

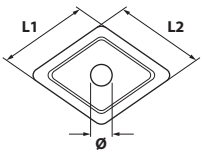
CÓDIGO / *Code / Code:* **6928CA**

UNIDADES X CAJA / *Units x box / Unités x boîte*

TORNILLO / *Screw / Vis*	**ARANDELA EPDM** / *EPDM washer / Rondelle Vulcanisé*	
ØxL (m.m.)	**Ø19**	**Ø25**
6,3x19	500	
6,3x25	500	500
6,3x32	500	
6,3x38	500	
6,3x50	500	

ARANDELA ROMBO CINCADA POLIETILENO EXPANDIDO

ZINC PLATED STEEL RHOMBOIDAL GASKET WITH PE FOAM
RONDELLE RHOMBOÏDALE EN ACIER ZINGUÉ AVEC GUARNITURE EN POLYETYLÈNE EXPANSÉ
VERZINKTE RHOMBUSFÖRMIGE SCHEIBE MIT SCHAUMSTOFFDICHTUNG



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

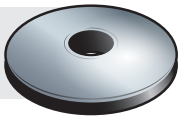
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **L1xL2** m.m.	**Ø** m.m.		
AR27	**27x27**	6,5	200	2.000
AR30	**30x30**	7	200	2.000
AR40	**40x40**	7	100	1.000

ARANDELA EPDM

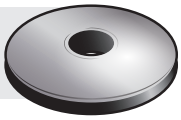
EPDM WASHER
RONDELLE AVEC GUARNITURE EN EPDM D'ÉTANCHÉITÉ
SCHEIBE MIT EPDM DICHTUNG

ZN A2 AL EPDM Tecfi Fixing Systems LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

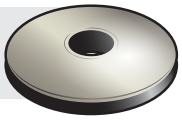
Acero Vulcanizado
Vulcanized steel
Acier vulcanisée
COD.: EPDM

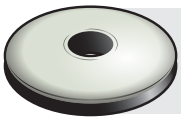


Acero Inox. A-2
S.Steel AISI 304
Acier Inox. A-2
COD.: EPDMA2

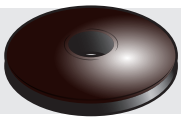


Aluminio
Aluminium
Aluminium
COD.: EPDMA

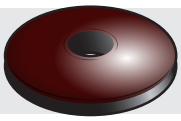




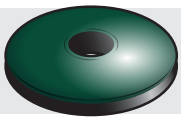
Blanco grisáceo
Grey white
Blanc-gris
RAL: 9002
COD.: DVGR



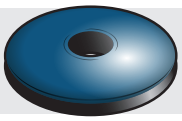
Marrón oscuro
Chocolate brown
Marron-foncée
RAL: 8017
COD.: DVMA



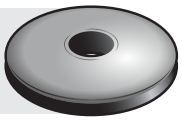
Rojo óxido
Oxide red
Rouge oxyde
RAL: 3009
COD.: DVOX



Verde musgo
Moss green
Vert mousse
RAL: 6005
COD.: DVVE



Azul genciana
Gentian blue
Bleu gentiane
RAL: 5010
COD.: DVAZ



Grís silver
White aluminium
Aluminium blanc
RAL: 9006
COD.: DVAL

CAJA / *BOX / BOÎTE*

UNIDADES X CAJA / *Units x box / Unités x boîte*

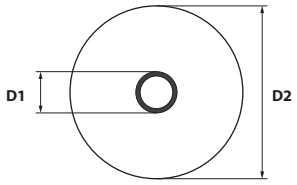
D1xD2 (m.m.)	**ACERO** / *STEEL*	**INOX. A-2** / *S.S. AISI 304*	**ALUMINIO** / *ALUMINIUM*	**COLOR** / *COLOR*
5,1x14	500	500		
5,1x16	500	500	500	500
6,1x16	500	500	500	
6,7x16	500	500	500	500
6,7x19	500	500	500	500
6,7x25	500	500	500	500
6,7x29	500		250	500*
8,5x19	500			
8,5x25	500			
10,3x25	500			

* Disponible para / *Available for / Disponible pour / Verfügbar für :* **DVAZ, DVGR, DVMA, DVOX.**

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **D1xD2** m.m.		
BFEPDM5114	**5,1x14**	100	12
BFEPDM6716	**6,7x16**	100	12
BFEPDM6719	**6,7x19**	80	12
BFEPDM6725	**6,7x25**	50	12

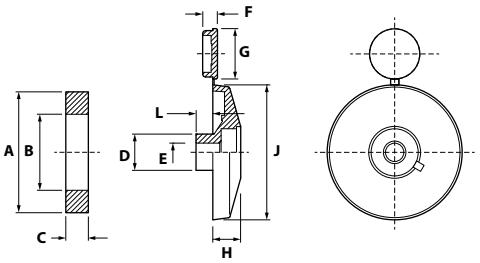


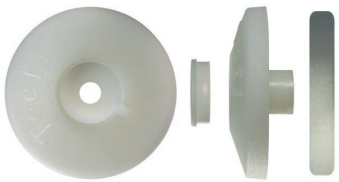
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

ARANDELA DE NYLON CON TAPÓN Y JUNTA DE ESTANQUEIDAD EN POLIETILENO EXPANDIDO

NYLON WASHER WITH CAP AND PE FOAM SEALING GASKET
RONDELLE AVEC CAPUCHON ET GUARNITURE EN POLYÉTHYLÈNE EXPANSÉ
NYLONSCHEIBE MIT KAPPE UND SCHAUMSTOFFDICHTUNG

NY EPE Tecfi Fixing Systems LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL





CAJA / *BOX / BOÎTE*

NYLON / ***NYLON***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **L** m.m.	**A** m.m.	**B** m.m.	**C** m.m.	**D** m.m.	**E** m.m.	**F** m.m.	**G** m.m.	**H** m.m.	**J** m.m.	
POLICAR06	**6**	43	27	8	13	6,5	5,5	18	10,5	49	200
POLICAR10	**10**	43	27	8	13	6,5	5,5	18	10,5	49	200
POLICAR16	**16**	43	27	8	13	6,5	5,5	18	10,5	49	200

ARANDELA EPDM PARAGUAS

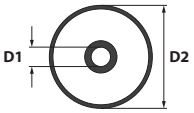
EPDM UMBRELLA GASKET ASSEMBLED WITH METAL WASHER
RONDELLE EN EPDM EN FORME DE PARAPLUIE AVEC RONDELLE MÉTALLIQUE
LINSENSCHEIBE AUS EPDM MIT STAHLSCHEIBE MONTIERT

ZN A2 AL EPDM Tecfi Fixing Systems LUSAN DISTRIBUIDOR OFICIAL

ACERO CINCADO
Zinc plated steel
Acier zingué
COD.: ANP

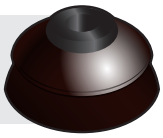
INOXIDABLE A-2
S.Steel AISI 304
Acier Inox. A-2
COD.: ANPA2

ALUMINIO
Aluminum
Aluminium
COD.: ANPA

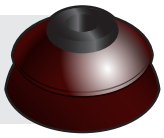


BLANCO GRISÁCEO
Grey white
Blanc-gris
RAL: 9002
COD.: ANPG

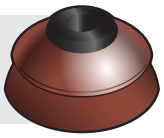
MARRÓN OSCURO
Chocolate brown
Marron-foncée
RAL: 8017
COD.: ANPM



ROJO ÓXIDO
Oxide red
Rouge oxyde
RAL: 3009
COD.: ANPO



ROJO TEJA
Brick red
Rouge-foncée
RAL: 8004
COD.: ANPT



CAJA / *BOX / BOÎTE*

UNIDADES X CAJA / *Units x box / Unités x boîte*

D1xD2 (m.m.)	**ACERO** / *STEEL*	**INOX. A-2** / *S.S. AISI 304*	**ALUMINIO** / *ALUMINIUM*	**COLOR** / *COLOR*
6x25	200	200	200	200

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CARACTERÍSTICAS Y VENTAJAS

- Versátil: Adecuado con tornillos de Ø5,5 a Ø6,5 mm
- Temperaturas de trabajo: -60ºC ÷ 120ºC
- Fácil de instalar
- Garantía: 100% fabricado en Europa con materias primas cualificadas

CHARACTERISTICS AND ADVANTAGES

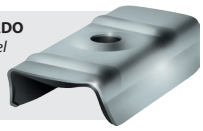
- *Versatile: Suitable with Ø5,5 to Ø6,5 mm screws*
- *Working temperatures: -60ºC ÷ 120ºC*
- *Easy to install*
- *Guarantee: 100% made in Europe with qualified raw materials*

ARANDELA GRECADA ACERO-POLIETILENO EXPANDIDO / GRECA SERIES 15, 20, 25, 30 Y 40

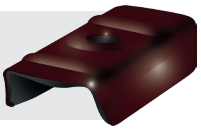
METAL CAP FOR ROOFING WITH POLYETHYLENE SEALING GASKET
CAVALIER AVEC GUARNITURE EN POLYÉTHYLÈNE EXPANSÉ
KALOTTE MIT SCHAUMSTOFFDICHTUNG

ZN EPE Tecfi Fixing Systems LUSAN DISTRIBUIDOR OFICIAL

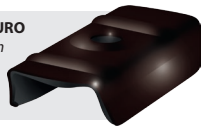
ACERO CINCADO
Zinc plated steel
Acier zingué
COD.: AEZN



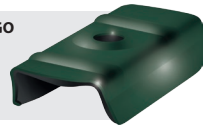
ROJO ÓXIDO
Oxide red
Rouge oxyde
RAL: 3009
COD.: AEOX



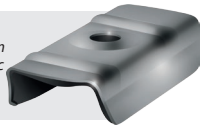
MARRÓN OSCURO
Chocolate brown
Marron-foncée
RAL: 8017
COD.: AEMA



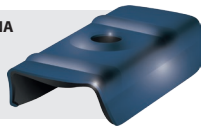
VERDE MUSGO
Moss green
Vert mousse
RAL: 6005
COD.: AEVE



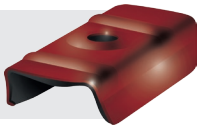
GRÍS SILVER
White aluminium
Aluminium blanc
RAL: 9006
COD.: AEGR



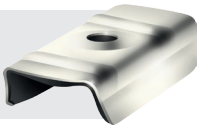
AZUL GENCIANA
Gentian blue
Bleu gentiane
RAL: 5010
COD.: AEAZ



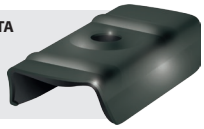
ROJO FUEGO
Fire red
Rouge feu
RAL: 3000
COD.: AEFU



BLANCO PURO
Pure white
Blanc pur
RAL: 9010
COD.: AEBL



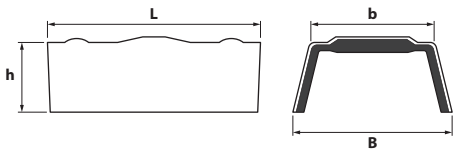
GRÍS ANTRACITA
Anthracite grey
Gris anthracite
RAL: 7016
COD.: AEAN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

MEDIDA *Measure / Mesure*	**B** m.m.	**b** m.m.	**L** m.m.	**h** m.m.	**Ø** m.m.	
15	26	18	50	16	6,5	500
20	36	22	50	13	6,5	500
25	34	26	50	11	6,5	500
30	38	30	50	10	6,5	500
40	58	40	50	13	6,5	500



PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

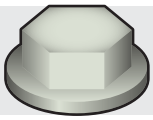
Los colores impresos aquí son aproximados, para solicitar muestras contacte con nosotros. / Printed colors here are approximate, to request samples contact us.
Les couleurs imprimées ici sont approximatives, pour commander des échantillons contactez-nous. / Die hier gedruckten Farben sind ungefähre Angaben, um Muster anzufordern, kontaktieren Sie uns.

TAPÓN ENVOLVENTE HEXAGONAL DE HDPE

HEXAGONAL HDPE CAP
CAPUCHON EN HDPE HEXAGONAL
SECHSKANTKAPPE AUS HDPE

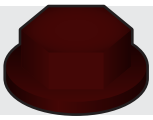
HDPE Tecfi Fixing Systems LUSAN fijaciones y anclajes DISTRIBUIDOR OFICIAL

BLANCO GRISÁCEO
Grey white
Blanc-gris
RAL: 9002
COD.: TEQG9002

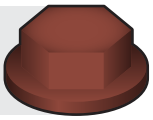


MARRÓN OSCURO
Chocolate brown
Marron-foncée
RAL: 8017
COD.: TEQM8017

ROJO ÓXIDO
Oxide red
Rouge oxyde
RAL: 3009
COD.: TEQR3009

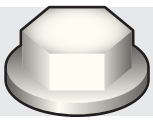


ROJO TEJA
Brick red
Rouge-foncée
RAL: 8004
COD.: TEQR8004

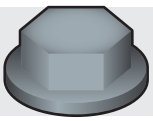


VERDE MUSGO
Moss green
Vert mousse
RAL: 6005
COD.: TEQV6005

BLANCO PURO
Pure white
Blanc pur
RAL: 9010
COD.: TEQB9010



GRIS VENTANA *
Window grey
Gris
RAL: 7040
COD.: TEQG7040

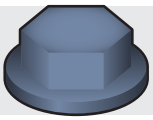


VERDE MENTA
Mint green
Vert menthe
RAL: 6029
COD.: TEQV6029

AZUL GENCIANA
Gentian blue
Bleu gentiane
RAL: 5010
COD.: TEQA5010

AZUL LUZ
Light blue
Bleu clair
RAL: 5012
COD.: TEQA5012

AZUL PALOMA
Pigeon blue
Bleu pigeon
RAL: 5014
COD.: TEQA5014



NEGRO
Black
Noir
RAL: 9005
COD.: TEQN

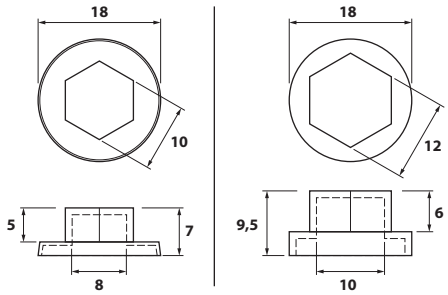
BOLSA / *BAG / SAC*

POLIETILENO / *POLYETHYLENE*

MEDIDA *Measure / Mesure* **S** m.m.	**Ø TORNILLO** *Screw Ø / Ø Vis* m.m.		
8	4,8 - 5,5	200	5.000
10	6,3	200	5.000

* Ref.: TEQG7040 solo disponible en 10MM / *Ref.: TEQG7040 only available in 10MM*
Ref.: TEQG7040 uniquement disponible en 10MM

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG



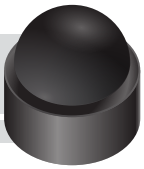
RECOMENDADO PARA TORNILLO DIN 7504K Y SIMILARES / *RECOMMENDED FOR SCREW DIN 7504K AND SIMILAR / RECOMMANDÉ POUR VIS DIN 7504K ET SIMILAIRES / EMPFOHLEN FÜR SCHRAUBE DIN 7504K UND ÄHNLICHES*

TAPÓN DE PLÁSTICO PARA TUERCAS Y TORNILLOS HEXAGONALES

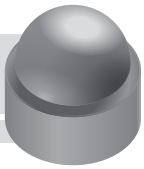
PLASTIC CUP
CAPUCHON EN PASTIQUE
KAPPE AUS PLASTIK

NY

NEGRO
Black
Noir
COD.: TAPONN



GRIS
Grey
Gris
COD.: TAPONG

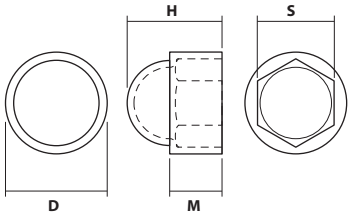


BLANCO
White
Blanc
COD.: TAPONB

CAJA / *BOX / BOÎTE*

NYLON / *NYLON*

MEDIDA *Measure / Mesure*	**M** m.m.	**S** m.m.	**H** m.m.	**D** m.m.	
M5	5	8	9,5	10,9	500
M6	6	10	13	12,9	200
M8	7,5	13	15	16,8	200
M10	9	17	19,5	21,3	100
M12	11	19	21,5	23,6	100
M16	14	24	27	29,8	50

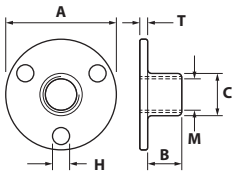


PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TUERCA CINCADA PARA ATORNILLAR EN MADERA

ZINC PLATED NUT FOR SCREW IN WOOD
ÉCROU EN ACIER ZINGUÉ POUR VIS À BOIS
MUTTER VERZINKT FÜR EINSCHRAUBEN AUF HOLZ

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	A m.m.	B m.m.	C m.m.	H m.m.	T m.m.	Tornillo recomendado * *Recommended Screw* *Vis recommandé* m.m.	
TCMZ10	**M10**	25,4	11,1	11,5	3,7	1,6	**DIN 7505B ZN - Ø3,5x16**	200

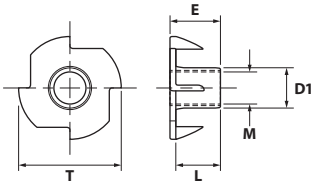
*

REF.: 7505BZ - PAG. 86

TUERCA CINCADA PARA CLAVAR EN MADERA DIN 6919

ZINC PLATED NUT FOR NAIL IN WOOD DIN 6919
ÉCROU EN ACIER ZINGUÉ POUR CLOUER À BOIS DIN 6919
MUTTER VERZINKT FÜR ZUNAGELN AUF HOLZ DIN 6919

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	D1 m.m.	E m.m.	L m.m.	T m.m.	
TCLZ05	**M 5**	6	8	8	18	200
TCLZ06	**M 6**	7,5	9	8	19	200
TCLZ08	**M 8**	9	11	10	22	200
TCLZ10	**M10**	11	12,5	11	25,5	200

MALETÍN SURTIDO HOGAR

ASSORTMENT BRIEFCASE HOME
MALLETTE ASSORTIMENT FOYER
HANDKOFFER SORTIERT ZUHAUSE

NY ZA BC ZN

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MAGA**

REF.: TN MEDIDA *Measure* m.m.		REF.: GTX MEDIDA *Measure* m.m.		REF.: 571Z MEDIDA *Measure* m.m.	
6x30	50	**5x25**	50	**5x45**	25
8x40	25	**6x30**	25		

REF.: CCZ MEDIDA *Measure* m.m.		REF.: CAZ MEDIDA *Measure* m.m.		REF.: AZ MEDIDA *Measure* m.m.		REF.: 7505AB MEDIDA *Measure* m.m.		REF.: TPA - TPN - TPZ MEDIDA *Measure* m.m.	
14x30	100	**17x40**	100	**17x35**	100	**4,5x30**	100	**TPA 8x38**	15
17x35	50	**18x50**	50	**18x50**	50	**4,5x35**	50	**TPN 37**	25
18x40	50	**19x60**	25	**19x60**	40	**5x50**	25	**TPZ 37**	25
19x50	25								

MALETÍN ANILLA DE SEGURIDAD DIN 471-E

DIN 471-E CASE
MALLETTE DE DIN 471-E
DIN 471-E KOFFER

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M471**

MEDIDA *Measure / Mesure* Ø m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
Ø5	200	Ø19	50
Ø8	200	Ø20	50
Ø9	200	Ø21	50
Ø10	200	Ø22	20
Ø11	200	Ø24	20
Ø12	100	Ø25	20
Ø13	100	Ø28	20
Ø14	100	Ø30	20
Ø15	100	Ø35	10
Ø16	100	Ø38	10
Ø17	50	Ø40	10
Ø18	50		

MALETÍN ANILLA DE SEGURIDAD DIN 472-I

DIN 472-I CASE
MALLETTE DE DIN 472-I
DIN 472-I KOFFER

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M472**

MEDIDA *Measure / Mesure* Ø m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
Ø8	200	Ø21	50
Ø9	200	Ø22	50
Ø10	200	Ø24	50
Ø12	200	Ø26	50
Ø13	200	Ø28	20
Ø14	100	Ø30	20
Ø15	100	Ø32	20
Ø16	100	Ø35	20
Ø17	100	Ø40	20
Ø19	100	Ø42	10
Ø20	50		

MALETÍN PASADOR ELÁSTICO DIN 1481

DIN 1481 CASE
MALLETTE DE DIN 1481
DIN 1481 KOFFER

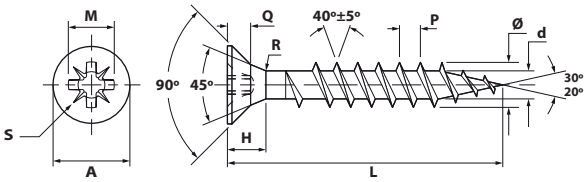
MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M1481**

MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
Ø2x10	400	Ø5x20	50
Ø2x24	400	Ø5x30	50
Ø3x 8	200	Ø5x50	50
Ø3x12	200	Ø6x12	50
Ø3x20	200	Ø6x24	50
Ø3x50	100	Ø6x40	50
Ø4x12	100	Ø8x20	20
Ø4x20	100	Ø8x36	20
Ø4x26	100	Ø8x60	20
Ø4x40	100	Ø10x40	15
Ø5x10	50		

TORNILLO DIN 7505-A INOXIDABLE A-2 PZ

CHIPBOARD SCREW PZ STAINLESS STEEL AISI 304
VIS À BOIS PZ EN ACIER INOX A-2
SENKKOPF-SPANPLATTENSCHRAUBE - EDELSTAHL A-2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO / *Code / Code:* **7505AA2** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø3**	**Ø3,5**	**Ø4**	**Ø4,5**	**Ø5**	**Ø6**
16	200	200	200	200		
20	200	200	200	200	200	
25	200	200	200	200	200	100
30	200	200	200	200	200	100
35	200	200	200	200	200	100
40	200	200	200	200	200	100
45	200	200	200	200	200	100
50	200	200	200	200	200	100
60			200	200	200	100
70			200	200	100	100
80			200	200	100	100
90					100	100
100					100	100
110						100
120						100
130						100
140						100
150						100
						MEDIDAS / *Measures / Mesures*
A	5,70 - 6,05	6,60 - 7,00	7,55 - 8,00	8,55 - 9,00	9,55 - 10,00	11,50 - 12,00
H ≈	3	3,5	4	4,5	5	6
d	1,50 - 1,90	1,75 - 2,15	2,05 - 2,50	2,22 - 2,70	2,52 - 3,00	3,22 - 3,70
P ≈	1,35	1,65	1,80	2,10	2,30	2,60
Q	1,60 - 2,11	1,76 - 2,16	2,05 - 2,51	2,46 - 3,02	2,99 - 3,55	2,99 - 3,55
M	3	4	4,4	4,8	5,3	6,6
S (PZ)	1	2	2	2	2	3
R max.	1,5	1,8	2,0	2,2	2,5	2,5

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7505A230016	**3x16**	150	12
BF7505A230020	**3x20**	150	12
BF7505A230025	**3x25**	100	12
BF7505A235020	**3,5x20**	100	12
BF7505A235025	**3,5x25**	100	12
BF7505A235030	**3,5x30**	100	12
BF7505A235035	**3,5x35**	100	12
BF7505A240020	**4x20**	100	12
BF7505A240025	**4x25**	100	12
BF7505A240030	**4x30**	100	12
BF7505A240035	**4x35**	100	12
BF7505A240040	**4x40**	100	12
BF7505A245030	**4,5x30**	100	12
BF7505A245035	**4,5x35**	100	12
BF7505A245040	**4,5x40**	100	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7505A245045	**4,5x45**	50	12
BF7505A250030	**5x30**	100	12
BF7505A250035	**5x35**	75	12
BF7505A250040	**5x40**	50	12
BF7505A250050	**5x50**	50	12
BF7505A250060	**5x60**	50	12
BF7505A250070	**5x70**	30	12
BF7505A250080	**5x80**	25	12
BF7505A250090	**5x90**	20	12
BF7505A260060	**6x60**	25	12
BF7505A260070	**6x70**	20	12
BF7505A260080	**6x80**	15	12
BF7505A260090	**6x90**	12	12
BF7505A260100	**6x100**	10	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 7505-A INOXIDABLE A-2 PZ

CHIPBOARD SCREW PZ STAINLESS STEEL AISI 304
VIS À BOIS PZ EN ACIER INOX A-2
SENKKOPF-SPANPLATTENSCHRAUBE - EDELSTAHL A-2

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
B7505AA230010	**3x10**	20	20
B7505AA230016	**3x16**	20	20
B7505AA230020	**3x20**	20	20
B7505AA230030	**3x30**	20	20
B7505AA235020	**3,5x20**	20	20
B7505AA235025	**3,5x25**	20	20
B7505AA235030	**3,5x30**	20	20
B7505AA235040	**3,5x40**	15	20
B7505AA240020	**4x20**	20	20
B7505AA240025	**4x25**	15	20
B7505AA240030	**4x30**	15	20
B7505AA240040	**4x40**	12	20
B7505AA240050	**4x50**	10	20
B7505AA245025	**4,5x25**	15	20
B7505AA245030	**4,5x30**	10	20

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
B7505AA245035	**4,5x35**	8	20
B7505AA245040	**4,5x40**	8	20
B7505AA245050	**4,5x50**	8	20
B7505AA245060	**4,5x60**	8	20
B7505AA250025	**5x25**	8	20
B7505AA250030	**5x30**	8	20
B7505AA250040	**5x40**	8	20
B7505AA250050	**5x50**	8	20
B7505AA250060	**5x60**	8	20
B7505AA260030	**6x30**	6	20
B7505AA260040	**6x40**	6	20
B7505AA260050	**6x50**	4	20
B7505AA260060	**6x60**	4	20
B7505AA260070	**6x70**	4	20
B7505AA260100	**6x100**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

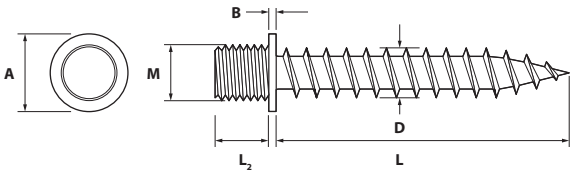
TORNILLO ABRAZADERA DOBLE ROSCA INOXIDABLE A-2

STAINLESS STEEL AISI 304 DOUBLE THREADED SCREW
VIS POUR COLLIER ET CRAMPON EN ACIER INOX A-2
VERBINDUNGSSCHRAUBE MIT DOPPELTEM GEWINDE - EDELSTAHL A-2

CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

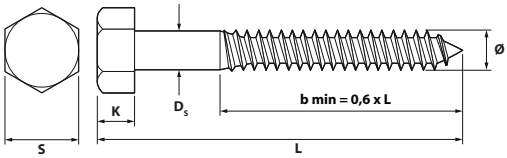
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	A Ø m.m.	B Ø m.m.	D Ø m.m.	L_2 Ø m.m.	
DRA2630	**6x30**	8÷8,2	0,9÷1,1	4,85÷5,15	5,8÷6,2	100
DRA2640	**6x40**	8÷8,2	0,9÷1,1	4,85÷5,15	5,8÷6,2	100
DRA2840	**8x40**	8,4÷8,6	1,3÷1,5	5,85÷6,15	7,3÷7,7	100

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG



TORNILLO BARRAQUERO DIN 571 INOXIDABLE A-2

HEXAGON WOOD SCREW - STAINLESS STEEL AISI 304
TIRAFOND À VISSER AVEC TÊTE HEXAGONALE EN ACIER INOX. A-2
SECHSKANT-HOLZSCHRAUBE - EDELSTAHL A-2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO / *Code / Code:* **571A2** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø5**	**Ø6**	**Ø7**	**Ø8**	**Ø10**	**Ø12**
30	200	200				
35	200	200				
40	200	200	100	100		
45	200	200		100		
50	200	200	100	100	50	50
60	100	100	100	100	50	50
70		100	100	100	50	50
80		100	100	100	50	50
90		100	100	50	50	50
100		100	100	50	50	50
110			100	50	50	50
120				50	50	50
130					50	50
140					50	50
150					50	50
160					50	25
						MEDIDAS / *Measures / Mesures*
D_s min.	4,52	5,52	6,42	7,42	9,42	11,3
S (Hexagonal)	8	10	12	13	17	19
K	3,5	4	5	5,5	7	8

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF571A206040	**6x40**	25	12
BF571A206050	**6x50**	25	12
BF571A206060	**6x60**	25	12
BF571A206070	**6x70**	15	12
BF571A206080	**6x80**	15	12
BF571A208050	**8x50**	15	12
BF571A208060	**8x60**	15	12
BF571A208070	**8x70**	10	12
BF571A208080	**8x80**	10	12
BF571A208090	**8x90**	10	12
BF571A208100	**8x100**	10	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

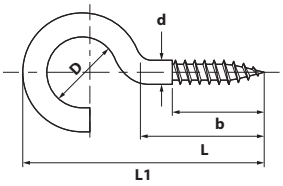
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B571A205030	**5x30**	4	20
B571A205040	**5x40**	4	20
B571A205050	**5x50**	4	20
B571A206030	**6x30**	4	20
B571A206040	**6x40**	4	20
B571A206050	**6x50**	4	20
B571A206060	**6x60**	4	20
B571A206070	**6x70**	4	20
B571A208040	**8x40**	2	20
B571A208050	**8x50**	2	20
B571A208060	**8x60**	2	20
B571A208080	**8x80**	2	20
B571A210070	**10x70**	2	20
B571A210080	**10x80**	2	20
B571A210100	**10x100**	2	20

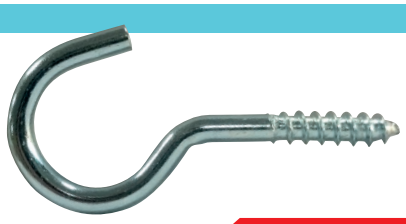
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CÁNCAMO ABIERTO INOXIDABLE A-2

STAINLESS STEEL AISI 304 HOOK WOOD SCREW
VIS CROCHER ROND À BOIS EN ACIER INOX. A-2
HOLZSCHRAUBE MIT RUNDHAKEN - EDELSTAHL A-2

A2





CAJA / *BOX / BOÎTE*

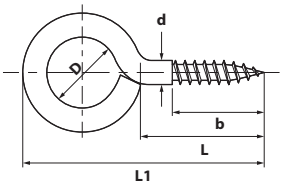
INOX. A-2 / *S.S. AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* dxL m.m.	L1 m.m.	D m.m.	b m.m.	
CAA225010	**2,5x10**	23	8	6	200
CAA225012	**2,5x12**	25	8	7	200
CAA230016	**3x16**	32	10	10	200
CAA235020	**3,5x20**	43	16	12	200
CAA232025	**3,5x25**	48	16	15	100
CAA240030	**4x30**	54	16	18	100
CAA245030	**5x30**	59	20	15	100
CAAS50035	**5x35**	70	25	18	100
CAA250040	**5x40**	75	25	25	100
CAA260060	**6x60**	101	29	30	100

CÁNCAMO CERRADO INOXIDABLE A-2

STAINLESS STEEL AISI 304 EYE WOOD SCREW
VIS OEILLET À BOIS EN ACIER INOX. A-2
HOLZ-AUGENSCHRAUBE - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE*

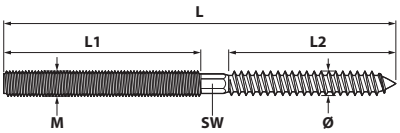
INOX. A-2 / *S.S. AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* dxL m.m.	L1 m.m.	D m.m.	b m.m.	
CCA225010	**2,5x10**	20	5	6	200
CCA230016	**3x16**	28	6	10	200
CCA230020	**3x20**	32	6	10	200
CCA235020	**3,5x20**	36	9	12	200
CCA240025	**4x25**	43	10	15	100
CCA240030	**4x30**	50	12	18	100
CCA250040	**5x40**	64	14	24	100
CCA250060	**5x60**	86	16	30	100
CCA260060	**6x60**	90	18	35	100
CCA260080	**6x80**	110	18	42	50
CCA260100	**6x100**	130	18	42	50

ESPÁRRAGO DOBLE ROSCA INOXIDABLE A-2

STAINLESS STEEL AISI 304 DOWEL THREAD SCREW
VIS COMBI AVEC SECTION HEXAGONAL EN ACIER INOX. A-2
SCHRAUBE MIT DOPPELTEM GEWINDE - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE*

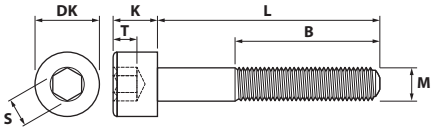
INOX. A-2 / *S.S. AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	Ø m.m.	L1 m.m.	L2 m.m.	
EDRA208050	**8x50**	7	20	27	100
EDRA208060	**8x60**	7	20	37	100
EDRA210100	**10x100**	9	30	57	50

TORNILLO DIN 912 / ISO 4762 INOXIDABLE A-2

CYLINDER HEAD HEXAGONAL RECESS SCREW DIN 912 STAINLESS STEEL AISI 304
VIS FILETAGE MÉTRIQUE TÊTE CYLINDRIQUE À SIX PANS CREUX DIN 912 EN ACIER INOX. A-2
ZYLINDERSCHRAUBE MIT INNENSECHSKANT DIN 912 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO / *Code / Code:* **912A2** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20
6	200									
8	200	200	200	200						
10	200	200	200	200	100					
12	200	200	200	200	100					
16	200	200	200	200	100	100				
20	200	200	200	200	100	100	100	50		
25	200	200	200	200	100	100	100	50	50	
30	200	200	200	200	100	100	100	50	50	
35	200	200	200	200	100	100	100	50	50	
40	200	200	200	200	100	100	50	50	50	25
45	200	200	200	100	100	50	50	50	50	25
50	200	200	200	100	100	50	50	50	50	25
60		200	200	100	100	50	50	50	25	25
70				100	100	50	50	50	25	25
80				100	100	50	50	25	25	25
90				100	50	50	50	25	25	25
100				100	50	50	50	25	25	25
110					50	50	25	25	25	10
120					50	50	25	25	25	10
130					50	50	25	25	25	10
140					50	50	25		10	10
150					50	50	25		10	10
										MEDIDAS / *Measures / Mesures*
B *	18,0	20,0	22,0	24,0	28,0	32,0	36,0	40,0	44,0	52,0
T min.	1,3	2,0	2,5	3,0	4,0	5,0	6,0	7,0	8,0	10,0
S (Allen)	2,5	3	4	5	6	8	10	12	14	17
K max.	3,0	4,0	5,0	6,0	8,0	10,0	12,0	14,0	16,0	20,0
DK	5,5	7,0	8,5	10,0	13,0	16,0	18,0	21,0	24,0	30,0

* Longitud constante de la rosca siempre que L sea mayor que B / Constant thread length as long as L is greater than B / Longueur constante du filetage tant que L est supérieur à B

Sobre la línea divisoria: Longitud de rosca = **L** — Above the dividing line: Thread length = L — Au-dessus de la ligne de séparation: Longueur du filetage = L

Bajo la línea divisoria: Longitud de rosca = **B** — Below the dividing line: Thread length = B — Au-dessous de la ligne de séparation: Longueur du filetage = B

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
BF912A204010	**4x10**	100	12
BF912A204016	**4x16**	100	12
BF912A204020	**4x20**	75	12
BF912A205010	**5x10**	100	12
BF912A205016	**5x16**	75	12
BF912A205020	**5x20**	75	12
BF912A205025	**5x25**	75	12
BF912A205030	**5x30**	75	12
BF912A206010	**6x10**	75	12
BF912A206016	**6x16**	75	12
BF912A206020	**6x20**	50	12
BF912A206025	**6x25**	50	12
BF912A206030	**6x30**	50	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

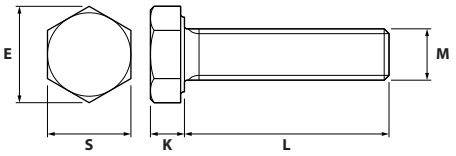
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
B912A205016	**5x16**	6	15
B912A205020	**5x20**	6	15
B912A205025	**5x25**	6	15
B912A205030	**5x30**	6	15
B912A205040	**5x40**	6	15
B912A206016	**6x16**	4	15
B912A206020	**6x20**	4	15
B912A206025	**6x25**	4	15
B912A206030	**6x30**	4	15
B912A206040	**6x40**	4	15
B912A208020	**8x20**	4	15
B912A208025	**8x25**	4	15
B912A208030	**8x30**	4	15
B912A208040	**8x40**	2	15
B912A208050	**8x50**	2	15
B912A208060	**8x60**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 933 / ISO 4017 INOXIDABLE A-2

HEXAGON HEAD SCREW DIN 933 - STAINLESS STEEL AISI 304
VIS TÊTE HEXAGONALE DIN 933 EN ACIER INOX. A-2
SECHSKANTSCHRAUBE DIN 933 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO / *Code / Code:* **933A2** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	**M5**	**M6**	**M8**	**M10***	**M12***	**M14***	**M16**	**M18**	**M20**
10	200	200	200						
12	200	200	200						
16	200	200	200	100					
20	200	200	200	100	100	50	50		
25	200	200	100	100	100	50	50		
30	200	200	100	100	100	50	50	25	25
35	200	200	100	100	100	50	50	25	25
40	200	200	100	100	50	50	50	25	25
45	200	100	100	100	50	50	50	25	25
50	200	100	100	100	50	50	25	25	25
60	200	100	100	50	50	50	25	25	25
70	200	100	100	50	50	50	25	25	25
80		100	100	50	50	50	25	25	25
90		100	100	50	50	50	25	25	25
100		100	100	50	50	25	25	25	25
110			50	50	25	25	25	25	10
120			50	50	25	25	25	25	10
130			50	50	25	25	25	25	10
140			50	50	25	25	25	25	10
150			50	50	25	25	25	25	10
									MEDIDAS / *Measures / Mesures*
K	3,5	4	5,3	6,4	7,5	8,8	10	11,5	12,5
E	8,79	11,05	14,38	18,9	21,1	24,49	26,75	30,14	33,53
S (Hexagonal)	8	10	13	17/16*	19/18*	22/21*	24	27	30
Paso / *Pitch*	0,8	1	1,25	1,5	1,75	2	2	2,5	2,5

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO / Messungen nach ISO-Norm **DIN/ISO**

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF933A204020	**4x20**	50	12
BF933A204030	**4x30**	50	12
BF933A205010	**5x10**	50	12
BF933A205020	**5x20**	50	12
BF933A205025	**5x25**	50	12
BF933A205030	**5x30**	50	12
BF933A206010	**6x10**	50	12
BF933A206016	**6x16**	50	12
BF933A206020	**6x20**	50	12
BF933A206025	**6x25**	50	12
BF933A206030	**6x30**	50	12
BF933A206040	**6x40**	25	12
BF933A206050	**6x50**	25	12
BF933A206060	**6x60**	25	12
BF933A208016	**8x16**	25	12
BF933A208020	**8x20**	25	12
BF933A208025	**8x25**	25	12
BF933A208030	**8x30**	25	12
BF933A208040	**8x40**	25	12
BF933A208050	**8x50**	10	12
BF933A208060	**8x60**	10	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
B933A205016	**5x16**	4	15
B933A205020	**5x20**	4	15
B933A205025	**5x25**	4	15
B933A205030	**5x30**	4	15
B933A205040	**5x40**	4	15
B933A206016	**6x16**	4	15
B933A206020	**6x20**	4	15
B933A206025	**6x25**	4	15
B933A206030	**6x30**	4	15
B933A206040	**6x40**	4	15
B933A208020	**8x20**	4	15
B933A208025	**8x25**	4	15
B933A208030	**8x30**	4	15
B933A208040	**8x40**	2	15
B933A208050	**8x50**	2	15
B933A208060	**8x60**	2	15

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN TLLO. DIN 933 / ISO 4017 INOXIDABLE A-2 / A-4

STAINLESS STEEL AISI 304 / 316 SCREW DIN 933 BRIEFCASE
MALLETTE AVEC VIS DIN 933 EN ACIER INOXIDABLE A-2 / A-4
HANDKOFFER AUS SCHRAUBE DIN 933 - EDELSTAHL A-2 / A-4

A2 A4

MALETÍN / *BRIEFCASE / MALLETTE*

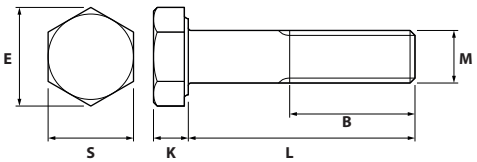
CÓDIGO / *Code / Code:* **M9332 / M9334**

MEDIDA *Measure / Mesure* MxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* MxL m.m.	CANTIDAD *Quantity / Quantité*
4x16	50	**8x25**	15
4x20	30	**8x30**	10
4x25	25	**8x40**	8
5x16	40	**8x60**	6
5x20	30	**8x80**	5
5x25	25	**10x20**	8
6x16	30	**10x30**	6
6x20	30	**10x40**	5
6x25	25	**10x70**	4
6x30	20	**10x100**	2
8x20	15		

TORNILLO DIN 931 / ISO 4014 INOXIDABLE A-2

HEXAGON HEAD SCREW DIN 931 - STAINLESS STEEL AISI 304
VIS TÊTE HEXAGONALE DIN 931 EN ACIER INOX. A-2
SECHSKANTSCHRAUBE DIN 931 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE*

INOX. A-2 / *S.S. AISI 304*

CÓDIGO / *Code / Code:* **931A2**

UNIDADES X CAJA / *Units x box / Unités x boîte*

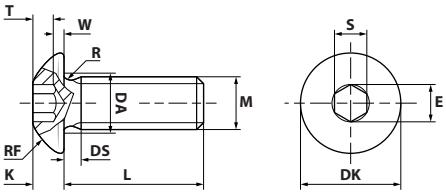
MxL (m.m.)	**M6**	**M8**	**M10***	**M12***	**M14***	**M16**	**M18**	**M20**
35	200							
40	200	100	100	50				
45	100	100	100	50				
50	100	100	100	50	50	25		
55	100	100	100	50	50	25		
60	100	100	50	50	50	25	25	25
70	100	100	50	50	50	25	25	25
80	100	100	50	50	50	25	25	25
90	100	100	50	50	50	25	25	25
100	100	50	50	50	25	25	25	25
110	100	50	50	25	25	25	25	10
120	100	50	50	25	25	25	25	10
130		50	50	25	25	25	25	10
140		50	50	25	25	25	25	10
150		50	50	25	25	25	25	10
								MEDIDAS / *Measures / Mesures*
K	4	5,3	6,4	7,5	8,8	10	11,5	12,5
E	11,05	14,38	18,9	21,1	24,49	26,75	30,14	33,53
S (Hexagonal)	10	13	17/16*	19/18*	22/21*	24	27	30
Paso / *Pitch*	1	1,25	1,5	1,75	2	2	2,5	2,5
B (L≤125)	18	22	26	30	34	38	42	46
B (125<L≤200)	24	28	32	36	40	44	48	52
B (L>200)	-	-	45	49	53	57	61	65

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO / Messungen nach ISO-Norm **DIN/ISO**

TORNILLO ISO 7380-1 / DIN 34805-1 INOXIDABLE A-2

HEXAGON SOCKET PANHEAD SCREW ISO 7380-1 STAINLESS STEEL AISI 304
VIS FILETAGE MÉTRIQUE TÊTE BOMBÉE À SIX PANS CREUX ISO 7380-1 EN ACIER INOX. A-2
RUNDKOPFSCHRAUBE MIT INNENSECHSKANT ISO 7380-1 EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE*

INOX. A-2 / *S.S. AISI 304*

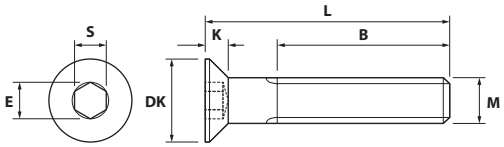
CÓDIGO / *Code / Code:* **7380A2** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

MxL (m.m.)	**M3**	**M4**	**M5**	**M6**	**M8**	**M10**
8	200	200	200			
10	200	200	200	200	100	
12	200	200	200	200	100	
16	200	200	200	200	100	
20	200	200	200	200	100	100
25	200	200	200	200	100	100
30	200	200	200	200	100	100
35		200	200	200	100	100
40		200	200	100	100	100
45			200	100	100	50
50			200	100	100	50
60				100	100	50
						MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,50	0,70	0,80	1,00	1,25	1,50
DS max.	1,50	2,10	2,40	3,00	3,75	4,50
DA max.	3,60	4,70	5,70	6,80	9,20	11,20
DK max.	5,70	7,60	9,50	10,50	14,00	17,50
DK min.	5,40	7,24	9,14	10,07	13,57	17,07
E min.	2,30	2,87	3,44	4,58	5,72	6,86
K max.	1,65	2,20	2,75	3,30	4,40	5,50
K min.	1,40	1,95	2,50	3,00	4,10	5,20
R min.	3,30	0,40	0,45	0,50	0,70	0,70
RF max.	3,70	4,60	5,75	6,15	7,95	9,80
RF min.	3,30	4,20	5,25	5,65	7,45	9,20
S (Allen)	2	2,5	3	4	5	6
T max.	1,45	1,65	2,12	2,56	3,05	3,75
T min.	1,04	1,30	1,56	2,08	2,60	3,12
W min.	0,20	0,30	0,38	0,74	1,05	1,45

TORNILLO DIN 7991 / ISO 10642 INOXIDABLE A-2

HEXAGON SOCKET COUNTERSUNK HEAD SCREW STAINLESS STEEL AISI 304
VIS FILETAGE MÉTRIQUE DIN 7991 EN ACIER INOX. A-2
SENKKOPFSCHRAUBE MIT INNENSECHSKANT DIN 7991 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE*

INOX. A-2 / *S.S. AISI 304*

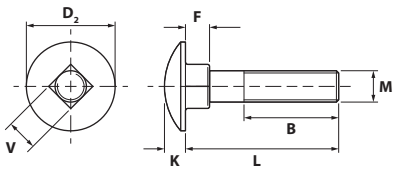
CÓDIGO / *Code / Code:* **7991A2** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

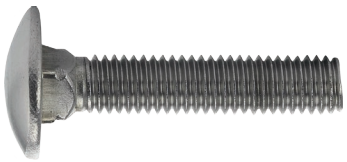
MxL (m.m.)	**M3**	**M4**	**M5**	**M6**	**M8**	**M10**	**M12**
6	200	200	200				
8	200	200	200				
10	200	200	200	200	200		
12	200	200	200	200	200		
16	200	200	200	200	100	100	100
20	200	200	200	200	100	100	100
25	200	200	200	200	100	100	100
30	200	200	200	200	100	100	100
35		200	200	200	100	100	50
40		200	200	200	100	100	50
45			200	100	100	100	50
50			200	100	100	50	50
60				100	100	50	50
70					50	50	50
80					50	50	50
							MEDIDAS / *Measures / Mesures*
DK	8,0	8,0	10,0	12,0	16,0	20,0	24,0
E	2,9	2,9	3,5	4,7	5,8	7,0	9,4
K	2,3	2,3	2,8	3,3	4,4	5,5	6,5
S (Allen)	2,5	2,5	3,0	4,0	5,0	6,0	8,0
B (L≤125)	14,0	14,0	16,0	18,0	22,0	26,0	30,0
B (L>125)	-	-	-	24,0	28,0	32,0	36,0

TORNILLO DIN 603 / ISO 8677 INOXIDABLE A-2

MUSHROOM HEAD SQUARE NECK BOLT DIN 603 - STAINLESS STEEL AISI 304
BOULON TÊTE BOMBÉE TIGE À COLLET CARRÉ DIN 603 EN ACIER INOX. A-2
FLACHRUNDKOPF-BOLZENSCHAFT MIT VIERKANT DIN 603 - EDELSTAHL A-2

A2





CAJA / *BOX / BOÎTE*

INOX. A-2 / *S.S. AISI 304*

CÓDIGO / *Code / Code:* **603A2**

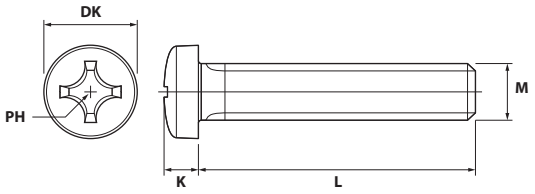
UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M5**	**M6**	**M8**	**M10**
16	200	200	100	
20	200	200	100	100
25	200	200	100	100
30	200	200	100	50
35	200	200	100	50
40	200	200	100	50
45		200	100	50
50		100	100	50
60		100	100	50
70		100	100	50
80		100	50	50
90			50	50
100			50	50
				MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,8	1	1,25	1,5
D_2 max.	13,55	16,55	20,65	24,65
K max.	3,3	3,88	4,88	5,38
F max.	4,1	4,6	5,6	6,6
V	5	6	8	10
B ≤ 125	16	18	22	26
B ≤200	-	-	28	32
B > 200	-	-	41	45

TORNILLO DIN 7985 / ISO 7045 INOXIDABLE A-2

SCREW DIN 7985 STAINLESS STEEL AISI 304
VIS FILETAGE MÉTRIQUE DIN 7985 EN ACIER INOX. A-2
ZYLINDERKOPFSCHRAUBE DIN 7985 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE*

INOX. A-2 / *S.S. AISI 304*

CÓDIGO / *Code / Code:* **7985A2**

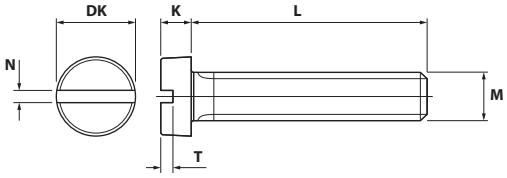
UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M3**	**M4**	**M5**	**M6**
6	200	200	200	
8	200	200	200	200
10	200	200	200	200
12	200	200	200	200
16	200	200	200	200
18	200	200		
20	200	200	200	200
25	200	200	200	200
30		200	200	200
35		200	200	200
40		200	200	200
45			200	200
50			200	200
				MEDIDAS / *Measures / Mesures*
DK max.	6	8	10	12
K	2,4	3,1	3,8	4,6
PH (Phillips)	1	2	2	3

TORNILLO DIN 84 / ISO 1207 INOXIDABLE A-2

SCREW DIN 84 STAINLESS STEEL AISI 304
VIS FILETAGE MÉTRIQUE DIN 84 EN ACIER INOX. A-2
ZYLINDERKOPFSCHRAUBE DIN 84 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE*

INOX. A-2 / *S.S. AISI 304*

CÓDIGO / *Code / Code:* **84A2**

UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M3**	**M4**	**M5**	**M6**	**M8**
6	200	200			
8	200	200	200	200	100
10	200	200	200	200	100
12	200	200	200	200	100
16	200	200	200	200	100
20	200	200	200	200	100
25	200	200	200	200	100
30	200	200	200	200	100
35	200	200	200	200	100
40	200	200	200	200	100
45		200	200	200	100
50			200	100	100
60				100	100
					MEDIDAS / *Measures / Mesures*
T min.	0,85	1,1	1,3	1,6	2,0
N	0,8	1,2	1,2	1,6	2,0
K	2,0	2,6	3,3	3,9	5,0
DK	5,5	7,0	8,5	10,0	13,0

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-2 / *S.S. AISI 304*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF84A204010	**4x10**	100	12
BF84A204016	**4x16**	100	12
BF84A204020	**4x20**	75	12
BF84A205010	**5x10**	100	12
BF84A205016	**5x16**	75	12
BF84A205020	**5x20**	75	12
BF84A205025	**5x25**	75	12
BF84A205030	**5x30**	75	12
BF84A206016	**6x16**	75	12
BF84A206020	**6x20**	50	12
BF84A206025	**6x25**	50	12
BF84A206030	**6x30**	50	12

BLISTER / *BLISTER / BLISTER*

INOX. A-2 / *S.S. AISI 304*

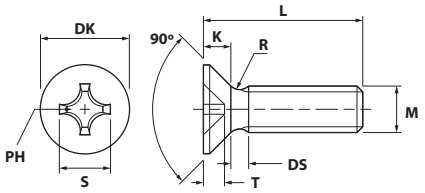
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
B84A203016	**3x16**	10	20
B84A203020	**3x20**	10	20
B84A203025	**3x25**	10	20
B84A203030	**3x30**	10	20
B84A204016	**4x16**	6	20
B84A204020	**4x20**	6	20
B84A204025	**4x25**	6	20
B84A204030	**4x30**	6	20
B84A205020	**5x20**	6	20
B84A205025	**5x25**	6	20
B84A205030	**5x30**	6	20
B84A205040	**5x40**	6	20
B84A206020	**6x20**	6	20
B84A206025	**6x25**	6	20
B84A206030	**6x30**	6	20
B84A206040	**6x40**	4	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 965 / ISO 7046 INOXIDABLE A-2

SCREW DIN 965 STAINLESS STEEL AISI 304
VIS FILETAGE MÉTRIQUE DIN 965 EN ACIER INOX. A-2
SENKKOPFSCHRAUBE DIN 965 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE*

INOX. A-2 / *S.S. AISI 304*

CÓDIGO / *Code / Code:* **965A2**

UNIDADES X CAJA / *Units x box / Unités x boîte*

MxL (m.m.)	**M3**	**M4**	**M5**	**M6**	**M8**
6	200	200			
8	200	200	200		
10	200	200	200	200	
12	200	200	200	200	100
16	200	200	200	200	100
20	200	200	200	200	100
25	200	200	200	200	100
30	200	200	200	200	100
35		200	200	200	100
40		200	200	200	100
45		200	200		
50		200	200	100	100
60			200	100	100
					MEDIDAS / *Measures / Mesures*
Paso / *Pitch*	0,50	0,70	0,80	1,00	1,25
DS max.	1,00	1,40	1,60	2,00	2,50
B	19	22	25	28	34
DK max.	5,60	7,50	9,20	11,00	14,50
DK min.	5,30	7,14	8,84	10,57	14,07
K max.	1,65	2,20	2,50	3,00	4,00
R max.	0,80	1,00	1,30	1,60	2,00
S ≈	2,90	4,40	4,60	6,60	8,70
T max.	1,80	2,40	2,60	3,30	4,32
PH (Phillips)	1	2	2	3	4

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-2 / *S.S. AISI 304*

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF965A204010	**4x10**	100	12
BF965A204016	**4X16**	100	12
BF965A204020	**4x20**	75	12
BF965A205010	**5x10**	100	12
BF965A205016	**5X16**	75	12
BF965A205020	**5x20**	75	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-2 / *S.S. AISI 304*

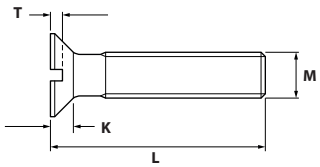
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
BF965A205025	**5x25**	75	12
BF965A206010	**6x10**	75	12
BF965A206016	**6x16**	75	12
BF965A206020	**6x20**	50	12
BF965A206025	**6x25**	50	12
BF965A206030	**6x30**	50	12

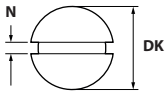
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 963 / ISO 2009 INOXIDABLE A-2

SCREW DIN 963 STAINLESS STEEL AISI 304
VIS FILETAGE MÉTRIQUE DIN 963 EN ACIER INOX. A-2
SENKKOPFSCHRAUBE DIN 963 - EDELSTAHL A-2

A2





INOX. A-2 / *S.S. AISI 304*

CÓDIGO / *Code / Code:* **963A2** — **MEDIDAS** / *Measures / Mesures*

M (m.m.)	**M3**	**M4**	**M5**	**M6**
T min.	0,60	0,80	1,00	1,20
N	0,80	1,00	1,20	1,60
K	1,65	2,20	2,50	3,00
DK	5,6	7,5	9,2	11,0

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
B963A203016	**3x16**	10	20
B963A203020	**3x20**	10	20
B963A203025	**3x25**	10	20
B963A203030	**3x30**	10	20
B963A204016	**4x16**	6	20
B963A204020	**4x20**	6	20
B963A204025	**4x25**	6	20
B963A204030	**4x30**	6	20

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

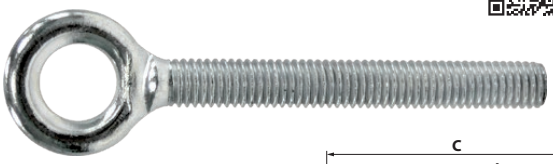
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.		
B963A205020	**5x20**	6	20
B963A205025	**5x25**	6	20
B963A205030	**5x30**	6	20
B963A205040	**5x40**	6	20
B963A206020	**6x20**	6	20
B963A206025	**6x25**	6	20
B963A206030	**6x30**	6	20
B963A206040	**6x40**	4	20

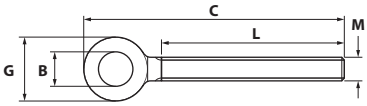
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

HEMBRILLLA CERRADA INOXIDABLE A-2

FORGED EYE THREAD STAINLESS STEEL AISI 304
PITON VIS À OEILLET FORGÉ EN ACIER INOX. A-2
GEPRESST-AUGENSCHRAUBE - EDELSTAHL A-2

A2





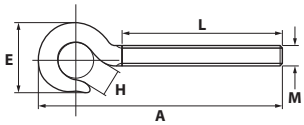
CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.	**C** m.m. (±1)	**B** m.m. (±1)	**G** m.m. (±1)	
HCA206050	**6x50**	74,5	10	20,5	150
HCA208070	**8x65**	92	11	22,5	100
HCA210076	**10x73**	114	14	32	50
HCA212094	**12x90**	134	16	35	50

HEMBRILLLA ABIERTA INOXIDABLE A-2

FORGED HOOK THREAD STAINLESS STEEL AISI 304
PITON VIS À OEILLET OUVERT FORGÉ ACIER INOX. A-2
VERZINKTE GEPRESST-RUNDHAKEN - EDELSTAHL A-2

A2



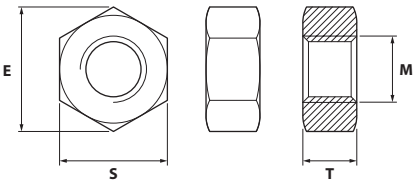
CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **MxL** m.m.	**A** m.m. (±1)	**E** m.m. (±1)	**H** m.m. (±1)	
HAA206050	**6x50**	78	21,5	7,5	150
HAA208070	**8x60**	98	27	9,5	100
HAA210076	**10x73**	117,5	33	12,5	50
HAA212090	**12x90**	148	42	16	50

TUERCA DIN 934 / ISO 4032 INOXIDABLE A-2

STAINLESS STEEL AISI 304 NUT DIN 934
ÉCROU DIN 934 EN ACIER INOXIDABLE A-2
MUTTERN DIN 934 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	S m.m.	E m.m.	T m.m.	
934A203	**M3**	5,5	6,01	2,4	1.000
934A204	**M4**	7	7,66	3,2	1.000
934A205	**M5**	8	8,79	4,0	1.000
934A206	**M6**	10	11,05	5,0	500
934A208	**M8**	13	14,38	6,5	200
934A210	**M10***	17/16*	18,90	8,0	200
934A212	**M12***	19/18*	21,10	10,0	100
934A214	**M14***	22/21*	24,49	11,0	100
934A216	**M16**	24	26,75	13,0	100
934A218	**M18**	27	29,56	15,0	50
934A220	**M20**	30	32,95	16,0	50
934A222	**M22***	32/34*	35,03	18,0	25
934A224	**M24**	36	39,55	19,0	25
934A227	**M27**	41	45,20	22,0	10
934A230	**M30**	46	50,85	24,0	10

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO Messungen nach ISO-Norm
DIN/ISO

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
B934A203	**M3**	15	20
B934A204	**M4**	10	20
B934A205	**M5**	8	20
B934A206	**M6**	8	20
B934A208	**M8**	6	20
B934A210	**M10**	4	20
B934A212	**M12**	2	20

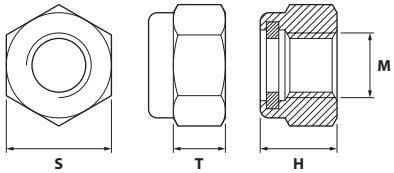
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BF934A204	**M4**	100	12
BF934A205	**M5**	100	12
BF934A206	**M6**	100	12
BF934A208	**M8**	50	12
BF934A210	**M10**	30	12
BF934A212	**M12**	20	12

TUERCA AUTOBLOCANTE DIN 985 / ISO 10511 INOXIDABLE A-2

STAINLESS STEEL AISI 304 HEXAGON LOCKNUTS WITH NYLON INSERT DIN 985
ECROUS HEXAGONAUX INDESSERABLES DIN 985 EN ACIER INOX. A-2
SICHERUNGSMUTTERN MIT KLEMMTEIL DIN 985 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	S m.m.	T min. m.m.	H max. m.m.	
985A203	**M3**	5,5	2,4	4,0	1.000
985A204	**M4**	7	2,9	5,0	1.000
985A205	**M5**	8	3,2	5,0	1.000
985A206	**M6**	10	4,0	6,0	500
985A208	**M8**	13	5,5	8,0	200
985A210	**M10***	17/16*	6,5	10,0	200
985A212	**M12***	19/18*	8,0	12,0	100
985A214	**M14***	22/21*	9,5	14,0	100
985A216	**M16**	24	10,5	16,0	100
985A218	**M18**	27	13,0	18,5	50
985A220	**M20**	30	14,0	20,0	50
985A222	**M22***	32/34*	15,0	22,0	25
985A224	**M24**	36	15,0	24,0	25

* Medidas según norma ISO / Measurements according to ISO standard / Mesures selon la norme ISO Messungen nach ISO-Norm
DIN/ISO

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
B985A203	**M3**	15	20
B985A204	**M4**	10	20
B985A205	**M5**	8	20
B985A206	**M6**	8	20
B985A208	**M8**	6	20
B985A210	**M10**	4	20
B985A212	**M12**	2	20

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

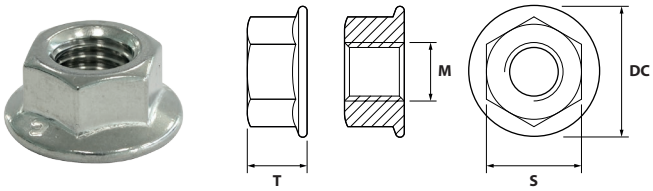
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BF985A204	**M4**	100	12
BF985A205	**M5**	100	12
BF985A206	**M6**	100	12
BF985A208	**M8**	50	12
BF985A210	**M10**	25	12
BF985A212	**M12**	15	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TUERCA CON VALONA DIN 6923 INOXIDABLE A-2

STAINLESS STEEL AISI 304 HEXAGON FLANGE NUTS WITH SERRATION DIN 6923
ÉCROU À EMBASE CRANTÉE DIN 6923 EN ACIER INOXIDABLE A-2
SECHSKANTMUTTERN MIT ZACKIGER FLANSCH DIN 6923 - EDELSTAHL A-2

A2



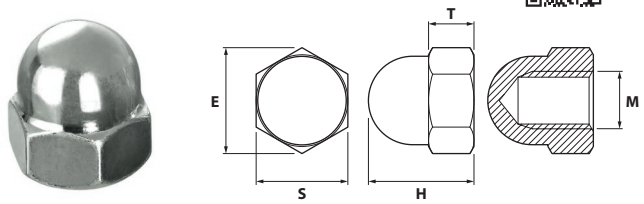
CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	S m.m.	DC max. m.m.	T max. m.m.	
6923A204	**M4**	7	10	4,65	1.000
6923A205	**M5**	8	11,8	5	1.000
6923A206	**M6**	10	14,2	6	500
6923A208	**M8**	13	17,9	8	200
6923A210	**M10**	15	21,8	10	200
6923A212	**M12**	18	26	12	100

TUERCA CIEGA DIN 1587 / ISO 4161 INOXIDABLE A-2

STAINLESS STEEL AISI 304 HEXAGON CAP NUTS DIN 1587
ÉCROU BORGNE DIN 1587 EN ACIER INOXIDABLE A-2
SECHSKANT HUTMUTTERN DIN 1587 - EDELSTAHL A-2

A2



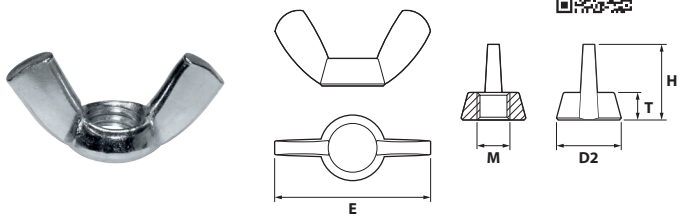
CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure* M m.m.	S m.m.	E m.m.	M_K max. m.m.	T max. m.m.	H m.m.	
1587A204	**M4**	7	7,66	6,5	3,2	8,0	1.000
1587A205	**M5**	8	8,79	7,5	4,0	10,0	1.000
1587A206	**M6**	10	11,05	9,5	5,0	12,0	500
1587A208	**M8**	13	14,38	12,5	6,5	15,0	200
1587A210	**M10**	17	18,90	16	8,0	18,0	200
1587A212	**M12**	19	21,10	18	10,0	22,0	100

TUERCA PALOMILLA DIN 315 INOXIDABLE A-2

STAINLESS STEEL AISI 304 WING NUT DIN 315
ECROUS A OREILLES DIN 315 EN ACIER INOXIDABLE A-2
FLÜGELMUTTERN DIN 315 - EDELSTAHL A-2

A2



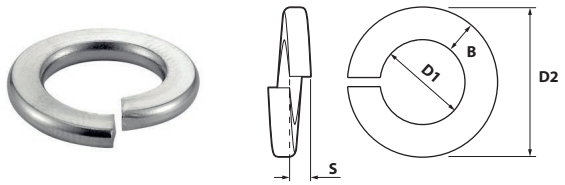
CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	E m.m.	D2 m.m.	H m.m.	T m.m.	
315A203	**M3**	17,6	7,8	8,6	2,9	500
315A204	**M4**	17,6	7,8	8,6	2,9	500
315A205	**M5**	22,0	9,5	10,5	4,0	200
315A206	**M6**	27,0	11,9	13,0	5,0	200
315A208	**M8**	30,3	13,5	14,8	5,4	100
315A210	**M10**	35,5	15,3	17,3	6,3	100
315A212	**M12**	47,5	20,5	22,1	8,0	50
315A214	**M14**	66,0	25,5	30,8	10,6	50
315A216	**M16**	66,0	25,5	30,8	10,6	25

ARANDELA MUELLE DIN 127-B INOXIDABLE A-2

STAINLESS STEEL AISI 304 SPRING LOCK WASHERS DIN 127
RONDELLES ELASTIQUES DIN 127 EN ACIER INOXIDABLE A-2
FEDERRINGE DIN 127 - EDELSTAHL A-2

A2



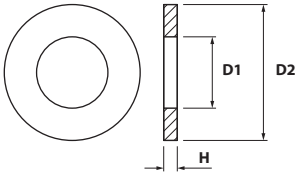
CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	D1 m.m.	D2 m.m.	B m.m.	S m.m.	
127A204	**M4**	4,1	7,6	1,5	0,9	1.000
127A205	**M5**	5,1	9,2	1,8	1,2	1.000
127A206	**M6**	6,1	11,8	2,5	1,6	1.000
127A208	**M8**	8,1	14,8	3,0	2,0	1.000
127A210	**M10**	10,2	18,1	3,5	2,2	500
127A212	**M12**	12,2	21,1	4,0	2,5	500
127A214	**M14**	14,2	24,1	4,5	3,0	200
127A216	**M16**	16,2	27,4	5,0	3,5	200
127A218	**M18**	18,2	29,4	5,0	3,5	200
127A220	**M20**	20,2	33,6	6,0	4,0	200

ARANDELA PLANA DIN 125-A / ISO 7089 INOXIDABLE A-2

STAINLESS STEEL AISI 304 PLAIN STAMPED WASHERS DIN 125
RONDELLES PLATES DECOUPEES DIN 125 EN ACIER INOXIDABLE A-2
UNTERLEGSCHEIBEN DIN 125 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	D1 m.m.	D2 m.m.	H m.m.	
125A204	**M4**	4,3	9,0	0,8	1.000
125A205	**M5**	5,3	10,0	1,0	500
125A206	**M6**	6,4	12,0	1,6	500
125A208	**M8**	8,4	16,0	1,6	500
125A210	**M10**	10,5	20,0	2,0	200
125A212	**M12**	13	24,0	2,5	200
125A214	**M14**	15	28,0	2,5	200
125A216	**M16**	17	30,0	3,0	50
125A218	**M18**	19	34,0	3,0	50
125A220	**M20**	21	37,0	3,0	50

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
B125A203	**M3**	20	20
B125A204	**M4**	20	20
B125A205	**M5**	10	20
B125A206	**M6**	8	20
B125A208	**M8**	6	20
B125A210	**M10**	4	20
B125A212	**M12**	4	20

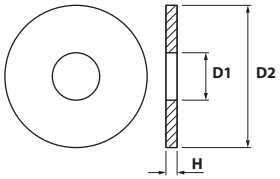
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BF125A204	**M4**	200	12
BF125A205	**M5**	150	12
BF125A206	**M6**	100	12
BF125A208	**M8**	75	12
BF125A210	**M10**	50	12
BF125A212	**M12**	40	12

ARANDELA ANCHA DIN 9021 / ISO 7093 INOXIDABLE A-2

STAINLESS STEEL AISI 304 LARGE PLAIN WASHERS DIN 9021
RONDELLES PLATES LARGES DIN 9021 EN ACIER INOXIDABLE A-2
UNTERLEGSCHEIBEN BREITE DIN 9021 - EDELSTAHL A-2

A2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	D1 m.m.	D2 max.* m.m.	H m.m.	
9021A204	**M4**	4,3	12,0	1,0	1.000
9021A205	**M5**	5,3	15,0	1,2	1.000
9021A206	**M6**	6,4	18,0	1,6	500
9021A208	**M8**	8,4	24,0	2,0	200
9021A210	**M10**	10,5	30,0	2,5	200
9021A212	**M12**	13	37,0	3,0	100
9021A214	**M14**	15	44,0	3,0	50
9021A216	**M16**	17	50,0	3,0	50
9021A218	**M18**	19	56,0	4,0	25
9021A220	**M20**	22	60,0	4,0	25

* Diámetro exterior = 3 x diámetro nominal de rosca
/ Washers with outside diameter = 3 x nominal thread diameter
/ Diamètre extérieur = 3 x diamètre nominal du filetage
/ Scheiben mit Außendurchmesser = 3 x Gewinde-Nenndurchmesser

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.		
B9021A203	**M3**	15	20
B9021A204	**M4**	10	20
B9021A205	**M5**	8	20
B9021A206	**M6**	6	20
B9021A208	**M8**	4	20
B9021A210	**M10**	2	20
B9021A212	**M12**	2	20

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BF9021A204	**M4**	100	12
BF9021A205	**M5**	100	12
BF9021A206	**M6**	100	12
BF9021A208	**M8**	50	12
BF9021A210	**M10**	25	12
BF9021A212	**M12**	10	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MALETÍN DE TUERCAS INOXIDABLES A-2 / A-4

STAINLESS STEEL AISI 304/316 NUTS BRIEFCASE
MALLETTE DE ÉCROUS EN ACIER INOXIDABLE A-2 / A-4
HANDKOFFER AUS MUTTERN - EDELSTAHL A-2 / A-4

A2 A4

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MTUA2 / MTUA4**

DIN 934 A2 / A4		DIN 985 A2 / A4		DIN 6923 A2 / A4	
MEDIDA *Measure* m.m.		**MEDIDA** *Measure* m.m.		**MEDIDA** *Measure* m.m.	
M3	100	**M4**	100	**M6**	50
M4	100	**M5**	100	**M8**	25
M5	100	**M6**	50	**M10**	12
M6	50	**M8**	25	**M12**	5
M8	25	**M10**	12		
M10	12	**M12**	7		
M12	7				
M14	5				
M16	5				
M20	5				

MALETÍN DE ARANDELAS INOXIDABLES A-2 / A-4

STAINLESS STEEL AISI 304/316 WASHERS BRIEFCASE
MALLETTE AVEC RONDELLES EN ACIER INOXIDABLE A-2 / A-4
HANDKOFFER AUS SCHEIBEN - EDELSTAHL A-2 / A-4

A2 A4

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MA2 / MA4**

DIN 125-A A2 / A4		DIN 9021 A2 / A4		DIN 127-B A2 / A4	
MEDIDA *Measure* m.m.		**MEDIDA** *Measure* m.m.		**MEDIDA** *Measure* m.m.	
M4	100	**M4**	100	**M4**	100
M5	100	**M5**	100	**M5**	100
M6	100	**M6**	50	**M6**	100
M8	100	**M8**	25	**M8**	100
M10	50	**M10**	12	**M10**	50
M12	50	**M12**	5	**M12**	50

VARILLA ROSCADA DIN 975 INOXIDABLE A-2

STAINLESS STEEL AISI 304 THREADED ROD DIN 975
TIGE FILETÉE DIN 975 EN ACIER INOXIDABLE A-2
GEWINDESTANGE DIN 975 - EDELSTAHL A-2

A2

CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	PASO *Pitch / Pas* m.m.	L m.m.	
975A203	**M3**	0,5	1.000	20
975A204	**M4**	0,7	1.000	20
975A205	**M5**	0,8	1.000	20
975A206	**M6**	1	1.000	20
975A208	**M8**	1,25	1.000	20
975A210	**M10**	1,5	1.000	20
975A212	**M12**	1,75	1.000	20
975A214	**M14**	2	1.000	10

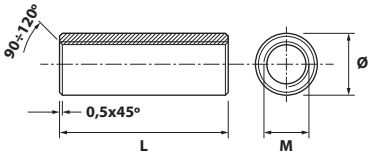
CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	PASO *Pitch / Pas* m.m.	L m.m.	
975A216	**M16**	2	1.000	10
975A218	**M18**	2,5	1.000	10
975A220	**M20**	2,5	1.000	5
975A222	**M22**	2,5	1.000	5
975A224	**M24**	3	1.000	5
975A227	**M27**	3	1.000	5
975A230	**M30**	3,5	1.000	5

MANGUITO SEPARADOR REDONDO INOXIDABLE A-2

STAINLESS STEEL AISI 304 ROUNDED STEEL COUPLING NUT
MANCHON CYLINDRÍQUE EN ACIER INOXIDABLE A-2
RUNDENÜBERWURFMUTTERN - EDELSTAHL A-2

ZN



CAJA / *BOX / BOÎTE*

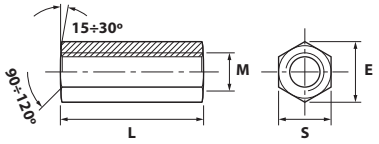
INOX. A-2 / *S.S. AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL / Ø m.m.	
MS206020	**6x20 / Ø10**	100
MS206030	**6x30 / Ø10**	100
MS208020	**8x20 / Ø11**	100
MS208030	**8x30 / Ø11**	100
MS210030	**10x30 / Ø13**	100

MANGUITO SEPARADOR HEXAGONAL INOXIDABLE A-2

STAINLESS STEEL AISI 304 HEXAGONAL STEEL COUPLING NUT
MANCHON HEXAGONAL EN ACIER INOXIDABLE A-2
SECHSKANTÜBERWURFMUTTERN - EDELSTAHL A-2

ZN



CAJA / *BOX / BOÎTE*

INOX. A-2 / *S.S. AISI 304*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL / S m.m.	E m.m	
MSE206030	**6x30 / 10**	11,5	100
MSE208030	**8x30 / 13**	15	100
MSE210030	**10x30 / 17**	19,6	100

MALETÍN TORNILLOS DIN 7981-C / ISO 7049 INOXIDABLE A-2

STAINLESS STEEL AISI 304 SCREW DIN 7981 BRIEFCASE
MALLETTE AVEC VIS DIN 7981 EN ACIER INOXIDABLE A-2
HANDKOFFER ZYLINDERKOPF-BLECHSCHRAUBE DIN 7981 - EDELSTAHL A-2

A2

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M7981A2**

MEDIDA *Measure / Mesure* MxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
3,5x6,5	200	**4,2x25**	50
3,5x9,5	200	**4,8x13**	100
3,5x13	200	**4,8x16**	100
3,9x13	200	**4,8x19**	50
3,9x16	150	**4,8x25**	50
3,9x19	100	**4,8x32**	50
3,9x25	100	**5,5x19**	40
4,2x13	100	**5,5x25**	40
4,2x16	100	**5,5x38**	40
4,2x19	100	**5,5x50**	30

MALETÍN TORNILLOS DIN 7982-C / ISO 7050 INOXIDABLE A-2

STAINLESS STEEL AISI 304 SCREW DIN 7982 BRIEFCASE
MALLETTE AVEC VIS DIN 7982 EN ACIER INOXIDABLE A-2
HANDKOFFER SENKKOPF-BLECHSCHRAUBE DIN 7982 - EDELSTAHL A-2

A2

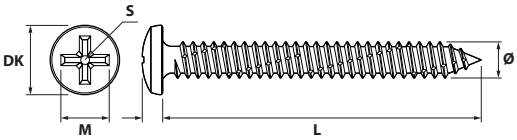
MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **M7982A2**

MEDIDA *Measure / Mesure* MxL m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* ØxL m.m.	CANTIDAD *Quantity / Quantité*
3,5x6,5	200	**4,2x25**	50
3,5x9,5	200	**4,8x13**	100
3,5x13	200	**4,8x16**	100
3,9x13	200	**4,8x19**	50
3,9x16	150	**4,8x25**	50
3,9x19	100	**4,8x32**	50
3,9x25	100	**5,5x19**	40
4,2x13	100	**5,5x25**	40
4,2x16	100	**5,5x38**	40
4,2x19	100	**5,5x50**	30

TORNILLO DIN 7981-C / ISO 7049 INOXIDABLE A-2

PAN HEAD SCREW DIN 7981 STAINLESS STEEL AISI 304
VIS À TOLE TÊTE CYLINDRIQUE DIN 7981 EN ACIER INOXIDABLE A-2
ZYLINDERKOPF-BLECHSCHRAUBE DIN 7981 EDELSTAHL A-2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO / *Code / Code:* **7981A2** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø2,9**	**Ø3,5**	**Ø3,9**	**Ø4,2**	**Ø4,8**	**Ø5,5**	**Ø6,3**
6,5	1.000	1.000	1.000				
9,5	1.000	1.000	1.000	1.000			
13	1.000	1.000	1.000	1.000	1.000	1.000	
16	1.000	1.000	1.000	1.000	1.000	1.000	500
19	1.000	1.000	1.000	1.000	1.000	1.000	500
22	1.000	1.000	1.000	1.000	1.000	1.000	500
25	1.000	1.000	1.000	1.000	500	500	200
32	1.000	1.000	1.000	500	500	500	200
38		1.000	500	500	500	500	200
45		500		500	200	200	200
50				200	200	200	200
60				200	200	100	200
70				200	200	100	100
80					200	100	100
90					100	100	100
100					100	100	100
							MEDIDAS / *Measures / Mesures*
DK	5,6	6,9	7,5	8,2	9,5	10,8	12,5
K max.	2,2	2,6	2,8	3,05	3,55	3,95	4,55
M	3	4,2	4,4	4,7	5,1	6,8	7,1
S (Phillips)	1	2	2	2	2	3	3

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7981A23509	**3,5x9,5**	100	12
BF7981A23513	**3,5x13**	100	12
BF7981A23516	**3,5x16**	100	12
BF7981A23519	**3,5x19**	100	12
BF7981A23525	**3,5x25**	100	12
BF7981A23919	**3,9x19**	100	12
BF7981A23925	**3,9x25**	100	12
BF7981A24216	**4,2x16**	100	12
BF7981A24219	**4,2x19**	100	12
BF7981A24225	**4,2x25**	100	12
BF7981A24232	**4,2x32**	100	12
BF7981A24819	**4,8x19**	100	12
BF7981A24825	**4,8x25**	100	12
BF7981A24832	**4,8x32**	100	12
BF7981A24838	**4,8x38**	50	12
BF7981A25532	**5,5x32**	50	12
BF7981A25538	**5,5x38**	50	12

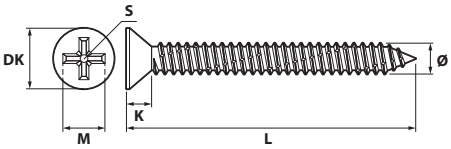
BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7981A23513	**3,5x13**	20	20
B7981A23516	**3,5x16**	20	20
B7981A23519	**3,5x19**	20	20
B7981A23913	**3,9x13**	20	20
B7981A23916	**3,9x16**	20	20
B7981A23919	**3,9x19**	20	20
B7981A23925	**3,9x25**	20	20
B7981A24225	**4,2x25**	10	20
B7981A24232	**4,2x32**	10	20
B7981A24238	**4,2x38**	10	20
B7981A24250	**4,2x50**	8	20
B7981A24825	**4,8x25**	10	20
B7981A24832	**4,8x32**	10	20
B7981A24838	**4,8x38**	10	20
B7981A24850	**4,8x50**	8	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TORNILLO DIN 7982-C / ISO 7050 INOXIDABLE A-2

FLAT CSK HEAD SCREW DIN 7982 STAINLESS STEEL AISI 304
VIS À TOLE TÊTE FRAISÉE DIN 7982 EN ACIER INOXIDABLE A-2
SENKKOPF-BLECHSCHRAUBE DIN 7982 - EDELSTAHL A-2



CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO / *Code / Code:* **7982A2** — **UNIDADES X CAJA** / *Units x box / Unités x boîte*

ØxL (m.m.)	**Ø2,9**	**Ø3,5**	**Ø3,9**	**Ø4,2**	**Ø4,8**	**Ø5,5**	**Ø6,3**
6,5	1.000	1.000					
9,5	1.000	1.000	1.000	1.000	1.000		
13	1.000	1.000	1.000	1.000	1.000	1.000	
16	1.000	1.000	1.000	1.000	1.000	1.000	500
19	1.000	1.000	1.000	1.000	1.000	1.000	500
22	1.000	1.000	1.000	1.000	1.000	1.000	500
25	1.000	1.000	1.000	1.000	500	500	200
32		1.000	1.000	500	500	500	200
38		1.000	500	500	500	500	200
45				500	200	200	200
50				200	200	200	200
60					200	200	200
70					200	100	100
							MEDIDAS / *Measures / Mesures*
DK	5,5	6,8	7,5	8,1	9,5	10,8	12,4
K max.	1,7	2,1	2,3	2,5	3	3,4	3,8
M	3	4,2	4,6	4,7	5,1	6,8	7,1
S (Phillips)	1	2	2	2	2	3	3

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
BF7982A23509	**3,5x9,5**	100	12
BF7982A23513	**3,5x13**	100	12
BF7982A23516	**3,5x16**	100	12
BF7982A23519	**3,5x19**	100	12
BF7982A23525	**3,5x25**	100	12
BF7982A23919	**3,9x19**	100	12
BF7982A23925	**3,9x25**	100	12
BF7982A24216	**4,2x16**	100	12
BF7982A24219	**4,2x19**	100	12
BF7982A24225	**4,2x25**	100	12
BF7982A24232	**4,2x32**	100	12
BF7982A24819	**4,8x19**	100	12
BF7982A24825	**4,8x25**	100	12
BF7982A24832	**4,8x32**	100	12
BF7982A24838	**4,8x38**	50	12
BF7982A25532	**5,5x32**	50	12
BF7982A25538	**5,5x38**	50	12

BLISTER / *BLISTER / BLISTER* — **INOX. A-2 / *S.S. AISI 304***

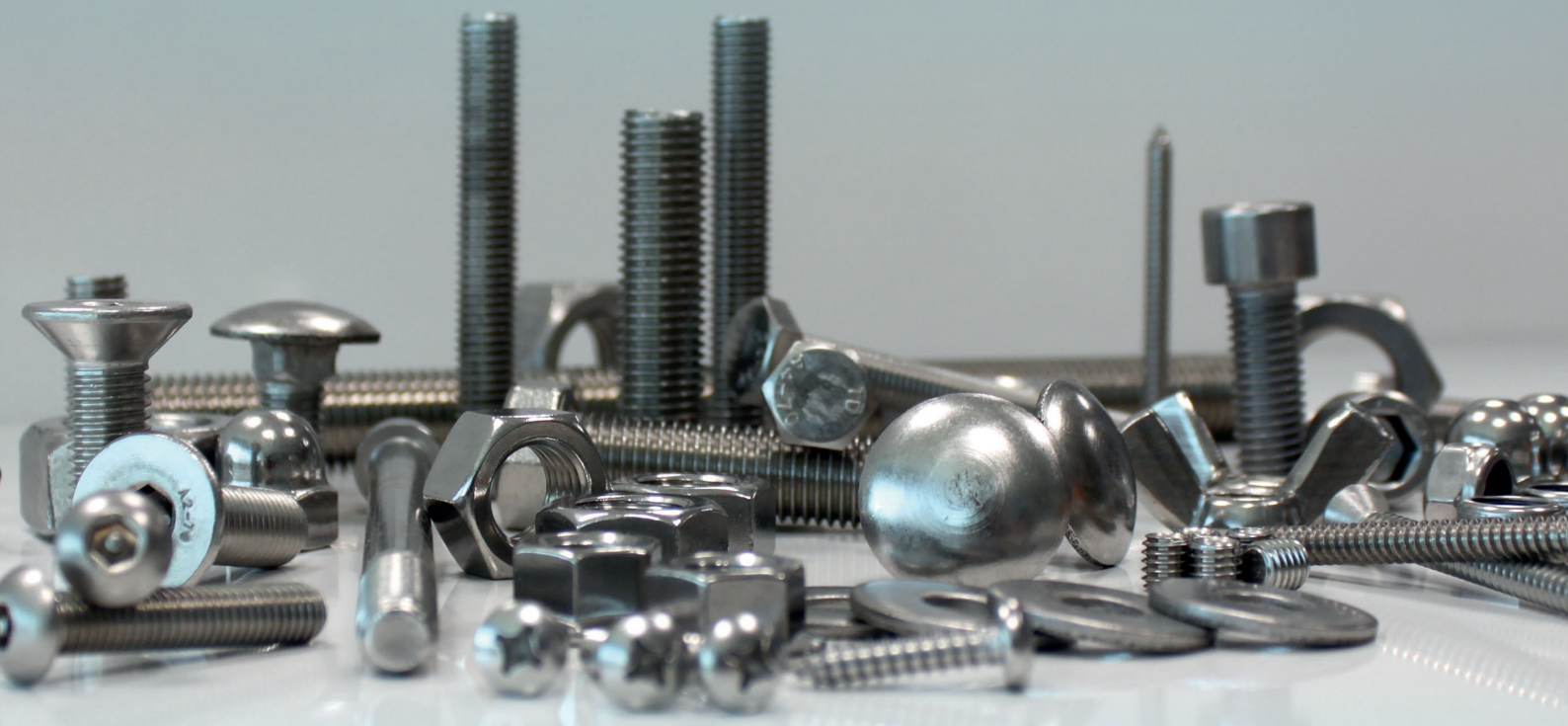
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.		
B7982A23513	**3,5x13**	20	20
B7982A23516	**3,5x16**	20	20
B7982A23519	**3,5x19**	20	20
B7982A23913	**3,9x13**	20	20
B7982A23916	**3,9x16**	20	20
B7982A23919	**3,9x19**	20	20
B7982A23925	**3,9x25**	20	20
B7982A24225	**4,2x25**	10	20
B7982A24232	**4,2x32**	10	20
B7982A24238	**4,2x38**	10	20
B7982A24250	**4,2x50**	8	20
B7982A24825	**4,8x25**	10	20
B7982A24832	**4,8x32**	10	20
B7982A24838	**4,8x38**	10	20
B7982A24850	**4,8x50**	8	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

LUSAN
fijaciones y anclajes

INOXIDABLE A4

– STAINLESS STEEL AISI 316 –



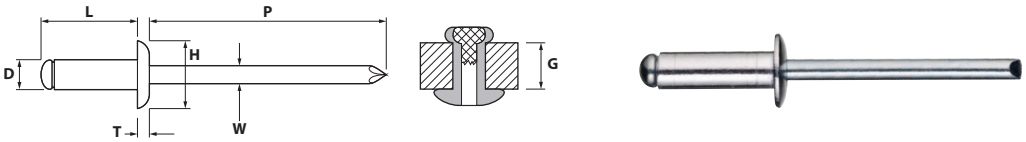
LUSAN SUMINISTRA TORNILLERÍA INOXIDABLE A4 BAJO PEDIDO CON LA MAYOR EFICACIA Y GARANTIZANDO LA MÁXIMA CALIDAD

LUSAN SUPPLIES STAINLESS STEEL AISI 316 SCREWS ON REQUEST WITH THE MOST EFFICIENCY AND GUARANTEEING THE MAXIMUM QUALITY

LUSAN FOURNIT VISSERIE INOXYDABLE A4 SUR COMMANDE DE LA MANIÈRE LA PLUS EFFICACE ET EN GARANTISSANT LA MEILLEURE QUALITÉ

REMACHE TUBULAR DIN 7337-B - ALUMINIO / ACERO

ALUMINUM / STEEL BLIND RIVET DIN 7337
RIVET TUBULAIRE DIN 7337 EN ALUMINIUM / ACIER
BLINDNIETE DIN 7337 AUS ALUMINIUM / STAHL



CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RESA2406	**2,4x 6**	0,5-3,0	500	10.000
RESA2408	**2,4x 8**	3,0-5,0	500	10.000
RESA3005	**3,0x 5**	0,5-2,0	500	10.000
RESA3006	**3,0x 6**	1,0-3,0	500	10.000
RESA3008	**3,0x 8**	3,0-5,0	500	10.000
RESA3010	**3,0x10**	5,0-7,0	500	10.000
RESA3012	**3,0x12**	7,0-9,0	500	10.000
RESA3206	**3,2x 6**	1,0-3,0	500	10.000
RESA3208	**3,2x 8**	3,0-5,0	500	10.000
RESA3210	**3,2x10**	5,0-7,0	500	10.000
RESA3212	**3,2x12**	7,0-9,0	500	10.000
RESA3215	**3,2x15**	10,0-12,0	500	10.000
RESA3218	**3,2x18**	13,0-15,0	500	10.000
RESA4006	**4,0x 6**	0,5-2,0	500	10.000
RESA4008	**4,0x 8**	2,0-4,0	500	10.000
RESA4010	**4,0x10**	4,0-6,0	500	10.000
RESA4012	**4,0x12**	6,0-8,0	500	10.000
RESA4014	**4,0x14**	8,0-10,0	500	10.000
RESA4016	**4,0x16**	10,0-12,0	500	10.000
RESA4018	**4,0x18**	12,0-14,0	500	10.000
RESA4020	**4,0x20**	14,0-16,0	500	10.000

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RESA4806	**4,8x 6**	0,5-1,5	500	10.000
RESA4808	**4,8x 8**	1,5-3,5	500	10.000
RESA4810	**4,8x10**	3,5-5,5	500	10.000
RESA4812	**4,8x12**	5,5-7,5	500	10.000
RESA4814	**4,8x14**	7,5-9,5	500	5.000
RESA4816	**4,8x16**	9,5-11,5	500	5.000
RESA4818	**4,8x18**	12,0-14,0	500	5.000
RESA4821	**4,8x21**	14,5-16,5	500	5.000
RESA4824	**4,8x24**	17,5-19,5	250	5.000
RESA4830	**4,8x30**	20,5-25,5	250	2.500
RESA6008	**6,0x8**	0,5-2,0	500	2.500
RESA6010	**6,0x10**	2,0-4,0	500	2.500
RESA6012	**6,0x12**	3,0-6,0	250	2.500
RESA6016	**6,0x16**	6,0-10,0	250	2.500
RESA6018	**6,0x18**	10,0-12,0	250	2.500
RESA6020	**6,0x20**	12,0-14,0	250	2.500
RESA6025	**6,0x25**	17,0-19,0	250	2.500
RESA6412	**6,4x12**	3,0-6,0	250	2.500
RESA6415	**6,4x15**	8,0-10,0	250	2.500
RESA6418	**6,4x18**	10,0-12,0	250	2.500

AUTOSERVICIO — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFRESA3208	**3,2x 8**	200	12
BFRESA3210	**3,2x10**	200	12
BFRESA4008	**4,0x 8**	200	12
BFRESA4010	**4,0x10**	200	12
BFRESA4012	**4,0x12**	150	12
BFRESA4016	**4,0x16**	150	12
BFRESA4810	**4,8x10**	150	12
BFRESA4812	**4,8x12**	100	12
BFRESA4816	**4,8x16**	100	12
BFRESA4821	**4,8x21**	75	12
BFRESA4824	**4,8x24**	75	12

BLISTER / *BLISTER / BLISTER* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BRESA3208	**3,2x 8**	15	20
BRESA3210	**3,2x10**	15	20
BRESA4008	**4,0x 8**	15	20
BRESA4010	**4,0x10**	15	20
BRESA4012	**4,0x12**	15	20
BRESA4016	**4,0x16**	15	20
BRESA4810	**4,8x10**	15	20
BRESA4812	**4,8x12**	15	20
BRESA4816	**4,8x16**	8	20
BRESA4821	**4,8x21**	8	20
BRESA4824	**4,8x24**	8	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

Ø m.m.	D m.m.	H m.m.	T m.m.	P min. m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile Traction typique* N	Ø AGUJERO *Hole Ø Ø Foret* m.m.
2,4	2,30-2,48	4,3-5,0	0,5-0,8	27	1,40	300	350	2,5-2,6
3,0	2,90-3,08	5,8-6,5	0,8-1,2	27	1,75	480	550	3,1-3,2
3,2	3,05-3,28	5,8-6,5	0,8-1,2	27	1,75	535	650	3,3-3,4
4,0	3,85-4,08	7,0-8,0	0,9-1,5	27	2,08	850	1.020	4,1-4,2
4,8	4,65-4,88	8,5-9,5	1,0-1,6	27	2,58	1.160	1.420	4,9-5,0
6,0	5,85-6,08	10,5-12,0	1,1-1,9	30	3,30	1.830	2.140	6,1-6,2
6,4	6,25-6,48	11,5-13,0	1,4-2,2	30	3,80	2.050	2.500	6,5-6,6

REMACHE TUBULAR DIN 7337-B CABEZA ANCHA - ALUMINIO / ACERO

ALUMINUM / STEEL WIDE HEAD BLIND RIVET DIN 7337
RIVET TUBULAIRE TÊTE LARGE DIN 7337 EN ALUMINIUM / ACIER
BREITENKOPF-BLINDNIETE DIN 7337 AUS ALUMINIUM / STAHL

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RESAA3208	**3,2x 8**	1,0-3,0	500	10.000
RESAA3210	**3,2x10**	3,0-5,0	500	10.000
RESAA3212	**3,2x12**	5,0-7,0	500	10.000
RESAA4008	**4,0x 8**	2,0-4,0	500	10.000
RESAA4010	**4,0x10**	4,0-6,0	500	5.000
RESAA4012	**4,0x12**	6,0-8,0	500	5.000
RESAA4014	**4,0x14**	8,0-10,0	500	5.000
RESAA4016	**4,0x16**	10,0-12,0	500	5.000
RESAA4018	**4,0x18**	12,0-14,0	250	5.000
RESAA4020	**4,0x20**	14,0-16,0	250	5.000

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RESAA4810	**4,8x10**	3,5-5,5	500	5.000
RESAA4812	**4,8x12**	5,5-7,5	500	5.000
RESAA4814	**4,8x14**	7,5-9,5	250	5.000
RESAA4816	**4,8x16**	9,5-11,5	250	5.000
RESAA4818	**4,8x18**	12,0-14,0	250	2.500
RESAA4821	**4,8x21**	14,5-16,5	250	2.500
RESAA4824	**4,8x24**	17,5-19,5	250	2.500
RESAA4827	**4,8x27**	-	200	2.000
RESAA4830	**4,8x30**	20,5-25,5	200	2.000
RESAA4835	**4,8x35**	-	200	2.000

AUTOSERVICIO — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFRESAA4010	**4,0x10**	150	12
BFRESAA4012	**4,0x12**	150	12
BFRESAA4016	**4,0x16**	150	12
BFRESAA4810	**4,8x10**	100	12
BFRESAA4812	**4,8x12**	100	12
BFRESAA4816	**4,8x16**	100	12
BFRESAA4818	**4,8x18**	75	12

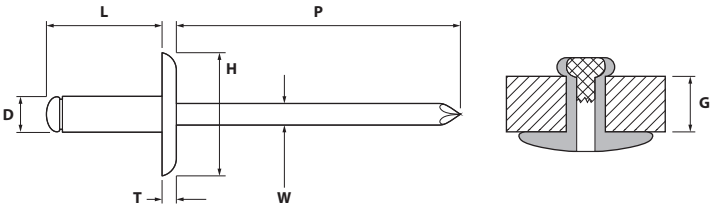
BLISTER / *BLISTER / BLISTER* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BRESAA4010	**4,0x10**	8	20
BRESAA4012	**4,0x12**	8	20
BRESAA4016	**4,0x16**	8	20
BRESAA4810	**4,8x10**	8	20
BRESAA4812	**4,8x12**	8	20
BRESAA4814	**4,8x14**	8	20
BRESAA4816	**4,8x16**	8	20
BRESAA4818	**4,8x18**	5	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

Ø / H m.m.	D m.m.	H m.m.	T m.m.	P min. m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile Traction typique* N	Ø AGUJERO *Hole Ø Ø Foret* m.m.
3,2 / 9,6	3,05-3,28	8,8-9,8	1,2-1,6	27	1,81	535	650	3,3-3,4
4,0 / 10	3,85-4,08	9,0-10,5	1,4-1,9	27	2,18	850	1.020	4,1-4,2
4,0 / 12	3,85-4,08	11,0-12,5	1,4-1,9	27	2,18	850	1.020	4,1-4,2
4,8 / 11	4,65-4,88	10,0-11,5	1,5-2,3	27	2,68	1.160	1.420	4,9-5,0
4,8 / 14	4,65-4,88	13,0-14,5	1,5-2,3	27	2,68	1.160	1.420	4,9-5,0
4,8 / 16	4,65-4,88	15,0-16,5	1,5-2,3	27	2,68	1.160	1.420	4,9-5,0



REMACHE TUBULAR DIN 7337-B - ACERO / ACERO

STEEL / STEEL BLIND RIVET DIN 7337
RIVET TUBULAIRE DIN 7337 EN ACIER / ACIER
BLINDNIETE DIN 7337 AUS STAHL / STAHL

CAJA / *BOX / BOÎTE* — **ACERO AISI 306 / *STEEL AISI 306***

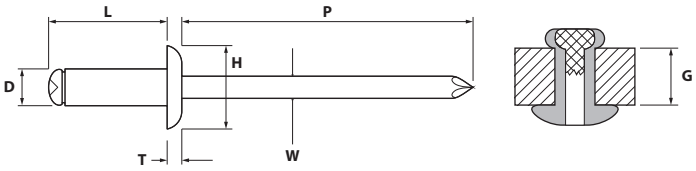
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamma de prise* G m.m.		
RA3006	**3,0x 6**	1,0-3,0	500	10.000
RA3008	**3,0x 8**	3,0-5,0	500	10.000
RA3010	**3,0x10**	5,0-7,0	500	10.000
RA3012	**3,0x12**	7,0-9,0	500	10.000
RA3206	**3,2x 6**	1,0-3,0	500	10.000
RA3208	**3,2x 8**	3,0-5,0	500	10.000
RA3210	**3,2x10**	5,0-6,5	500	10.000
RA3212	**3,2x12**	6,5-8,0	500	10.000
RA4006	**4,0x 6**	1,0-2,0	500	5.000
RA4008	**4,0x 8**	2,0-4,0	500	5.000
RA4010	**4,0x10**	4,0-6,0	500	5.000
RA4012	**4,0x12**	6,0-8,0	500	5.000
RA4016	**4,0x16**	10,0-12,0	500	5.000
RA4018	**4,0x18**	12,0-14,0	500	5.000
RA4020	**4,0x20**	14,0-16,0	500	5.000

CAJA / *BOX / BOÎTE* — **ACERO AISI 306 / *STEEL AISI 306***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamma de prise* G m.m.		
RA4806	**4,8x 6**	1,0-1,5	500	5.000
RA4808	**4,8x 8**	10,-3,0	500	5.000
RA4810	**4,8x10**	3,0-5,0	500	5.000
RA4812	**4,8x12**	5,0-7,0	500	5.000
RA4814	**4,8x14**	7,0-9,0	500	5.000
RA4816	**4,8x16**	9,0-11,0	500	5.000
RA4818	**4,8x18**	11,0-13,0	500	5.000
RA4821	**4,8x21**	14,0-16,0	500	5.000
RA4824	**4,8x24**	17,0-19,0	250	2.500
RA4830	**4,8x30**	23,0-25,0	250	2.500
RA6412	**6,4x12**	3,5-6,5	250	2.500
RA6415	**6,4x15**	6,0-9,0	250	2.500
RA6418	**6,4x18**	9,0-11,5	250	2.500
RA6422	**6,4x22**	11,5-15,5	250	2.500
RA6425	**6,4x25**	15,5-18,5	250	2.500
RA6430	**6,4x30**	-	200	2.000

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

Ø m.m.	D m.m.	H m.m.	T m.m.	P min. m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear* *Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile* *Traction typique* N	Ø AGUJERO *Hole Ø* *Ø Foret* m.m.
3,0	2,90-3,08	5,8-6,5	0,8-1,2	27	1,90	950	1.100	3,1-3,2
3,2	3,05-3,28	5,8-6,5	0,8-1,2	27	1,90	1.150	1.380	3,3-3,4
4,0	3,85-4,08	7,0-8,0	0,9-1,5	27	2,42	1.650	2.090	4,1-4,2
4,8	4,65-4,88	8,5-9,5	1,0-1,6	27	2,87	2.400	3.0.0	4,9-5,0
6,4	6,25-6,48	11,5-13,0	1,4-2,2	30	3,80	4.450	5.500	6,5-6,6



REMACHE TUBULAR DIN 7337-B - INOX A-2 / INOX A-2

STANILESS STEEL AISI 304 / STAINLESS STEEL AISI 304 BLIND RIVET DIN 7337
RIVET TUBULAIRE DIN 7337 EN ACIER INOX A-2 / ACIER INOX A-2
BLINDNIETE DIN 7337 AUS EDELSTAHL A-2 / EDELSTAHL A-2

A2

CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RESA23206	**3,2x 6**	0,5-3	500	10.000
RESA23208	**3,2x 8**	3-5	500	10.000
RESA23210	**3,2x10**	5-6,5	500	10.000
RESA23212	**3,2x12**	6,5-8,5	500	10.000
RESA23215	**3,2x15**	9,5-11,5	500	10.000
RESA24006	**4,0x 6**	1-1,25	500	5.000
RESA24008	**4,0x 8**	2,5-4,5	500	5.000
RESA24010	**4,0x10**	4,5-6,5	500	5.000
RESA24012	**4,0x12**	6,5-8,5	500	5.000
RESA24016	**4,0x16**	10-12	500	5.000

CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RESA24808	**4,8x 8**	2-4	500	5.000
RESA24810	**4,8x10**	4-6	500	5.000
RESA24812	**4,8x12**	6-8	500	5.000
RESA24814	**4,8x14**	7-9	500	5.000
RESA24816	**4,8x16**	8-11	500	5.000
RESA24818	**4,8x18**	11-13	500	5.000
RESA24820	**4,8x20**	13-16	250	5.000
RESA24825	**4,8x25**	16-19	250	2.500
RESA24830	**4,8x30**	21-25	250	2.500

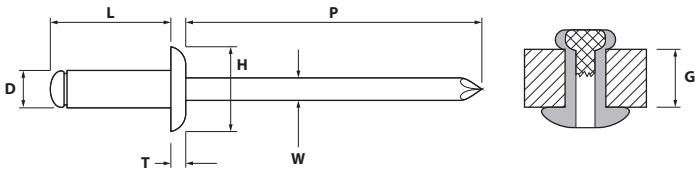
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFRESA23208	**3,2x 8**	200	12
BFRESA23210	**3,2x10**	200	12
BFRESA24008	**4,0x 8**	150	12
BFRESA24010	**4,0x10**	150	12
BFRESA24012	**4,0x12**	100	12
BFRESA24016	**4,0x16**	100	12
BFRESA24810	**4,8x10**	100	12
BFRESA24812	**4,8x12**	100	12
BFRESA24816	**4,8x16**	100	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

Ø m.m.	D m.m.	H m.m.	T m.m.	P min. m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile Traction typique* N	Ø AGUJERO *Hole Ø Ø Foret* m.m.
3,2	3,05-3,28	5,8-6,5	0,8-1,2	27	1,75	535	650	3,3-3,4
4,0	3,85-4,08	7,0-8,0	0,9-1,5	27	2,08	850	1.020	4,1-4,2
4,8	4,65-4,88	8,5-9,5	1,0-1,6	27	2,58	1.160	1.420	4,9-5,0



REMACHE TUBULAR FLOR - ALUMINIO / ACERO

ALUMINUM / STEEL PEEL DOMED HEAD BLIND RIVET
RIVET TUBULAIRE ECLATE EN ALUMINIUM / ACIER
SCHÄLEN GEWÖLBTENKOPF-BLINDNIETE AUS ALUMINIUM / STAHL

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamma de prise* G m.m.		
RESAF4010	**4,0x10**	2,5-5,0	500	10.000
RESAF4012	**4,0x12**	4,5-7,0	500	10.000
RESAF4014	**4,0x14**	6,5-8,0	500	10.000
RESAF4016	**4,0x16**	7,5-10,0	500	10.000
RESAF4018	**4,0x18**	9,5-12,0	500	10.000
RESAF4020	**4,0x20**	11,5-14,0	500	5.000
RESAF4025	**4,0x25**	13,5-19,0	250	5.000
RESAF4810	**4,8x10**	2,0-4,0	500	5.000
RESAF4812	**4,8x12**	3,5-6,0	500	5.000
RESAF4814	**4,8x14**	5,5-8,0	500	5.000

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamma de prise* G m.m.		
RESAF4816	**4,8x16**	7,5-10,0	500	5.000
RESAF4818	**4,8x18**	9,5-12,0	500	5.000
RESAF4821	**4,8x21**	12,5-15,0	250	5.000
RESAF4824	**4,8x24**	14,5-18,0	250	5.000
RESAF4830	**4,8x30**	20,5-24,0	250	2.500
RESAF4835	**4,8x35**	-	200	2.000
RESAF4840	**4,8x40**	28,5-34,0	150	1.500
RESAF4845	**4,8x45**	-	100	1.200
RESAF4850	**4,8x50**	-	100	1.200

AUTOSERVICIO — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFRESAF4816	**4,8x16**	100	12
BFRESAF4821	**4,8x21**	75	12
BFRESAF4824	**4,8x24**	75	12
BFRESAF4830	**4,8x30**	50	12
BFRESAF4835	**4,8x35**	50	12

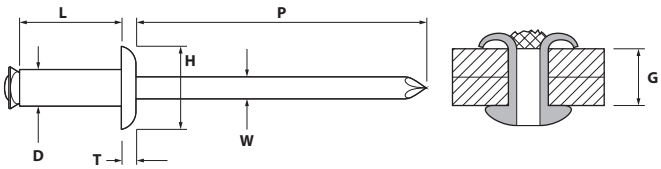
BLISTER / *BLISTER / BLISTER* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BRESAF4816	**4,8x16**	10	20
BRESAF4821	**4,8x21**	10	20
BRESAF4824	**4,8x24**	10	20
BRESAF4830	**4,8x30**	8	20
BRESAF4835	**4,8x35**	5	20

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

Ø m.m.	D m.m.	H m.m.	T m.m.	P min. m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear* *Cisaillement typique* N min.	TRACCIÓN TÍPICA *Typical tensile* *Traction typique* N min.	Ø AGUJERO *Hole Ø* *Ø Foret* m.m.
4,0	3,85-4,15	7,0-8,0	1,5	27	2,22	1.160	1.560	4,3-4,4
4,8	4,65-4,95	8,5-9,5	1,6	27	2,72	1.690	2.230	5,1-5,2



REMACHE TUBULAR FLOR CABEZA ANCHA - ALUMINIO / ACERO

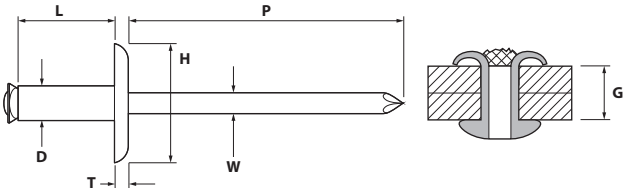
ALUMINUM / STEEL PEEL WIDE HEAD BLIND RIVET
RIVET TUBULAIRE ECLATE TÊTE LARGE EN ALUMINIUM / ACIER
SCHÄLEN GEWÖLBTENBREITENKOPF-BLINDNIETE AUS ALUMINIUM / STAHL

CAJA / *BOX / BOÎTE*		ALUMINIO / *ALUMINUM*	ACERO / *STEEL*	
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.	**RANGO AGARRE** *Grip range / Gamme de prise* **G** m.m.		
RFA4008	**4,0x8**	-	500	5.000
RFA4010	**4,0x10**	2,5-5,0	500	5.000
RFA4012	**4,0x12**	4,5-7,0	500	5.000
RFA4014	**4,0x14**	6,5-8,0	500	5.000
RFA4016	**4,0x16**	7,5-10,0	500	5.000
RFA4018	**4,0x18**	9,5-12,0	250	5.000
RFA4020	**4,0x20**	11,5-14,0	250	5.000
RFA4810	**4,8x10**	2,0-4,0	500	5.000
RFA4812	**4,8x12**	3,5-6,0	500	5.000

CAJA / *BOX / BOÎTE*		ALUMINIO / *ALUMINUM*	ACERO / *STEEL*	
CÓDIGO *Code / Code*	**MEDIDA** *Measure / Mesure* **ØxL** m.m.	**RANGO AGARRE** *Grip range / Gamme de prise* **G** m.m.		
RFA4814	**4,8x14**	5,5-8,0	250	5.000
RFA4816	**4,8x16**	7,5-10,0	250	5.000
RFA4818	**4,8x18**	9,5-12,0	250	2.500
RFA4821	**4,8x21**	12,5-15,0	250	2.500
RFA4824	**4,8x24**	14,5-18,0	250	2.500
RFA4827	**4,8x27**	17,5-21,0	150	1.500
RFA4830	**4,8x30**	28,5-34,0	150	1.500
RFA4835	**4,8x35**	-	100	1.200

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

Ø / H	D	H	T	P min.	W nom.	CIZALLA TÍPICA *Typical shear* *Cisaillement typique*	TRACCIÓN TÍPICA *Typical tensile* *Traction typique*	Ø AGUJERO *Hole Ø* *Ø Foret*
m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	N min.	N min.	m.m.
4,0 / 10	3,85-4,15	9,0-10,5	1,9	27	2,22	1.160	1.560	4,33-4,4
4,0 / 12	3,85-4,15	11,0-12,5	1,9	27	2,22	1.160	1.560	4,33-4,4
4,8 / 14	4,65-4,95	13,0-14,5	2,1	27	2,72	1.690	2.230	5,1-5,2
4,8 / 16	4,65-4,95	15,0-16,5	2,1	27	2,72	1.690	2.230	5,1-5,2



REMACHE TUBULAR DIN 7337-B LACADO BLANCO Y NEGRO - ALUMINIO / ACERO

BLACK AND WHITE ALUMINIUM / STEEL BLIND RIVET DIN 7337
RIVET TUBULAIRE DIN 7337 EN ALUMINIUM / ACIER BLANC ET NOIR
BLINDNIETE DIN 7337 AUS ALUMINIUM / STAHL VERZINKT SCHWARZ UND WEISS

CAJA / *BOX / BOÎTE* — **RAL 9010**

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RESAB3206	**3,2x 6**	1,0-3,0	500	10.000
RESAB3208	**3,2x 8**	3,0-5,0	500	10.000
RESAB3210	**3,2x10**	5,0-7,0	500	10.000
RESAB3212	**3,2x12**	7,0-9,0	500	10.000
RESAB4006	**4,0x 6**	0,5-2,0	500	10.000
RESAB4008	**4,0x 8**	2,0-4,0	500	10.000
RESAB4010	**4,0x10**	4,0-6,0	500	10.000
RESAB4012	**4,0x12**	6,0-8,0	500	10.000
RESAB4014	**4,0x14**	8,0-10,0	500	10.000
RESAB4808	**4,8x 8**	1,5-3,5	500	10.000
RESAB4810	**4,8x10**	3,5-5,5	500	10.000
RESAB4812	**4,8x12**	5,5-7,5	500	10.000
RESAB4814	**4,8x14**	7,5-9,5	500	5.000
RESAB4816	**4,8x16**	9,5-11,5	500	5.000

CAJA / *BOX / BOÎTE* — **RAL 9005**

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RESN3206	**3,2x 6**	1,0-3,0	500	10.000
RESN3208	**3,2x 8**	3,0-5,0	500	10.000
RESN3210	**3,2x10**	5,0-7,0	500	10.000
RESN3212	**3,2x12**	7,0-9,0	500	10.000
RESN4006	**4,0x 6**	0,5-2,0	500	10.000
RESN4008	**4,0x 8**	2,0-4,0	500	10.000
RESN4010	**4,0x10**	4,0-6,0	500	10.000
RESN4012	**4,0x12**	6,0-8,0	500	10.000
RESN4014	**4,0x14**	8,0-10,0	500	10.000
RESN4808	**4,8x 8**	1,5-3,5	500	10.000
RESN4810	**4,8x10**	3,5-5,5	500	10.000
RESN4812	**4,8x12**	5,5-7,5	500	10.000
RESN4814	**4,8x14**	7,5-9,5	500	5.000
RESN4816	**4,8x16**	9,5-11,5	500	5.000

AUTOSERVICIO — **RAL 9010**

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFRESAB3208	**3,2x 8**	200	12
BFRESAB3210	**3,2x10**	200	12
BFRESAB4008	**4,0x 8**	150	12
BFRESAB4010	**4,0x10**	150	12
BFRESAB4012	**4,0x12**	100	12
BFRESAB4016	**4,0x16**	100	12
BFRESAB4810	**4,8x10**	100	12
BFRESAB4812	**4,8x12**	100	12
BFRESAB4816	**4,8x16**	100	12

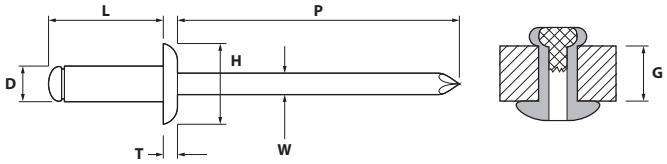
AUTOSERVICIO — **RAL 9005**

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFRESN3208	**3,2x 8**	200	12
BFRESN3210	**3,2x10**	200	12
BFRESN4008	**4,0x 8**	150	12
BFRESN4010	**4,0x10**	150	12
BFRESN4012	**4,0x12**	100	12
BFRESN4016	**4,0x16**	100	12
BFRESN4810	**4,8x10**	100	12
BFRESN4812	**4,8x12**	100	12
BFRESN4816	**4,8x16**	100	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

Ø m.m.	D m.m.	H m.m.	T m.m.	P min. m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile Traction typique* N	Ø AGUJERO *Hole Ø Ø Foret* m.m.
3,2	3,05-3,28	5,8-6,5	0,8-1,2	27	1,75	535	650	3,3-3,4
4,0	3,85-4,08	7,0-8,0	0,9-1,5	27	2,08	850	1.020	4,1-4,2
4,8	4,65-4,88	8,5-9,5	1,0-1,6	27	2,58	1.160	1.420	4,9-5,0



REMACHE TUBULAR DIN 7337-A CABEZA AVELLANADA - ALUMINIO / ACERO

ALUMINIUM / STEEL COUNTERSUNK HEAD BLIND RIVET DIN 7337
RIVET TUBULAIRE TÊTE FRAISÈE DIN 7337 EN ALUMINIUM / ACIER
BLINDNIETE MIT SENKKOPF DIN 7337 AUS ALUMINIUM / STAHL

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RAC3206	**3,2x 6**	1,0-3,0	500	10.000
RAC3208	**3,2x 8**	3,0-5,0	500	10.000
RAC3210	**3,2x10**	5,0-7,0	500	10.000
RAC3212	**3,2x12**	7,0-9,0	500	10.000
RAC3215	**3,2x15**	10,0-12,0	500	10.000
RAC3218	**3,2x18**	13,0-15,0	500	10.000
RAC4006	**4,0x 6**	0,5-2,0	500	10.000
RAC4008	**4,0x 8**	2,0-4,0	500	10.000
RAC4010	**4,0x10**	4,0-6,0	500	10.000
RAC4012	**4,0x12**	6,0-8,0	500	10.000
RAC4014	**4,0x14**	8,0-10,0	500	10.000
RAC4016	**4,0x16**	10,0-12,0	500	10.000
RAC4018	**4,0x18**	12,0-14,0	500	10.000

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RAC4020	**4,0x20**	14,0-16,0	500	10.000
RAC4806	**4,8x 6**	0,5-1,5	500	10.000
RAC4808	**4,8x 8**	1,5-3,5	500	10.000
RAC4810	**4,8x10**	3,5-5,5	500	10.000
RAC4812	**4,8x12**	5,5-7,5	500	10.000
RAC4814	**4,8x14**	7,5-9,5	500	5.000
RAC4816	**4,8x16**	9,5-11,5	500	5.000
RAC4818	**4,8x18**	11,5-13,5	500	5.000
RAC4821	**4,8x21**	14,5-16,5	500	5.000
RAC4824	**4,8x24**	17,5-19,5	250	5.000
RAC4827	**4,8x27**	20,5-22,5	250	2.500
RAC4830	**4,8x30**	22,5-25,5	250	2.500
RAC4835	**4,8x35**	28,5-30,5	200	2.000

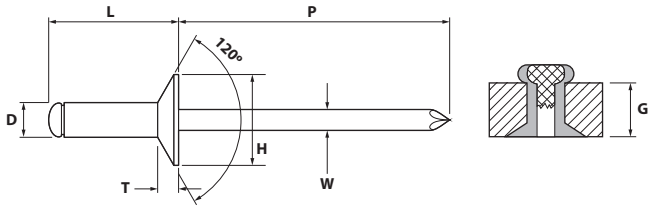
AUTOSERVICIO — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFRAC3208	**3,2x 8**	200	12
BFRAC3210	**3,2x10**	200	12
BFRAC4008	**4,0x 8**	200	12
BFRAC4010	**4,0x10**	200	12
BFRAC4012	**4,0x12**	150	12
BFRAC4016	**4,0x16**	150	12
BFRAC4810	**4,8x10**	150	12
BFRAC4812	**4,8x12**	100	12
BFRAC4816	**4,8x16**	100	12
BFRAC4821	**4,8x21**	75	12
BFRAC4824	**4,8x24**	75	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

Ø m.m.	D m.m.	H m.m.	T m.m.	P min. m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile Traction typique* N	Ø AGUJERO *Hole Ø Ø Foret* m.m.
3,2	3,05-3,28	5,6-6,0	0,9	27	1,75	535	650	3,3-3,4
4,0	3,85-4,08	7,0-7,5	1,0	27	2,08	850	1.020	4,1-4,2
4,8	4,65-4,88	8,5-9,0	1,3	27	2,58	1.160	1.420	4,9-5,0



REMACHE TUBULAR TRÉBOL - ALUMINIO / ALUMINIO

ALUMINIUM / ALUMINIUM "CLOVER" BLIND RIVET
RIVET TUBULAIRE TRÈFLE EN ALUMINIUM / ALUMINIUM
KLEE-BLINDNIETE AUS ALUMINIUM / ALUMINIUM

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RAT40136	**4,0x13,6**	1,0-3,0	500	8.000
RAT40188	**4,0x18,8**	1,0-7,0	250	4.000
RAT40245	**4,0x24,5**	4,0-12,0	250	4.000
RAT48153	**4,8x15,3**	1,0-4,0	250	4.000
RAT48205	**4,8x20,5**	1,0-9,0	250	2.000
RAT48245	**4,8x24,5**	4,0-12,0	200	1.600
RAT48280	**4,8x28,0**	6,0-16,0	200	1.600

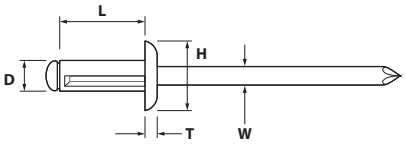
AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **ALUMINIO / *ALUMINUM***

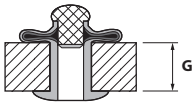
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
BFRAT40136	**4,0x13,6**	150	12
BFRAT48153	**4,8x15,3**	100	12
BFRAT48205	**4,8x20,5**	75	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

ØxL m.m.	H m.m.	T m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear* *Cisaillement typique* N min.	TRACCIÓN TÍPICA *Typical tensile* *Traction typique* N min.	Ø AGUJERO *Hole Ø* *Ø Foret* m.m.
4,0x13,6	8,00	1,40	2,40	730	950	4,2 - 4,5
4,0x18,8	8,00	1,40	2,40	730	950	4,2 - 4,5
4,0x24,5	8,00	1,40	2,40	730	950	4,2 - 4,5
4,8x15,3	9,80	1,90	2,82	950	1.150	5,0 - 5,3
4,8x20,5	9,80	1,90	2,82	950	1.150	5,0 - 5,3
4,8x24,5	9,80	1,90	2,82	950	1.150	5,0 - 5,3
4,8x28,5	9,80	1,90	2,82	950	1.150	5,0 - 5,3





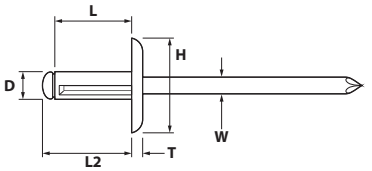
REMACHE TUBULAR TRÉBOL CABEZA ANCHA - ALUMINIO / ALUMINIO

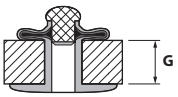
ALUMINIUM / ALUMINIUM "CLOVER" WIDE HEAD BLIND RIVET
RIVET TUBULAIRE TRÈFLE TÊTE LARGE EN ALUMINIUM / ALUMINIUM
BREITENKOPF KLEE-BLINDNIETE AUS ALUMINIUM / STAHL

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM***

CÓDIGO *Code / Code*	* MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RATAN40188	**4,0x18,8**	1,0-7,0	250	2.000
RATAN48205	**4,8x20,5**	6,016,0	200	1.600

* Cabeza / Head / Tête : Ø 14mm



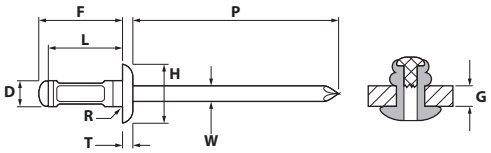


INFORMACIÓN TÉCNICA / *TECHNICAL INFORMATION*

ØxL m.m.	H m.m.	T m.m.	W nom. m.m.	L2 m.m.	CIZALLA TÍPICA *Typical shear* *Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile* *Traction typique* N	Ø AGUJERO *Hole Ø* *Ø Foret* m.m.
4,0x18,8	8,00	1,40	2,40	1,0-7,0	730	950	4,2 - 4,5
4,8x20,5	9,80	1,90	2,82	1,0-9,0	950	1.150	5,0 - 5,3

REMACHE TUBULAR CABEZA MULTIGRIP - ALUMINIO / ACERO

ALUMINIUM / STEEL MULTIGRIP HEAD BLIND RIVET
RIVET TUBULAIRE TÊTE MULTIGRIP EN ALUMINIUM / ACIER
MULTIGRIP BLINDNIETE AUS ALUMINIUM / STAHL



CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RAM32082	**3,2x 8,2**	1,0-4,8	500	10.000
RAM32114	**3,2x11,4**	3,2-8,0	500	10.000
RAM40105	**4,0x10,5**	1,6-6,4	500	10.000
RAM40120	**4,0x12,0**	3,2-8,0	500	10.000
RAM40168	**4,0x16,8**	8,0-12,7	500	10.000

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RAM48111	**4,8x11,1**	1,6-6,4	500	5.000
RAM48159	**4,8x15,9**	6,4-11,2	500	5.000
RAM48175	**4,8x17,5**	8,0-12,7	500	5.000
RAM48238	**4,8x23,8**	14,3-19,1	250	5.000

INFORMACIÓN TÉCNICA / ***TECHNICAL INFORMATION***

Ø m.m.	D m.m.	H m.m.	T max. m.m.	P min. m.m.	F max. m.m.	W m.m.	R max. m.m.	CIZALLA TÍPICA *Typical shear Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile Traction typique* N	Ø AGUJERO *Hole Ø Ø Foret* m.m.
3,2	3,05-3,28	6,05-6,65	1,20	27	L+3,0	1,83(+0/-0,03)	0,5	640	660	3,3-3,4
4,0	3,85-4,08	7,52-8,33	1,50	27	L+3,5	2,22(+0/-0,03)	0,5	1.060	1.200	4,1-4,2
4,8	4,65-4,88	9,05-10,00	1,60	27	L+4,0	2,72(+0/-0,03)	0,6	1.240	2.040	4,9-5,0

REMACHE TUBULAR ESTANCO - ALUMINIO / ACERO

ALUMINIUM / STEEL SEALED HEAD BLIND RIVET
RIVET TUBULAIRE ETANCHE EN ALUMINIUM / ACIER
VERSIEGELT-BREITENKOPF BLINDNIETE AUS ALUMINIUM / STAHL

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RAE3208	**3,2x 8,0**	2,0-3,5	500	10.000
RAE3209	**3,2x 9,5**	3,5-5,0	500	10.000
RAE3212	**3,2x12,5**	6,5-8,0	500	10.000
RAE4009	**4,0x 9,5**	3,5-5,0	500	10.000
RAE4011	**4,0x11,0**	5,0-6,5	500	10.000

CAJA / *BOX / BOÎTE* — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.		
RAE4012	**4,0x12,5**	6,5-8,0	500	10.000
RAE4809	**4,8x 9,5**	3,5-5,0	500	10.000
RAE4811	**4,8x11,0**	5,0-6,5	500	10.000
RAE4813	**4,8x13,0**	6,5-8,0	250	5.000
RAE4816	**4,8x16,0**	9,5-11,0	250	5.000

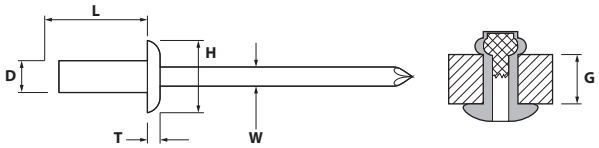
AUTOSERVICIO — **ALUMINIO / *ALUMINUM*** — **ACERO / *STEEL***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxL m.m.		
RAE3208	**3,2x 8,0**	200	12
RAE3209	**3,2x 9,5**	200	12
RAE4009	**4,0x 9,5**	150	12
RAE4011	**4,0x11,0**	100	12
RAE4012	**4,0x12,5**	100	12
RAE4811	**4,8x11,0**	100	12
RAE4813	**4,8x13,0**	100	12
RAE4816	**4,8x16,0**	75	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

INFORMACIÓN TÉCNICA / ***TECHNICAL INFORMATION***

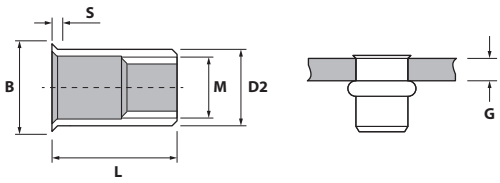
Ø m.m.	H m.m.	T m.m.	W nom. m.m.	CIZALLA TÍPICA *Typical shear Cisaillement typique* N	TRACCIÓN TÍPICA *Typical tensile Traction typique* N	Ø AGUJERO *Hole Ø Ø Foret* m.m.
3,2	6,4	1,00	1,65	1.100	1.450	3,30
4,0	7,9	1,40	2,20	1.600	2.200	4,10
4,8	9,3	1,70	2,65	2.200	3.100	4,90



TUERCA REMACHABLE CABEZA BAJA

REDUCED HEAD BLIND RIVET NUT
ÉCROU À SERTIR TÊTE REDUITE
REDUZIERKOPF-BLINDNIET MUTTERN

ZN A2



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.	B m.m.	D2 m.m.	L m.m.	S m.m.	BROCA *Drill / Foret* m.m. (-0/+0,1)		
TRCB04	**4**	0,50-2,50	0,50-2,50	6,3	10,5	0,5	6,4	500	10.000
TRCB05	**5**	0,50-3,00	0,50-3,00	7,1	12,0	0,6	7,2	500	10.000
TRCB06	**6**	0,70-3,50	0,70-3,50	9,5	15,0	0,6	9,6	500	5.000
TRCB08	**8**	1,00-3,50	1,00-3,50	10,5	16,0	0,6	10,6	250	2.500

CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.	B m.m.	D2 m.m.	L m.m.	S m.m.	BROCA *Drill / Foret* m.m. (-0/+0,1)		
TRCBA204	**4**	0,50-2,50	0,50-2,50	6,3	10,5	0,5	6,4	500	10.000
TRCBA205	**5**	0,50-3,00	0,50-3,00	7,1	12,0	0,6	7,2	500	10.000
TRCBA206	**6**	0,70-3,50	0,70-3,50	9,5	15,0	0,6	9,6	500	5.000
TRCBA208	**8**	1,00-3,50	1,00-3,50	10,5	16,0	0,6	10,6	250	2.500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BFTRCB04	**4**	200	12
BFTRCB05	**5**	200	12
BFTRCB06	**6**	150	12
BFTRCB08	**8**	100	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **INOX. A-2 / *S.S. AISI 304***

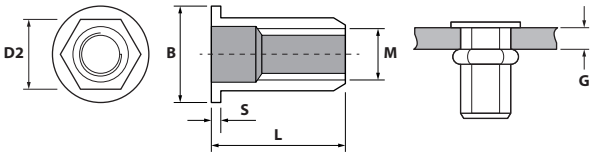
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BFTRCBA204	**4**	200	12
BFTRCBA205	**5**	200	12
BFTRCBA206	**6**	150	12
BFTRCBA208	**8**	100	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TUERCA REMACHABLE HEXAGONAL CINCADA

ZINC PLATED HEXAGONAL BLIND RIVET NUTS
ÉCROU À SERTIR HEXAGONAL EN ACIER ZINGUÉ
SECHSKANT-BLINDNIET MUTTERN VERZINKT

ZN

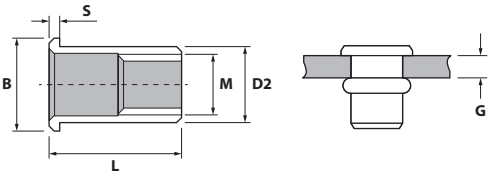


CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.	B m.m.	D2 m.m.	L m.m.	S m.m.	BROCA *Drill / Foret* m.m. (-0/+0,1)		
TRE04	**4**	0,50-2,00	9,0	5,9	11	1,0	6	500	10.000
TRE05	**5**	0,50-3,00	10,0	6,9	14	1,0	7	500	10.000
TRE06	**6**	0,50-3,00	13,0	8,9	16	1,5	9	250	5.000
TRE08	**8**	0,50-3,00	16,0	10,9	18	1,5	11	250	2.500
TRE10	**10**	0,50-3,50	19,0	12,9	23	2,0	13	150	1.500

TUERCA REMACHABLE CABEZA ANCHA CINCADA

ZINC PLATED WIDE HEAD BLIND RIVET NUT
ÉCROU À SERTIR TÊTE LARGE EN ACIER ZINGUÉ
BREITENKOPF-BLINDNIET MUTTERN VERZINKT



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.	B m.m.	D2 m.m.	L m.m.	S m.m.	BROCA *Drill / Foret* m.m. (-0/+0,1)		
TRCA04	**4**	0,30-2,50	9,0	5,9	11,6	0,8	6	500	10.000
TRCA05	**5**	0,50-3,00	10,0	6,9	13,0	1,0	7	500	10.000
TRCA06	**6**	0,50-4,00	13,0	8,9	16,0	1,5	9	250	5.000
TRCA08	**8**	0,80-4,00	16,0	10,9	18,0	1,5	11	250	2.500
TRCA10	**10**	1,00-5,00	19,0	12,9	21,0	1,7	13	150	1.500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

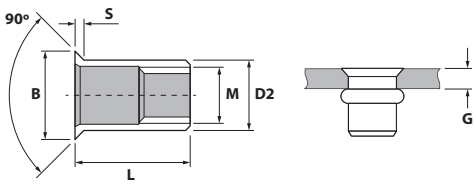
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BFTRCA04	**4**	200	12
BFTRCA05	**5**	200	12
BFTRCA06	**6**	150	12
BFTRCA08	**8**	100	12
BFTRCA10	**10**	50	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TUERCA REMACHABLE CABEZA AVELLANADA CINCADA

ZINC PLATED BLIND RIVET NUTS WITH FLAT COUNTERSUNK HEAD
ÉCROU À SERTIR TÊTE FRAISÉE EN ACIER ZINGUÉ
SENKKOPF-BLINDNIET MUTTERN VERZINKT



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	RANGO AGARRE *Grip range / Gamme de prise* G m.m.	B m.m.	D2 m.m.	L m.m.	S m.m.	BROCA *Drill / Foret* m.m. (-0/+0,1)		
TRAV04	**4**	2,0-3,5	9,0	5,9	11,6	1,5	6	500	10.000
TRAV05	**5**	2,5-4,0	10,0	6,9	13,0	1,5	7	500	10.000
TRAV06	**6**	2,5-4,5	12,0	8,9	16,0	1,5	9	250	5.000
TRAV08	**8**	2,5-4,5	14,0	10,9	18,5	1,5	11	250	2.500
TRAV10	**10**	2,5-5,0	15,0	12,9	22,0	1,5	13	150	1.500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BFTRAV04	**4**	200	12
BFTRAV05	**5**	200	12
BFTRAV06	**6**	150	12
BFTRAV08	**8**	100	12
BFTRAV10	**10**	50	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

REMACHADORA MANUAL

MANUAL RIVETER
RIVETEUSE MANUELLE
MANUELLE NIETER

BLISTER / *BLISTER / BLISTER*

CÓDIGO *Code / Code*	CAPACIDAD *Capacity / Capacité* m.m.	
RME	**Ø2,4 - Ø4,8**	1

CARACTERÍSTICAS / *Characteristics / Caractéristiques*

- **Diseño de 2 mordazas**
- **Incluye boquillas y llave: 2,4mm - 3,2mm - 4,0mm - 4,8mm**
- **Mango con superficie de agarre**
- **Carcasa de las mordazas hecha en acero cromado y tratamiento de calor**
- **Peso: 0,53 kg**

- *Hand-riveter with 2-jaws design*
- *Includes nosepieces and wrench: 2,4mm - 3,2mm - 4,0mm - 4,8mm*
- *Handle with powder surface*
- *Jaw & jaw case made of chrome steel and heat treated*
- *Weight: 0.53 kg.*

REMACHADORA MANUAL DE DOS BRAZOS PARA REMACHES

TWO-ARM MANUAL RIVETING MACHINE
RIVETEUSE MANUELLE À DEUX BRAS
ZWEIARM-MANUELLE NIETMASCHINE

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CAPACIDAD *Capacity / Capacité* m.m.	
RMR6	**Ø3,2 - Ø6,4**	1

CARACTERÍSTICAS / *Characteristics*

- **Diseño de 3 mordazas**
- **Diseño de palanca para reducir la fuerza necesaria**
- **Agarre diseñado para un mayor confort, seguridad y utilidad**
- **Mordazas: 3,2mm - 1/8"; 4,0mm - 5/32"; 4,8mm - 3/16"; 6,0mm - 7/32"; 6,4mm - 1/4".**
- **Peso: 1,845 kg**

- *Three-jaw design*
- *Lever design reduces physical strength*
- *Grip desgn for comfort, safety and utility*
- *Nosepiece: 3,2mm - 1/8", 4,0mm - 5/32", 4,8mm - 3/16", 6,0mm - 7/32", 6,4mm - 1/4".*
- *Weight: 1,845 kg*

REMACHADORA MANUAL DE DOS BRAZOS PARA TUERCAS REMACHABLES

TWO-ARMED MANUAL NUT RIVETER
RIVETEUSE D'ÉCROU MANUELLE À DEUX BRAS
ZWEIARMIGE MANUELLE MUTTERNNIETER

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CAPACIDAD *Capacity / Capacité* m.m.	
RT2B	**M4 - M10**	1

CARACTERÍSTICAS / *Characteristics / Caractéristiques*

- **Remachadora manual de tuercas profesional**
- **Carrera ajustable**
- **Accesorios para diferentes métricas incluidos (M4, M5, M6, M8, M10)**
- **Peso: 1,64 kg**

- *Professional nuts hand-riveter*
- *Adjustable stroke*
- *Accessories for different metrics included (M4, M5, M6, M8, M10)*
- *Weight: 1.64 kg*

REMACHADORA NEUMÁTICA

PNEUMATIC RIVETER
RIVETEUSE PNEUMATIQUE
PNEUMATISCHES NIETGERÄT

CARACTERÍSTICAS / *Characteristics*

- **Ligera y potente**
- **Para la aplicación de remaches ciegos**
- **Diseño con tres mordientes: proporciona un mejor rendimiento con sólo cambiar la punta, y facilita la extracción del mandril**
- **El depósito de recogida es un accesorio estándar, proporciona un trabajo más limpio y previene que los mandriles caigan al suelo o sobre la superficie de trabajo**
- **Capacidad de remachado: hasta 4,8 mm (3/16") para todos los materiales; hasta 6,4 mm (1/4") para acero y aluminio.**
- **Especialmente indicada para líneas de producción que utilizan 4.0 mm (5/32") a granel**
- **Peso: 1,5 kg.**

- *Lightweight and powerful*
- *For the application of blind rivets*
- *Design with three mordant: provides better performance with only change the tip, and facilitates the removal of the mandrel*
- *The collecting tank is a standard accessory and provides a cleaner work*
- *Ability riveting: up to 4,8 mm (3/16 ") for all materials; up to 6,4 mm (1/4 ") for steel and aluminum*
- *Specially designed for production lines that use 4,0 mm (5/32") in bulk*
- *Weight: 1.5 kg.*

*** Hasta Ø4,8mm todos los materiales**
Hasta Ø6,4mm para acero y aluminio
Up to Ø4,8 mm all materials
Up to Ø6,4 mm for steel and aluminum

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	* CAPACIDAD *Capacity / Capacité* m.m.	
SRC56	**Ø4,0 - Ø6,4**	1

ABARCONES CON TUERCA Y ARANDELA - DIN 3570

"U" BOLT WITH NUTS AND WASHERS
ÉTRIERS AVEC ÉCROUS ET RONDELLES
RUNDSTAHLBÜGEL MIT MUTTER UND SCHEIBEN

CAJA / *BOX / BOÎTE*

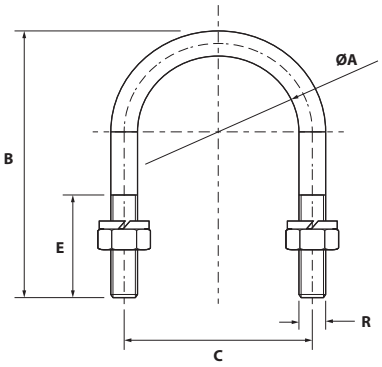
CÓDIGO *Code / Code* W1 *W1*	CÓDIGO *Code / Code* W4 *W4*	CÓDIGO *Code / Code* W5 *W5*	MEDIDA *Measure / Mesure* Ø m.m.	MEDIDA *Measure / Mesure* Ø Inch.	A m.m.	B m.m.	C m.m.	E m.m.	R m.m.	
ABARZ0018	ABARA2W0018	-	-	**1/8**	11	36	17	19	M6	100
ABARZ0014	ABARA2W0014	-	-	**1/4**	14	40	20	19	M6	100
ABARZ0038	ABARA2W0038	ABARA4W0038	-	**3/8**	18	50	24	35	M6	100
ABARZ0012	ABARA2W0012	ABARA4W0012	-	**1/2**	22	53	28	35	M6	100
ABARZ0034	ABARA2W0034	ABARA4W0034	-	**3/4**	28	59	34	35	M6	100
ABARZ0100	ABARA2W0100	ABARA4W0100	-	**1"**	34	65	40	35	M6	100
ABARAZ038	ABARA2038	ABARA4038	**Ø38**	-	39	70	42	35	M6	100
ABARZ0114	ABARA2W0114	ABARA4W0114	-	**1"1/4**	43	74	49	35	M6	100
ABARZ0112	ABARA2W0112	ABARA4W0112	-	**1"1/2**	49	85	57	40	M8	100
ABARAZ053	ABARA2053	ABARA4053	**Ø53**	-	54	96	61	40	M8	100
ABARAZ054	ABARA2054	ABARA4054	**Ø54**	-	55	97	62	40	M8	100
ABARZ0200	ABARA2W0200	ABARA4W0200	-	**2"**	61	99	70	40	M8	100
ABARAZ065	ABARA2065	ABARA4065	**Ø65**	-	66	98	73	40	M8	100
ABARAZ070	ABARA2070	ABARA4070	**Ø70**	-	71	102	78	40	M8	100
ABARZ0212	ABARA2W0212	ABARA4W0212	-	**2"1/2**	77	113	83	40	M8	100
ABARAZ084	ABARA2084	ABARA4084	**Ø84**	-	85	117	94	40	M8	50
ABARZ0300	ABARA2W0300	ABARA4W0300	-	**3"**	90	126	98	40	M8	50
ABARAZ104	ABARA2104	ABARA4104	**Ø104**	-	105	149	114	40	M10	50
ABARZ0400	ABARA2W0400	ABARA4W0400	-	**4"**	115	155	125	40	M10	50
ABARAZ129	ABARA2129	ABARA4129	**Ø129**	-	130	170	140	40	M10	50
ABARZ0500	ABARA2W0500	ABARA4W0500	-	**5"**	144	184	154	40	M10	50
ABARAZ154	ABARA2154	ABARA4154	**Ø154**	-	155	194	164	40	M10	25
ABARZ0600	ABARA2W0600	ABARA4W0600	-	**6"**	170	210	180	40	M10	25
ABARAZ204	ABARA2204	ABARA4204	**Ø204**	-	206	244	214	40	M10	25
ABARZ0800	ABARA2W0800	ABARA4W0800	-	**8"**	221	259	230	40	M10	25
ABARAZ254	ABARA2254	ABARA4254	**Ø254**	-	256	294	264	40	M10	25
ABARZ1000	ABARA2W1000	ABARA4W1000	-	**10"**	275	313	284	40	M10	25
ABARAZ304	ABARA2304	ABARA4304	**Ø304**	-	306	344	314	50	M10	25
ABARZ1200	ABARA2W1200	ABARA4W1200	-	**12"**	324	368	334	50	M10	25
ABARAZ350	ABARA2350	ABARA4350	**Ø350**	-	354	407	364	50	M10	25

CARACTERÍSTICAS Y VENTAJAS

- Abarcón de acero cincado con forma de "U" para la sujeción de tubo redondo.
- Incluye 2 tuercas DIN 934 y 2 arandelas DIN 127-B premontadas.

CHARACTERISTICS AND ADVANTAGES

- *U-shaped galvanized steel clamp for round tube fastening.*
- *Includes 2 pre-assembled DIN 934 nuts and 2 DIN 127-B washers.*



CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / ***QUALITY CODE OF THE MATERIAL USED***

W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza en acero inoxidable A-2 y tornillo en acero cincado / *Band & head in stainless steel AISI 304 with zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

ABRAZADERA SIN FIN - DIN 3017 - SERIE LIGERA 9mm

WORM HOSE CLAMP
COLLIERS À CRÉMAILLÈRES
SCHNECKENGEWINDESCHELLEN

W1 W2 W4 W5

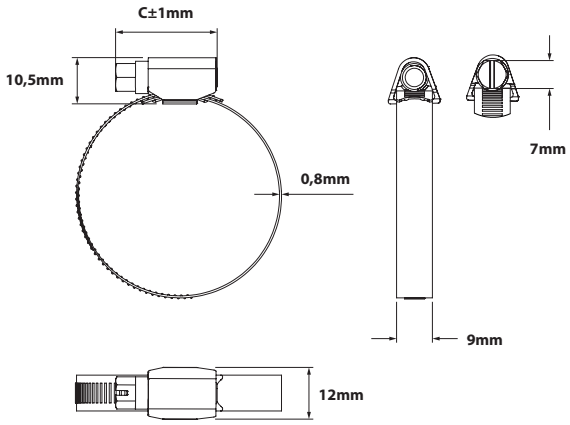
CAJA / *BOX / BOÎTE*

9mm **SERIE LIGERA / LIGHT SERIES / LÉRGÈRE**

CÓDIGO *Code / Code* W1 *W1*	CÓDIGO *Code / Code* W2 *W2*	CÓDIGO *Code / Code* W4 *W4*	CÓDIGO *Code / Code* W5 *W5*	MEDIDA *Measure / Mesure* m.m.	MEDIDA *Measure / Mesure* Inch.	APERTURA Range / Ouverture Ø max. - Ø min m.m.	C m.m.	
ABL1008	ABL2008	ABL4008	-	**8-12**	**-**	8-12	22,5	100
ABL1010	ABL2010	ABL4010	ABL5010	**10-16**	**3/16**	10-16	22,5	100
ABL1012	ABL2012	ABL4012	ABL5012	**12-22**	**3/8**	12-22	22,5	100
ABL1016	ABL2016	ABL4016	ABL5016	**16-27**	**1/2**	16-27	22,5	100
ABL1020	ABL2020	ABL4020	ABL5020	**20-32**	**3/4**	20-32	25,5	100
ABL1023	ABL2023	ABL4023	-	**23-35**	**7/8**	23-35	25,5	100
ABL1025	ABL2025	ABL4025	ABL5025	**25-40**	**1”**	25-40	25,5	100
ABL1030	ABL2030	ABL4030	ABL5030	**30-45**	**1”1/4**	30-45	25,5	50
ABL1032	ABL2032	ABL4032	ABL5032	**32-50**	**1“1/2**	32-50	25,5	50
ABL1040	ABL2040	ABL4040	ABL5040	**40-60**	**1”3/4**	40-60	25,5	50
ABL1050	ABL2050	ABL4050	ABL5050	**50-70**	**2”**	50-70	25,5	50
ABL1060	ABL2060	ABL4060	ABL5060	**60-80**	**2”1/2**	60-80	25,5	50
ABL1070	ABL2070	ABL4070	ABL5070	**70-90**	**3”**	70-90	25,5	50
ABL1080	ABL2080	ABL4080	ABL5080	**80-100**	**-**	80-100	25,5	50
ABL1090	ABL2090	ABL4090	-	**90-110**	**4”**	90-110	25,5	50
ABL1100	ABL2100	ABL4100	-	**100-120**	**-**	100-120	25,5	50
ABL1110	ABL2110	ABL4110	-	**110-130**	**5”**	110-130	25,5	50
ABL1120	ABL2120	ABL4120	-	**120-140**	**-**	120-140	25,5	50

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* **W1**

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	APERTURA Range / Ouverture Ø max. - Ø min m.m.		
BFABL10812	**8-12**	8-12	25	12
BFABL11016	**10-16**	10-16	25	12
BFABL11222	**12-22**	12-22	20	12
BFABL11627	**16-27**	16-27	15	12
BFABL12032	**20-32**	20-32	12	12
BFABL12335	**23-35**	23-35	10	12
BFABL12540	**25-40**	25-40	8	12
BFABL13250	**32-50**	32-50	5	12
BFABL14060	**40-60**	40-60	4	12
BFABL16080	**60-80**	60-80	3	12



PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CARACTERÍSTICAS Y VENTAJAS

- Abrazadera de cinta para manguera en acero cincado.
- Resitencia recomendada: **W1 - 3Nm, W2 - 3,5Nm, W4 - 4Nm, W5 - 4Nm.**
- El cabezal tiene un diseño compacto y el apriete es compatible con varias herramientas.
- Recomendado para el sector industrial y agrícola.

CHARACTERISTICS AND ADVANTAGES

- *Hose clamp in zinc plated steel.*
- *Recommended strength: **W1 - 3Nm, W2 - 3,5Nm, W4 - 4Nm, W5 - 4Nm.***
- *The head has a compact design and the tightening is compatible with several tools.*
- *Recommended for the industrial and agricultural sector.*

CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / ***QUALITY CODE OF THE MATERIAL USED***

W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza en acero inoxidable A-2 y tornillo en acero cincado / *Band & head in stainless steel AISI 304 with zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

ABRAZADERA SIN FIN - DIN 3017 - SERIE PESADA 12mm

WORM HOSE CLAMP
COLLIERS À CRÉMAILLÈRES
SCHNECKENGEWINDESCHELLEN

W1 W2 W4 W5

CAJA / *BOÎTE*

12mm **SERIE PESADA / HEAVY SERIES / LOURDE**

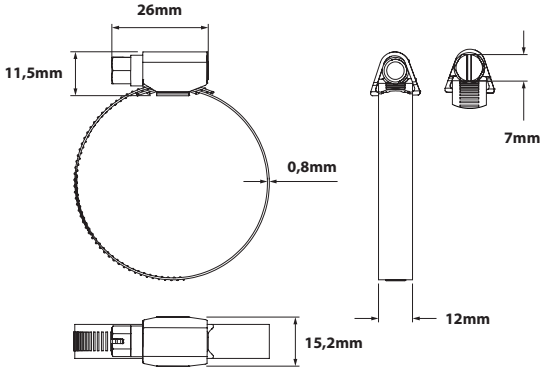
CÓDIGO *Code / Code* W1 *W1*	CÓDIGO *Code / Code* W2 *W2*	CÓDIGO *Code / Code* W4 *W4*	CÓDIGO *Code / Code* W5 *W5*	MEDIDA *Measure / Mesure* m.m.	MEDIDA *Measure / Mesure* Inch.	APERTURA *Range / Ouverture* Ø max. - Ø min m.m.	
ABP1016	ABP2016	ABP4016	-	**16-27**	**1/2**	16-27	100
ABP1020	ABP2020	ABP4020	ABP5020	**20-32**	**3/4**	20-32	100
ABP1023	ABP2023	ABP4023	-	**23-35**	**7/8**	23-35	100
ABP1025	ABP2025	ABP4025	ABP5025	**25-40**	**1”**	25-40	100
ABP1030	ABP2030	ABP4030	ABP5030	**30-45**	**1”1/4**	30-45	100
ABP1032	ABP2032	ABP4032	ABP5032	**32-50**	**1“1/2**	32-50	50
ABP1040	ABP2040	ABP4040	ABP5040	**40-60**	**1”3/4**	40-60	50
ABP1050	ABP2050	ABP4050	ABP5050	**50-70**	**2”**	50-70	50
ABP1060	ABP2060	ABP4060	ABP5060	**60-80**	**2”1/2**	60-80	25
ABP1070	ABP2070	ABP4070	ABP5070	**70-90**	**3”**	70-90	25
ABP1080	ABP2080	ABP4080	ABP5080	**80-100**	**-**	80-100	25
ABP1090	ABP2090	ABP4090	-	**90-110**	**4”**	90-110	25
ABP1100	ABP2100	ABP4100	ABP5100	**100-120**	**-**	100-120	25
ABP1110	ABP2110	ABP4110	-	**110-130**	**5”**	110-130	25
ABP1120	ABP2120	ABP4120	ABP5120	**120-140**	**-**	120-140	25
ABP1130	ABP2130	ABP4130	-	**130-150**	**6”**	130-150	25
ABP1140	ABP2140	ABP4140	ABP5140	**140-160**	**-**	140-160	25
ABP1150	ABP2150	ABP4150	-	**150-170**	**-**	150-170	25
ABP1160	ABP2160	ABP4160	ABP5160	**160-180**	**-**	160-180	25
ABP1170	ABP2170	ABP4170	-	**170-190**	**-**	170-190	25
ABP1180	ABP2180	ABP4180	ABP5180	**180-200**	**-**	180-200	20
ABP1190	ABP2190	ABP4190	-	**190-210**	**-**	190-210	20
ABP1200	ABP2200	ABP4200	-	**200-220**	**-**	200-220	20
ABP1210	ABP2210	ABP4210	-	**210-230**	**-**	210-230	20
ABP1220	ABP2220	ABP4220	-	**220-240**	**-**	220-240	20
ABP1230	ABP2230	ABP4230	-	**230-250**	**-**	230-250	20
ABP1240	ABP2240	ABP4240	-	**240-260**	**-**	240-260	20

CARACTERÍSTICAS Y VENTAJAS

- Abrazadera de cinta para manguera en acero cincado.
- Resitencia recomendada: **W1 - 4,5 Nm, W2 - 5Nm, W4 - 5,5Nm, W5 - 5,5Nm.**
- El cabezal tiene un diseño compacto y el apriete es compatible con varias herramientas.
- Recomendado para el sector industrial y agrícola.

CHARACTERISTICS AND ADVANTAGES

- *Hose clamp in zinc plated steel.*
- *Recommended strength:* ***W1 - 4,5 Nm, W2 - 5Nm, W4 - 5,5Nm, W5 - 5,5Nm.***
- *The head has a compact design and the tightening is compatible with several tools.*
- *Recommended for the industrial and agricultural sector.*



CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / *QUALITY CODE OF THE MATERIAL USED*

W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza acero inox. A-2 tornillo acero cincado / *Band & head in S.S. AISI 304 zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

ATORNILLADOR FLEXIBLE HEXAGONAL

HEXAGONAL FLEXIBLE SCREWDRIVER
TOURNEVIS FLEXIBLE
FLEXIBLER SCHRAUBENDREHER

CAJA / *BOÎTE*

CÓDIGO *Code / Code*	
ATF	1

MALETÍN ABRAZADERA SIN FIN SERIE LIGERA (9mm) - W1

WORM HOSE CLAMP LIGHT SERIES (9mm) - W1 BRIEFCASE
MALLETTE COLLIERS À CRÉMAILLÈRES SÉRIE LÉGÈRE (9mm) - W1
HANDKOFFER AUS SCHNECKENGEWINDESCHELLEN (9mm) - W1

W1

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MABL1**

MEDIDA *Measure / Mesure* m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* m.m.	CANTIDAD *Quantity / Quantité*
10-16	20	**20-32**	20
12-22	20	**25-40**	15
16-27	20	**40-60**	10

DESCRIPCIÓN *Description / Description*	MEDIDA *Measure / Mesure* m.m.	
ATORNILLADOR FLEXIBLE HEXAGONAL *Hexagonal flexible screwdriver*	**7**	1

MALETÍN ABRAZADERA SIN FIN SERIE LIGERA (9mm) - W2

WORM HOSE CLAMP LIGHT SERIES (9mm) - W2 BRIEFCASE
MALLETTE COLLIERS À CRÉMAILLÈRES SÉRIE LÉGÈRE (9mm) - W2
HANDKOFFER AUS SCHNECKENGEWINDESCHELLEN (9mm) - W2

W2

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MABL2**

MEDIDA *Measure / Mesure* m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* m.m.	CANTIDAD *Quantity / Quantité*
10-16	20	**20-32**	20
12-22	20	**25-40**	15
16-27	20	**40-60**	10

DESCRIPCIÓN *Description / Description*	MEDIDA *Measure / Mesure* m.m.	
ATORNILLADOR FLEXIBLE HEXAGONAL *Hexagonal flexible screwdriver*	**7**	1

MALETÍN ABRAZADERA SIN FIN SERIE LIGERA (9mm) - W4

WORM HOSE CLAMP LIGHT SERIES (9mm) - W4 BRIEFCASE
MALLETTE COLLIERS À CRÉMAILLÈRES SÉRIE LÉGÈRE (9mm) - W4
HANDKOFFER AUS SCHNECKENGEWINDESCHELLEN (9mm) - W4

W4

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MABL4**

MEDIDA *Measure / Mesure* m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* m.m.	CANTIDAD *Quantity / Quantité*
10-16	20	**20-32**	20
12-22	20	**25-40**	15
16-27	20	**40-60**	10

DESCRIPCIÓN *Description / Description*	MEDIDA *Measure / Mesure* m.m.	
ATORNILLADOR FLEXIBLE HEXAGONAL *Hexagonal flexible screwdriver*	**7**	1

MALETÍN ABRAZADERA SIN FIN SERIE LIGERA (9mm) - W5

WORM HOSE CLAMP LIGHT SERIES (9mm) - W5 BRIEFCASE
MALLETTE COLLIERS À CRÉMAILLÈRES SÉRIE LÉGÈRE (9mm) - W5
HANDKOFFER AUS SCHNECKENGEWINDESCHELLEN (9mm) - W5

W5

MALETÍN / *BRIEFCASE / MALLETTE*

CÓDIGO / *Code / Code:* **MABL5**

MEDIDA *Measure / Mesure* m.m.	CANTIDAD *Quantity / Quantité*	MEDIDA *Measure / Mesure* m.m.	CANTIDAD *Quantity / Quantité*
10-16	20	**20-32**	20
12-22	20	**25-40**	15
16-27	20	**40-60**	10

DESCRIPCIÓN *Description / Description*	MEDIDA *Measure / Mesure* m.m.	
ATORNILLADOR FLEXIBLE HEXAGONAL *Hexagonal flexible screwdriver*	**7**	1

ABRAZADERA SUPER

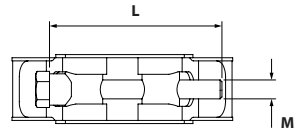
HEAVY DUTY HOSE CLAMP
COLLIERS À TOURILLONS
GELENKBOLZENSCHELLEN

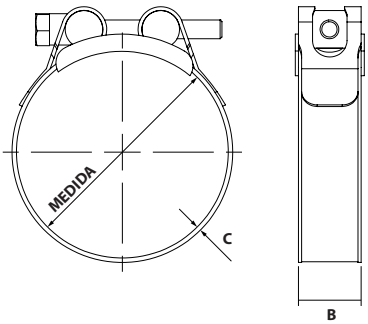
W1 W2 W4 W5

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W1 *W1*	CÓDIGO *Code / Code* W2 *W2*	CÓDIGO *Code / Code* W4 *W4*	CÓDIGO *Code / Code* W5 *W5*	MEDIDA *Measure / Mesure* Ø max. - Ø min m.m.	ANCHO W1 / W2 / W4 / W5 *Width / Largeur* B m.m.	W1 / W2 / W4 / W5 C m.m.	TORNILLO *Screw / Vis* MxL m.m.	
ABS118017	ABS218017	ABS418017	ABS518017	**17-19**	**18**	0,6	5x35	100
ABS118020	ABS218020	ABS418020	ABS518020	**20-22**	**18**	0,6	5x35	100
ABS118023	ABS218023	ABS418023	ABS518023	**23-25**	**18**	0,6	5x35	100
ABS118026	ABS218026	ABS418026	ABS518026	**26-28**	**18**	0,6	5x35	100
ABS118029	ABS220029	ABS418029	ABS518029	**29-31**	**18 / 20 / 18 / 18**	0,6	5x35	100
ABS120032	ABS220032	ABS420032	ABS520032	**32-35**	**20**	1/0,6/1/1	6x50	100
ABS120036	ABS220036	ABS420036	ABS520036	**36-39**	**20**	1/0,6/1/1	6x50	90
ABS120040	ABS220040	ABS420040	ABS520040	**40-43**	**20**	1/0,6/1/1	6x50	75
ABS120044	ABS220044	ABS420044	ABS520044	**44-47**	**20**	1/0,8/1/1	6x50	70
ABS120048	ABS220048	ABS420048	ABS520048	**48-51**	**20**	1/0,8/1/1	6x50	60
ABS120052	ABS220052	ABS420052	ABS520052	**52-55**	**20**	1/0,8/1/1	6x50	60
ABS120056	ABS220056	ABS420056	ABS520056	**56-59**	**20**	1/0,8/1/1	6x55	50
ABS120060	ABS220060	ABS420060	ABS520060	**60-63**	**20**	1,2/0,8/1/1	6x55	40
ABS125064	ABS220064	ABS425064	ABS525064	**64-67**	**25 / 20 / 25 / 25**	1,5/0,8/1,2/1,2	8x70	60
ABS125068	ABS225068	ABS425068	ABS525068	**68-73**	**25**	1,5/0,8/1,2/1,2	8x70	52
ABS125074	ABS225074	ABS425074	ABS525074	**74-79**	**25**	1,5/0,8/1,2/1,2	8x70	48
ABS125080	ABS225080	ABS425080	ABS525080	**80-85**	**25**	1,5/0,8/1,2/1,2	8x70	44
ABS125086	ABS225086	ABS425086	ABS525086	**86-91**	**25**	1,5/0,8/1,2/1,2	8x70	36
ABS125092	ABS225092	ABS425092	ABS525092	**92-97**	**25**	1,5/0,8/1,2/1,2	8x70	32
ABS125098	ABS225098	ABS425098	ABS525098	**98-103**	**25**	1,5/0,8/1,2/1,2	8x80	24
ABS125104	ABS225104	ABS425104	ABS525104	**104-112**	**25**	1,5/0,8/1,2/1,2	8x80	24
ABS125113	ABS225113	ABS425113	ABS525113	**113-121**	**25**	1,5/0,8/1,2/1,2	8x80	20
ABS125122	ABS225122	ABS425122	ABS525122	**122-130**	**25**	1,5/0,8/1,2/1,2	8x80	16
ABS125131	ABS225131	ABS425131	ABS525131	**131-139**	**25**	1,5/1/1,2/1,2	8x90 / W2: M10x85	16
ABS125140	ABS225140	ABS425140	ABS525140	**140-148**	**25**	1,5/1/1,2/1,2	8x90 / W2: M10x85	12
ABS125149	ABS225149	ABS425149	ABS525149	**149-161**	**25**	1,8/1/1,5/1,5	8x90 / W2: M10x85	8
ABS125162	ABS225162	ABS425162	ABS525162	**162-174**	**25**	1,8/1/1,5/1,5	8x90 / W2: M10x85	8
ABS125175	ABS225175	ABS425175	ABS525175	**175-187**	**25**	1,8/1/1,5/1,5	8x90 / W2: M10x100	8
ABS125188	ABS225188	ABS425188	ABS525188	**188-200**	**25**	1,8/1/1,5/1,5	8x90 / W2: M10x100	8
ABS125201	ABS225201	ABS425201	ABS525201	**201-213**	**25**	1,8/1/1,5/1,5	8x90 / W2: M10x100	5
ABS125214	ABS225214	ABS425214	ABS525214	**214-226**	**25**	1,8/1/1,5/1,5	8x90 / W2: M10x100	5
ABS125227	ABS225227	ABS425227	ABS525227	**227-239**	**25**	1,8/1/1,5/1,5	8x90 / W2: M10x100	5

RESISTENCIA REC. / *REC. STRENGTH - (Nm)*	18mm	20mm	25mm
W1	5,5	8	20
W2	5,5	8	20
W4	8	10	20
W5	8	10	20





CARACTERÍSTICAS Y VENTAJAS

- Abrazadera para la unión de mangueras y tubos con altas presiones.
- Bordes biselados para evitar daños en el tubo.
- Recomendado para uso industrial y agrícola (transporte de fluídos).
- Apriete con tuerca hexagonal.

CHARACTERISTICS AND ADVANTAGES

- *Clamp for joining hoses and pipes with high pressures.*
- *Bevelled edges to avoid damage to the tube.*
- *Recommended for industrial and agricultural use (transport of fluids).*
- *Tighten with hexagonal nut*

CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / *QUALITY CODE OF THE MATERIAL USED*	
W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza en acero inoxidable A-2 y tornillo en acero cincado / *Band & head in stainless steel AISI 304 with zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

ABRAZADERA REFORZADA - M8 + M10

PIPE CLAMP M8 + M10
CLAMP RENFORCÉ M8 + M10
VERSTÄRKTKLEMM M8 + M10

W1 W4 W5

CAJA / *BOX / BOÎTE*

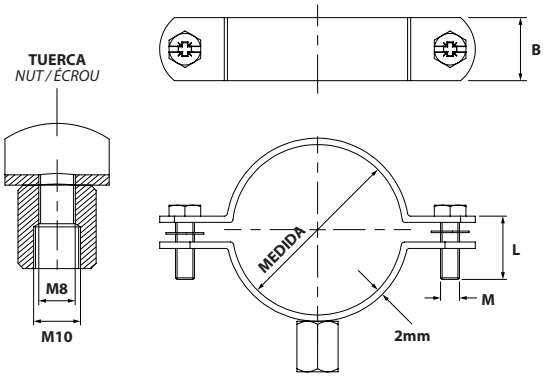
CÓDIGO *Code / Code* **W1** *W1*	CÓDIGO *Code / Code* **W4** *W4*	CÓDIGO *Code / Code* **W5** *W5*	MEDIDA *Measure / Mesure* **Ø** m.m.	APERTURA APROXIMADA *Range / Ouverture* **Ø max. - Ø min** ~ m.m.	ANCHO *Width / Largeur* **B** m.m.	TORNILLO *Screw / Vis* **MxL** m.m.	
ABR018	ABR2018	ABR4018	**18**	17-20	20	6x16	50
ABR022	ABR2022	ABR4022	**22**	20-25	20	6x16	50
ABR028	ABR2028	ABR4028	**28**	26-30	20	6x16	50
ABR035	ABR2035	ABR4035	**35**	32-36	20	6x16	50
ABR040	ABR2040	ABR4040	**40**	38-45	20	6x16	50
ABR048	ABR2048	ABR4048	**48**	47-51	20	6x20	50
ABR054	ABR2054	ABR4054	**54**	53-58	20	6x20	50
ABR060	ABR2060	ABR4060	**60**	60-64	20	6x20	50
ABR070	ABR2070	ABR4070	**70**	68-72	20	6x20	50
ABR075	ABR2075	ABR4075	**75**	74-80	20	6x20	50
ABR084	ABR2084	ABR4084	**84**	81-86	20	6x20	25
ABR090	ABR2090	ABR4090	**90**	87-92	20	6x20	25
ABR100	-	ABR4100	**100**	99-105	20	6x20	25
-	ABR2104	-	**104**	103-110	20	6x20	25
ABR110	ABR2110	ABR4110	**110**	107-112	20	6x25	25
ABR115	ABR2115	ABR4115	**115**	113-118	20	6x25	25
ABR125	ABR2125	ABR4125	**125**	125-130	20	6x25	25
ABR140	ABR2140	ABR4140	**140**	138-142	20	6x25	25
ABR150	ABR2150	ABR4150	**150**	148-152	20	6x25	25
ABR160	ABR2160	ABR4160	**160**	159-166	20	6x25	25
ABR180	ABR2180	ABR4180	**180**	179-184	20	6x25	25
ABR200	-	-	**200**	200-205	28	6x25	25
-	ABR2204	ABR4204	**204**	198-210	28	6x25	25
ABR220	ABR2220	ABR4220	**220**	215-220	28	6x30	25
ABR225	ABR2225	ABR4225	**225**	223-228	28	6x30	25
ABR250	ABR2250	ABR4250	**250**	249-254	28	6x30	25
ABR280	ABR2280	ABR4280	**280**	279-284	28	6x30	25
ABR300	ABR2300	ABR4300	**300**	299-304	28	6x30	25
ABR315	ABR2315	ABR4315	**315**	314-319	28	6x30	25
ABR350	ABR2350	ABR4350	**350**	349-354	28	6x30	25
ABR400	ABR2400	ABR4400	**400**	399-406	28	6x30	25
ABR450	-	-	**450**	449-456	28	6x30	25
ABR500	ABR2500	ABR4500	**500**	499-506	28	6x30	25

CARACTERÍSTICAS Y VENTAJAS

- Abrazadera reforzada para la sujeción de tubos.
- Tuerca de rosca métrica soldada en la base para la sujeción de la misma.
- Instalación rápida y sencilla.

CHARACTERISTICS AND ADVANTAGES

- *Reinforced clamp for holding tubes.*
- *Metric thread nut welded on the base to hold it.*
- *Quick and easy installation.*



CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / ***QUALITY CODE OF THE MATERIAL USED***

W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza en acero inoxidable A-2 y tornillo en acero cincado / *Band & head in stainless steel AISI 304 with zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

ABRAZADERA REFORZADA ISOFÓNICA - M8 + M10

RUBBER PIPE CLAMP M8 + M10
CLAMP RENFORCÉ EN CAOUTCHOUC M8 + M10
VERSTÄRKTKLEMM M8 + M10

EPDM W1 W4 W5

CAJA / *BOX / BOÎTE*

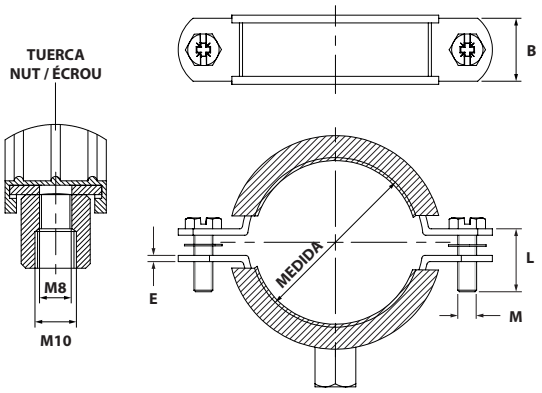
CÓDIGO *Code / Code* **W1** *W1*	CÓDIGO *Code / Code* **W4** *W4*	CÓDIGO *Code / Code* **W5** *W5*	MEDIDA *Measure / Mesure* **Ø** m.m.	APERTURA APROXIMADA *Range / Ouverture* **Ø max. - Ø min** ~ m.m.	ANCHO *Width / Largeur* **B** m.m.	TORNILLO *Screw / Vis* **MxL** m.m.	
ABIR018	ABIR2018	ABIR4018	**18**	17-20	20	6x16	50
ABIR022	ABIR2022	ABIR4022	**22**	20-25	20	6x16	50
ABIR028	ABIR2028	ABIR4028	**28**	26-30	20	6x16	50
ABIR035	ABIR2035	ABIR4035	**35**	32-36	20	6x16	50
ABIR040	ABIR2040	ABIR4040	**40**	38-45	20	6x16	25
ABIR048	ABIR2048	ABIR4048	**48**	47-51	20	6x20	25
ABIR054	ABIR2054	ABIR4054	**54**	53-58	20	6x20	25
ABIR060	ABIR2060	ABIR4060	**60**	60-64	20	6x20	25
ABIR070	ABIR2070	-	**70**	68-72	20	6x20	25
ABIR075	ABIR2075	ABIR4075	**75**	74-80	20	6x20	25
ABIR084	ABIR2084	ABIR4084	**84**	81-86	20	6x20	25
ABIR090	ABIR2090	ABIR4090	**90**	87-92	20	6x20	25
ABIR100	ABIR2100	ABIR4100	**100**	99-105	20	6x20	25
ABIR110	ABIR2110	ABIR4110	**110**	107-112	20	6x25	25
ABIR115	ABIR2115	ABIR4115	**115**	113-118	20	6x25	25
ABIR125	ABIR2125	ABIR4125	**125**	125-130	20	6x25	25
ABIR140	ABIR2140	ABIR4140	**140**	138-142	20	6x25	25
ABIR150	ABIR2150	ABIR4150	**150**	148-152	20	6x25	25
ABIR160	ABIR2160	ABIR4160	**160**	159-166	20	6x25	25
ABIR180	ABIR2180	ABIR4180	**180**	179-184	20	6x25	25
ABIR200	-	-	**200**	200-205	28	6x25	25
-	ABIR2204	ABIR4204	**204**	198-210	28	6x25	25
ABIR220	ABIR2220	ABIR4220	**220**	215-220	28	6x30	25
ABIR225	ABIR2225	ABIR4225	**225**	223-228	28	6x30	25
ABIR250	ABIR2250	ABIR4250	**250**	249-254	28	6x30	25
ABIR280	ABIR2280	ABIR4280	**280**	279-284	28	6x30	25
ABIR300	ABIR2300	ABIR4300	**300**	299-304	28	6x30	25
ABIR315	ABIR2315	ABIR4315	**315**	314-319	28	6x30	25
ABIR350	ABIR2350	ABIR4350	**350**	349-354	28	6x30	25
ABIR400	-	-	**400**	399-406	28	6x30	25
ABIR450	-	-	**450**	449-456	28	6x30	25
ABIR500	-	-	**500**	499-506	28	6x30	25

CARACTERÍSTICAS Y VENTAJAS

- Abrazadera reforzada para la sujeción de tubos.
- Cubierta interior en goma EPDM para evitar el daño y/o el deslizamiento del tubo.
- Tuerca de rosca métrica soldada en la base para la sujeción de la misma.

CHARACTERISTICS AND ADVANTAGES

- *Reinforced clamp for holding tubes.*
- *EPDM rubber inner cover to prevent damage and / or slippage of the tube.*
- *Metric thread nut welded on the base to hold it.*

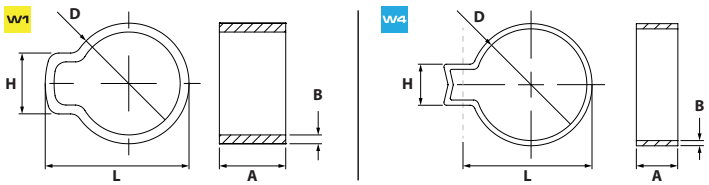


CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / *QUALITY CODE OF THE MATERIAL USED*	
W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza en acero inoxidable A-2 y tornillo en acero cincado / *Band & head in stainless steel AISI 304 with zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

ABRAZADERA 1 OREJA

SECURITY 1 EAR CLAMP
COLLIER À OREILLES
OHRSCHELLEN

W1 W4



CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W1 *W1*	CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* Ø max. - Ø min m.m.	A m.m.	B W1/W4 m.m.	D Ø m.m.	H m.m.	L m.m.	
A1O10709	A1O40709	**7-9**	6	0,8	9,3	5,5	13	500
A1O10810	A1O40810	**8-10**	6	0,8	10,3	6	14	500
A1O10911	A1O40911	**9-11**	6,5	0,8	11,3	6,5	15	500
A1O11012	A1O41012	**10-12**	6,5	0,8	12,3	7	16	500
A1O11113	A1O41113	**11-13**	6,5	0,9/0,8	13,3	7,5	17	500
A1O11214	A1O41214	**12-14**	7	1	14,3	8	18,5	500
-	A1O41315	**13-15**	7	1	15,3	8	19,5	500
A1O11416	A1O41416	**14-16**	7	1,1/1	16,3	8,5	20,5	500
A1O11618	A1O41618	**16-18**	7	1,2/1	18,5	9	23	500

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — W1

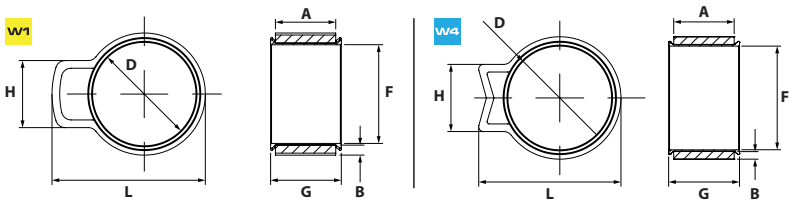
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Ø max. - Ø min m.m.		
BFA1O10709	**7-9**	100	12
BFA1O10911	**9-11**	100	12
BFA1O11012	**10-12**	100	12
BFA1O11113	**11-13**	75	12
BFA1O11618	**16-18**	50	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

ABRAZADERA 1 OREJA CON ANILLA

SECURITY 1 EAR CLAMP WITH RING
COLLIER À OREILLES AVEC ANNEAU
OHRSCHELLEN MIT RING

W1 W4



CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W1 *W1*	CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* Ø max. - Ø min m.m.	A m.m.	B W1/W4 m.m.	D Ø m.m.	F ØW1/ØW4 m.m.	G m.m.	H m.m.	L m.m.	
A1OA1075085	A1OAA2075085	**7,5 - 8,5**	6	0,8	9,3	8,5	7,8	5,5	13	250
A1OA1080095	A1OAA2080095	**8,0 - 9,5**	6	0,8	10,3	9,5	7,8	6	14	250
A1OA1090105	A1OAA2090105	**9,0 - 10,5**	6,5	0,8	11,3	10,5	7,8	6,5	15	250
A1OA1100115	A1OAA2100115	**10,0 - 11,5**	6,5	0,8	12,3	11,5	7,8	7	16	250
A1OA1105125	A1OAA2105125	**10,5 - 12,5**	6,5	0,9/0,8	13,3	12,5	7,8	7,5	17	250
A1OA1115135	A1OAA2115135	**11,5 - 13,5**	7	1	14,3	13,3/13,5	8,8	8	18,5	250
A1OA1130153	A1OAA2130153	**13,0 - 15,3**	7	1,1/1	16,3	15,3	8,8	8,5	20,5	250
-	A1OAA2140163	**14,0 - 16,3**	7	1	17,5	16,3	8,8	9	22	250
A1OA1150173	A1OAA2150173	**15,0 - 17,3**	7	1,2/1	18,5	17,3	8,8	9,5	23	250
-	A1OAA2160183	**16,0 - 18,3**	7,5	1	19,5	18,3	9,8	9,5	24	250
-	A1OAA2170193	**17,0 - 19,3**	7,5	1	20,5	19,3	9,8	10	25	250

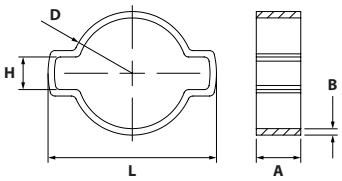
CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / ***QUALITY CODE OF THE MATERIAL USED***

W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza en acero inoxidable A-2 y tornillo en acero cincado / *Band & head in stainless steel AISI 304 with zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

ABRAZADERA 2 OREJAS

SECURITY 2 EARS CLAMP
COLLIER À DEUX OREILLES
ZWEI OHRSCHELLEN

W1 W4



CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* **W1** *W1*	CÓDIGO *Code / Code* **W4** *W4*	MEDIDA *Measure / Mesure* **Ø max. - Ø min** m.m.	A m.m.	B m.m.	D m.m.	H m.m.	L m.m.	
A2O0507	A2OA20507	**5-7**	6	0,6	7,3	4,3	11	500
A2O0709	A2OA20709	**7-9**	6	0,8	9,3	4,8	13,5	500
A2O0911	A2OA20911	**9-11**	6,5	0,8	11,3	5,3	17	500
A2O1012	-	**10-12**	6,5	0,9	12,3	5,5	18	500
A2O1113	A2OA21113	**11-13**	6,5	0,9	13,3	5,8	19	250
A2O1315	A2OA21315	**13-15**	7	1	15,3	6,3	21,5	250
A2O1417	A2OA21417	**14-17**	7	1,2	17,3	6,6	24	250
A2O1518	A2OA21518	**15-18**	7,5	1,2	18,5	7	25	250
A2O1720	A2OA21720	**17-20**	7,5	1,2	20,5	7,6	27	250
A2O1821	A2OA21821	**18-21**	8	1,2	21,5	7,9	28	250
A2O2023	A2OA22023	**20-23**	8	1,3	23,5	8,5	31	250
A2O2225	A2OA22225	**22-25**	8,5	1,4	25,5	9,1	33	100
A2O2327	-	**23-27**	8,5	1,4	27,5	9,4	35	100
A2O2528	-	**25-28**	9	1,4	28,5	10	36	100
A2O2831	-	**28-31**	9	1,4	31,5	10,6	39	100
A2O3134	-	**31-34**	9,5	1,4	34,5	11	42	100
A2O3437	-	**34-37**	9,5	1,6	37,5	11,5	46	100
A2O3740	-	**37-40**	10	1,6	40,5	12	49	100
A2O4043	-	**40-43**	10	1,6	43,5	12,5	53	100
A2O4346	-	**43-46**	10,5	1,6	46,5	13	56	100

CARACTERÍSTICAS Y VENTAJAS

- Anilla en acero cincado para la unión de tubos tanto de aire como de fluidos.
- La abrazadera es inviolable una vez montada.
- Su diseño redondeado evita daños en los tubos.

CHARACTERISTICS AND ADVANTAGES

- *Zinc-plated steel ring for the union of both air and fluid pipes.*
- *The clamp is inviolable once assembled.*
- *Its rounded design prevents damage to the tubes.*

ALICATE PARA ABRAZADERA OREJA

PLIERS FOR SECURITY CLAMP
PINCES POUR COLLIER À OREILLES
ZANGE FÜR OHRKLEMME

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	
AAO	1

ALICATE CON AGUJERO PARA ABRAZADERA OREJA

PLIERS WITH HOLE FOR SECURITY CLAMP
PINCES AVEC TROU POUR COLLIER À OREILLES
ZANGE MIT LOCH FÜR OHRKLEMME

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	
AAOA	1

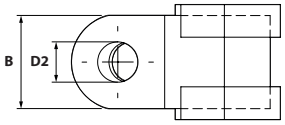
CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / *QUALITY CODE OF THE MATERIAL USED*

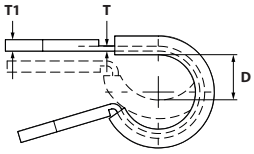
W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza en acero inoxidable A-2 y tornillo en acero cincado / *Band & head in stainless steel AISI 304 with zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

ABRAZADERA ISOFÓNICA TIPO "L" - DIN 3016

RUBBER LINED P-CLIP
COLLIERS DE FIXATION AVEC CAOUTCHOUC
ROHRSCHELLEN MIT GUMMIEINLAGE

W1 W4 EPDM





CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* B - 15mm W1	CÓDIGO *Code / Code* B - 15mm W4	CÓDIGO *Code / Code* B - 20mm W1	CÓDIGO *Code / Code* B - 20mm W4	CÓDIGO *Code / Code* B - 25mm W1	CÓDIGO *Code / Code* B - 25mm W4	MEDIDA *Measure / Mesure* D m.m.	T m.m.	T1 m.m.	D2 B-15/B-20/B-25 m.m.	
ABLI1506	ABLI21506	-	-	-	-	**6**	0,6	1,6	6,4/8,4/10,5	50
ABLI1508	ABLI21508	-	-	-	-	**8**	0,6	1,6	6,4/8,4/10,5	50
ABLI1510	ABLI21510	-	-	-	-	**10**	0,6	1,6	6,4/8,4/10,5	50
ABLI1512	ABLI21512	-	-	-	-	**12**	0,8	1,8	6,4/8,4/10,5	50
ABLI1514	ABLI21514	ABLI2014	ABLI22014	ABLI2514	ABLI22514	**14**	0,8	1,8	6,4/8,4/10,5	50
ABLI1516	ABLI21516	ABLI2016	ABLI22016	ABLI2516	ABLI22516	**16**	0,8	1,8	6,4/8,4/10,5	50
ABLI1518	ABLI21518	ABLI2018	ABLI22018	ABLI2518	ABLI22518	**18**	0,8	1,8	6,4/8,4/10,5	50
ABLI1520	ABLI21520	ABLI2020	ABLI22020	ABLI2520	ABLI22520	**20**	0,8	1,8	6,4/8,4/10,5	50
ABLI1522	ABLI21522	ABLI2022	ABLI22022	ABLI2522	ABLI22522	**22**	0,8	1,8	6,4/8,4/10,5	50
ABLI1524	ABLI21524	ABLI2024	ABLI22024	ABLI2524	ABLI22524	**24**	0,8	1,8	6,4/8,4/10,5	50
ABLI1526	ABLI21526	ABLI2026	ABLI22026	ABLI2526	ABLI22526	**26**	0,8	1,8	6,4/8,4/10,5	50
ABLI1528	ABLI21528	ABLI2028	ABLI22028	ABLI2528	ABLI22528	**28**	0,8	1,8	6,4/8,4/10,5	25
ABLI1530	ABLI21530	ABLI2030	ABLI22030	ABLI2530	ABLI22530	**30**	0,8	1,8	6,4/8,4/10,5	25
ABLI1532	ABLI21532	ABLI2032	ABLI22032	ABLI2532	ABLI22532	**32**	0,8	1,8	6,4/8,4/10,5	25
ABLI1534	ABLI21534	ABLI2034	ABLI22034	ABLI2534	ABLI22534	**34**	0,8	1,8	6,4/8,4/10,5	25
ABLI1536	ABLI21536	ABLI2036	ABLI22036	ABLI2536	ABLI22536	**36**	0,8	1,8	6,4/8,4/10,5	25
ABLI1538	ABLI21538	ABLI2038	ABLI22038	ABLI2538	ABLI22538	**38**	0,8	1,8	6,4/8,4/10,5	25
ABLI1540	ABLI21540	ABLI2040	ABLI22040	ABLI2540	ABLI22540	**40**	0,8	1,8	6,4/8,4/10,5	25
ABLI1542	ABLI21542	ABLI2042	ABLI22042	ABLI2542	ABLI22542	**42**	0,8	1,8	6,4/8,4/10,5	20
ABLI1544	ABLI21544	ABLI2044	ABLI22044	ABLI2544	ABLI22544	**44**	0,8	1,8	6,4/8,4/10,5	20
ABLI1546	ABLI21546	ABLI2046	ABLI22046	ABLI2546	ABLI22546	**46**	0,8	1,8	6,4/8,4/10,5	10
ABLI1548	ABLI21548	ABLI2048	ABLI22048	ABLI2548	ABLI22548	**48**	0,8	1,8	6,4/8,4/10,5	10
ABLI1550	ABLI21550	ABLI2050	ABLI22050	ABLI2550	ABLI22550	**50**	0,8	1,8	6,4/8,4/10,5	10

CARACTERÍSTICAS Y VENTAJAS

- Abrazadera de acero con cubierta interior en goma EPDM.
- Apta para la sujeción de tubo, cableado eléctrico, mangueras, etc.
- La cubierta interior protege el tubo en la instalación y evita el deslizamiento.
- Instalación rápida y sencilla con multitud de aplicaciones.

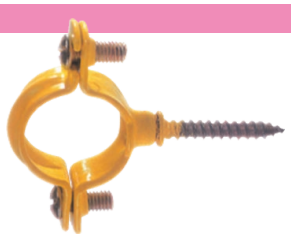
CHARACTERISTICS AND ADVANTAGES

- *Steel clamp with EPDM rubber inner cover.*
- *Suitable for tube clamping, electrical wiring, hoses, etc.*
- *The inner cover protects the pipe in the installation and prevents slippage.*
- *Quick and easy installation with many applications.*

ABRAZADERA PLASTIFICADA GAS CON TORNILLO

PLASTIC GAS HOSE CLAMP WITH SCREW
COLLIER EN PLASTIQUE GAZ AVEC VIS
KUNSTSTOFFKLEMM GAS MIT SCHRAUBE

BC



CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Ø m.m.	APERTURA / W1 *Range / Ouverture* Ø max. - Ø min m.m.	
ABTPT12	**12**	11-12	100
ABTPT15	**15**	15-16	100
ABTPT18	**18**	17-18	100
ABTPT22	**22**	21-22	50
ABTPT28	**28**	27-28	50
ABTPT35	**35**	34-35	50

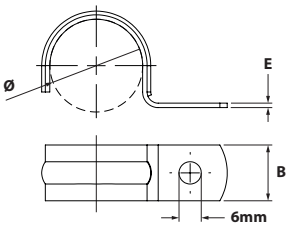
GRAPA PUENTE SIMPLE 1 PATA

S-SHAPPED SAD. CLIP 1 TAB
AGRAFE SIMPLE 1 PATTE
BRÜCKE CLIP FÜR ROHRLEITUNG

W1 W4

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W1 *W1*	CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* Ø m.m.	BxE m.m.	
GP1P08	-	**8**	15x1,2	100
GP1P10	-	**10**	15x1,2	100
GP1P12	GP1PA212	**12**	15x1,2	100
GP1P14	-	**14**	15x1,2	100
GP1P16	GP1PA216	**16**	15x1,2	100
GP1P18	GP1PA218	**18**	15x1,2	100
GP1P20	GP1PA220	**20**	15x1,2	100
GP1P22	GP1PA222	**22**	15x1,2	100
GP1P25	GP1PA225	**25**	15x1,2	100
GP1P26	-	**26**	15x1,2	100
GP1P28	GP1PA228	**28**	15x1,2	100
GP1P32	GP1PA232	**32**	15x1,2	100
GP1P40	-	**40**	15x1,2	50
GP1P42	GP1PA242	**42**	15x1,2	50
GP1P47	-	**47**	16x1,5	50



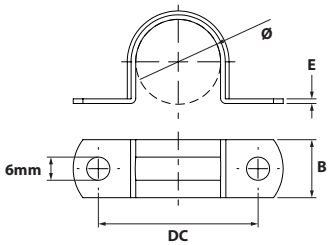
GRAPA PUENTE SIMPLE 2 PATAS

S-SHAPPED SAD. CLIP 2 TABS
AGRAFE SIMPLE 2 PATTES
BRÜCKE CLIP FÜR ROHRLEITUNG

W1 W4

CAJA / *BOX / BOÎTE*

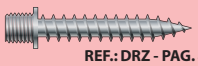
CÓDIGO *Code / Code* W1 *W1*	CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* Ø m.m.	BxE m.m.	DC m.m.	
GP2P08	-	**8**	15x1	24,5	100
GP2P10	-	**10**	15x1	26	100
GP2P12	-	**12**	15x1	32,2	100
GP2P14	-	**14**	15x1	36,7	100
GP2P16	-	**16**	15x1	34	100
GP2P18	GP2PA218	**18**	15x1	40,3	100
GP2P20	-	**20**	15x1	41,5	100
GP2P22	GP2PA222	**22**	15x1,2	44	100
GP2P25	GP2PA225	**25**	15x1,2	48,5	100
GP2P26	GP2PA226	**26**	15x1,2	49,5	100
GP2P28	GP2PA228	**28**	15x1,2	51,5	100
GP2P32	-	**32**	16x1,5	56,5	50
GP2P40	-	**40**	16x1,5	61	50
GP2P42	GP2PA242	**42**	16x1,5	67,2	50
GP2P47	-	**47**	16x1,5	74,3	50
GP2P50	GP2PA250	**50**	16x1,5	74,4	50
GP2P63	-	**63**	16x1,5	94,2	50
GP2P75	-	**75**	16x1,5	106,6	50
GP2P90	-	**90**	20x2	122	50



ABRAZADERA DE TUBO SIMPLE M-6 BICROMATADA

YELLOW ZINC PLATED SIMPLE CLAMP M-6
COLLIER SERRAGE M-6 BICHROMATÉ
EINFACH KLEMM M-6 GELB VERZINKT

BC

* 
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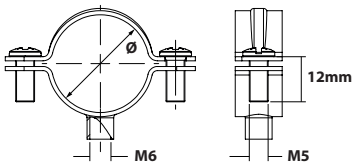


CAJA / *BOX / BOÎTE* — BICROMATADO / *YELLOW ZP.*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Ø m.m.	MEDIDA *Measure / Mesure* Inch.	Tornillo recomendado * *Recommended Screw* *Vis recommandé* m.m.	
ABTS610	**10**	**1/2**	DRZ - M6x30	100
ABTS612	**12**	**1/4**	DRZ - M6x30	100
ABTS615	**15**	**-**	DRZ - M6x30	100
ABTS616	**16**	**3/8**	DRZ - M6x30	100
ABTS618	**18**	**-**	DRZ - M6x30	100
ABTS622	**22**	**1/2**	DRZ - M6x30	100
ABTS626	**26**	**3/4**	DRZ - M6x30	100
ABTS632	**32**	**-**	DRZ - M6x30	50
ABTS635	**35**	**1"**	DRZ - M6x30	50

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — BICROMATADO / *YELLOW ZP.*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Ø m.m.		
BFABTS610	**10**	20	12
BFABTS612	**12**	20	12
BFABTS615	**15**	20	12
BFABTS618	**18**	15	12
BFABTS622	**22**	10	12
BFABTS626	**26**	4	12
BFABTS632	**32**	4	12

CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / *QUALITY CODE OF THE MATERIAL USED*

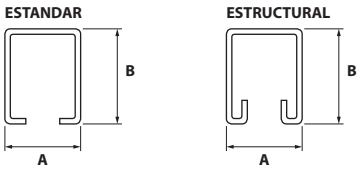
- **W1** - Totalmente en acero cincado / *Fully zinc plated steel*
- **W2** - Cinta y cabeza acero inox. A-2 tornillo acero cincado / *Band & head in S.S. AISI 304 zinc plated screw*
- **W4** - Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
- **W5** - Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

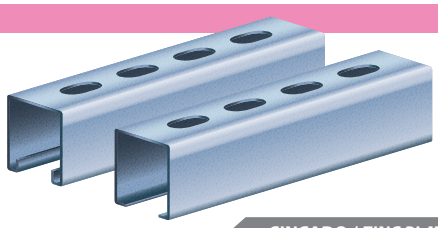
PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CARRIL PERFORADO

SLOTTED CHANNEL
GOUTTIÈRE PERFORÉ
LOCHSCHIENEN

ESTANDAR ZN ESTRUCT.





CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code* ESTANDAR *Standard*	CÓDIGO *Code / Code* ESTRUCTURAL *Structural*	MEDIDA *Measure / Mesure* AxB m.m.	C m.m.	LONGITUD *Length / Longeur* m.m.	
CARRIL22010	-	**20x10**	1,00	2.000	1
CARRIL22718	-	**27x18**	1,25	2.000	1
CARRIL22830	-	**28x30**	1,75	2.000	1
CARRIL23840	-	**38x40**	2,00	2.000	1
CARRIL24121	-	**41x21**	1,50	2.000	1
CARRIL24141	-	**41x41**	1,50	2.000	1
-	CARRILE24141	**41x41**	2,50	2.000	1

SOPORTES PARA CARRIL

CHANNEL SUPPORTS
SUPPORT POUR GOUTTIÈRE
UNTERSTÜTZUNG FÜR LOCHSCHIENEN

VERTICAL ZN HORIZON.

CAJA / *BOX / BOÎTE*

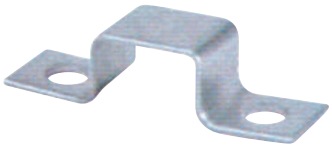
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code* VERTICAL *Vertical*	CÓDIGO *Code / Code* HORIZONTAL *Horizontal*	MEDIDA *Measure / Mesure* m.m.	CARRIL *Gutter / Gouttiere* m.m.	
SCV0816	SCH0816	**8x16**	27x18 / 28x30	1
SCV1016	SCH1016	**10x16**	38x40 / 40x20	1

PUENTE GUÍA

CHANNEL CLAMP
COLLIER POUR GOUTTIÉRE
KLEMM FÜR LOCHSCHIENEN

ZN



CAJA / *BOX / BOÎTE*

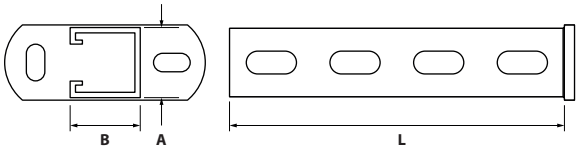
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	
PG2718	**27x18**	50
PG2830	**28x30**	50
PG4141	**41x41**	50

SOPORTES PARA CARRIL PERFORADO

SLOTTED CHANNEL SUPPORT
SUPPORT POUR GOUTTIÈRE PERFORÉ
UNTERSTÜTZUNG FÜR LOCHSCHIENEN

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* AxB m.m.	LONGITUD *Length / Longeur* L m.m.	
SCP27180200	**27x18**	200	10
SCP27180300	**27x18**	300	10
SCP38400300	**38x40**	300	10
SCP38400400	**38x40**	400	10
SCP38400500	**38x40**	500	10
SCP38400600	**38x40**	600	10
SCP41210300	**41x21**	300	10
SCP41210400	**41x21**	400	10
SCP41410200	**41x41**	200	10
SCP41410300	**41x41**	300	10
SCP41410400	**41x41**	400	10
SCP41410600	**41x41**	600	10

TUERCAS PARA CARRIL PERFORADO

CHANNEL NUTS
ÉCROU POUR GOUTTIÈRE PERFORÉ
MUTTER FÜR LOCHSCHIENEN

PLANA 20 PLANA 27 PLANA 38 ESTRIADA MUELLE 21 MUELLE 41 ZN

CAJA / *BOX / BOÎTE*

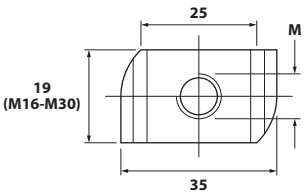
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code* **PLANA** *Flat*	**CÓDIGO** *Code / Code* **ESTRIADA** *Grooved*	**CÓDIGO** *Code / Code* **MUELLE** *Spring*	**MEDIDA** *Measure / Mesure* **M** m.m.	**CARRIL** *Gutter / Gouttiere* m.m.	
CARRIL2006	-	-	**M6**	20/25	100
CARRIL2008	-	-	**M8**	20/25	100
CARRIL2706	-	-	**M6**	25/27	100
CARRIL2708	-	-	**M8**	25/27	100
CARRIL2710	-	-	**M10**	25/27	100
CARRIL3808	-	-	**M8**	38	100
CARRIL3810	-	-	**M10**	38	100
	CARRIL4108	-	**M8**	41	100
	CARRIL4110	-	**M10**	41	100
	CARRIL4112	-	**M12**	41	100
	-	TCM1308	**M8**	41x21	100
	-	TCM1310	**M10**	41x21	100
	-	TCM1312	**M12**	41x21	100
	-	TCM3808	**M8**	41x41	100
	-	TCM3810	**M10**	41x41	100
	-	TCM3812	**M12**	41x41	100

TUERCAS RÁPIDA PARA CARRIL

QUICK CHANNEL NUT
ÉCROU RAPIDE POUR GOUTTIÈRE PERFORÉ
SCHNELLE MUTTER FÜR LOCHSCHIENEN

ZN NY

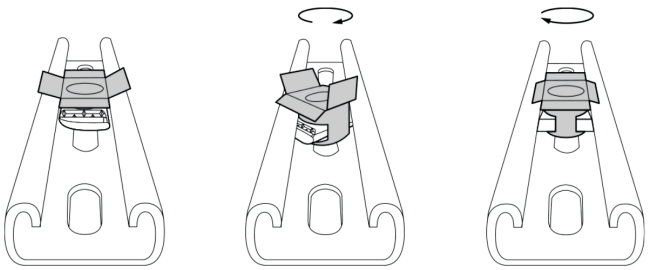


CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code* **PLANA** *Flat*	**MEDIDA** *Measure / Mesure* **M** m.m.	**CARRIL** *Gutter / Gouttiere* m.m.	**GROSOR** *Thickness / Épaisseur* m.m.	
TCR06	**M6**	41	6	100
TCR08	**M8**	41	6	100
TCR10	**M10**	41	8	100

INSTALACIÓN / *INSTALLATION*



CARACTERÍSTICAS Y VENTAJAS

- Un tipo para todos los carriles en puntal
- Montaje sencillo y rápido con una sola mano
- Una vez girada se mantiene fija en el carril, ideal para carriles de montaje vertical
- Después del montaje se puede desplazar ligeramente
- El muelle no se atasca en el carril perforado

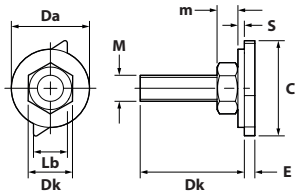
CHARACTERISTICS AND ADVANTAGES

- *One type for all strut channels*
- *Simple and fast mounting with one hand*
- *Holds after rotation in the rail, ideal for vertically installed channels*
- *Remains easy to move after mounting*
- *No jamming of the spring in perforated channels*

TORNILLOS PARA CARRIL PERFORADO

HAMMER HEAD BOLTS FOR CHANNELS
VIS POUR GOUTTIÈRE PERFORÉ
SCHRAUBEN FÜR LOCHSCHIENEN

27mm 38mm 41mm ZN



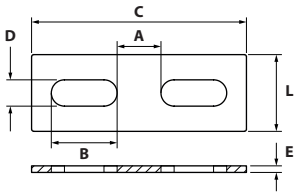
CAJA / *BOX / BOÎTE* — CINCADO / *ZINC PLATED*

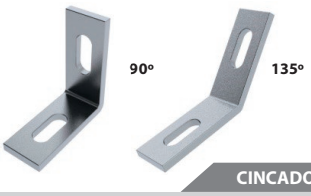
CÓDIGO Code / Code PLANA Flat	CÓDIGO Code / Code ESTRIADA Grooved	MEDIDA Measure / Mesure MxL m.m.	CARRIL Gutter / Gouttiere m.m.	Da m.m.	S m.m.	Dk m.m.	m m.m.	Lb m.m.	E m.m.	C m.m.	
TC2706020	-	**6x20**	27	24	2	13	6,5	13,5	4	28,8	100
TC2708030	-	**8x30**	27	24	2	13	6,5	13,5	4	28,8	100
TC3808030	-	**8x30**	38	24	2	13	6,5	13,5	4	28,8	100
TC3810030	-	**10x30**	38	30	2,5	17	8	13	5	36,5	100
-	TC4108040	**8x40**	41	24	2	13	6,5	13,5	4	28,8	100
-	TC4110040	**10x40**	41	30	2,5	17	8	13	5	36,5	100

ESCUADRAS PERFORADAS

HOLE CORNER ANGLES
CARRÉS POUR GOUTTIÈRE
SQUARE FÜR LOCHSCHIENEN

ZN





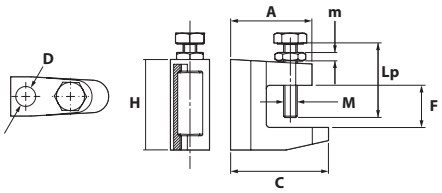
CAJA / *BOX / BOÎTE* — CINCADO / *ZINC PLATED*

CÓDIGO Code / Code 90º 90º	CÓDIGO Code / Code 135º 135º	CARRIL Channel / Gouttière	C m.m.	L m.m.	E m.m.	A m.m.	BxD m.m.	
EP090	-	**27x18 / 28x30**	85	24	5	15	16x10	100
-	EP135	**27x18 / 28x30 / 38x40**	110	24	3	30	27x11	100

MORDAZA PARA VIGA

BEAM FIXER
PINCE DE FIXATION
KLEMME FÜR STAHLRÄGER

ZN



CAJA / *BOX / BOÎTE* — * CINCADO / *ZINC PLATED*

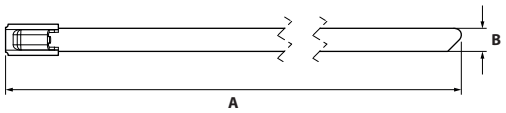
CÓDIGO Code / Code MÉTRICA Metric	CÓDIGO Code / Code PASANTE Pass-through	MEDIDA Measure / Mesure D m.m.	M x Lp m.m.	Dk x m m.m.	H m.m.	C m.m.	A m.m.	F m.m.	
MORDAZAM08	-	**M8**	M8x35	13x4	37	37,5	35	18	50
MORADZAM10	-	**M10**	M10x40	16x5	42	44	41	20	50
MORDAZAM12	-	**M12**	M10x45	16x5	54,5	59	49	26	50
-	MORDAZAP09	**Ø9**	M8x35	13x4	36	38,5	35	18	50
-	MORDAZAP11	**Ø11**	M10x40	16x5	42	44	41	20	50
-	MORDAZAP13	**Ø13**	M10x45	16x5	54,5	59	48	26	50

* Tornillo DIN 933 8.8 cincado, Tuerca DIN 936 [8] cincada, Mordaza hierro fundido / *Zinc plated Screw DIN 933 8.8, Zinc plated nut DIN 936 [8], Cast iron beam fixer*
Vis zinguée DIN 933 8.8, Écrou zingué DIN 936 [8], Fixateur de poutre en fonte / Verzinkte Schraube DIN 933 8.8, Verzinkte Mutter DIN 936 [8], Trägerbefestigung aus Gusseisen

BRIDA METÁLICA CINTA INOXIDABLE A-2

CABLE TIE - STAINLESS STEEL AISI 304
COLLIER EN ACIER INOX. A-2
KABELBINDER - EDELSTAHL A-2

A2



BOLSA / *BAG / SAC* — **INOX. A-2 / *S.S. AISI 304***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* BxA m.m.	
BMA2046200	**4,6x200**	25
BMA2046300	**4,6x300**	25
BMA2046350	**4,6x350**	25
BMA2079400	**7,9x400**	25

BOLSA / *BAG / SAC* — **INOX. A-2 / *S.S. AISI 304***

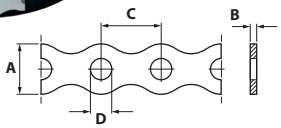
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* BxA m.m.	
BMA2079500	**7,9x500**	25
BMA2079550	**7,9x550**	25
BMA2130600	**13x600**	10
BMA2130700	**13x700**	10

CINTA PERFORADA ONDULADA

WAVY PERFORATED ROLL TAPE
RUBAN PERFORÉ ONDULÉ
WELLENF LOCHBAND

W1

W4



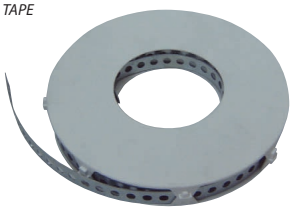
CAJA / *BOX / BOÎTE*

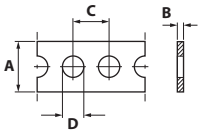
CÓDIGO *Code / Code*	CÓDIGO *Code / Code*	MEDIDA *Measure* A m.m.	LONGITUD *Length* m	B m.m.	C m.m.	D m.m.	
W1 *W1*	W4 *W4*						
CPG12	CPG412	**12**	10	0,8	14	5	10
CPG17	CPG417	**17**	10	0,8	20	7	10

CINTA PERFORADA RECTA

STRAIGHT PERFORATED ROLL TAPE
RUBAN PERFORÉ DROITE
GERADEN LOCHBAND

W1





CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure* A m.m.	LONGITUD *Length* m	B m.m.	C m.m.	D m.m.	
W1 *W1*						
CPR12	**12**	10	0,8	14	5	10
CPR17	**17**	10	0,8	20	7	10
CPR25	**25**	10	1	25	9	10

CINTA PERFORADA EN BLISTER

PERFORATED BAND IN BLISTER
BANDE PERFORÉE SOUS BLISTER
PERFORIERTES BAND IM BLISTER

W2

BLISTER / *BLISTER / BLISTER*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	LONGITUD *Length / Longeur*	CIERRES *Fastener / Fermetures*	
W2 *W2*	m.m.	m		
BCP08	**8**	3	8	1
BCP13	**13**	3	6	1

BASE RECTANGULAR PARA ABRAZADERA INOXIDABLE A-4

STAINLESS STEEL AISI 316 RECTANGULAR BASE WITH NUT
BASE RECTANGULAIRE POUR CLAMP EN ACIER INOX. A-4
RECHTECKIGEN GRUND MIT MUTTER - EDELSTAHL A-4

A4

CAJA / *BOX / BOÎTE* — **INOX. A-2 / *S.S. AISI 316***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	
BRA	**M8/M10**	1

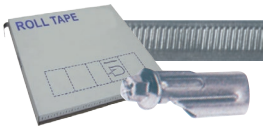
CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / *QUALITY CODE OF THE MATERIAL USED*

W1	- Totalmente en acero cincado / *Fully zinc plated steel*
W2	- Cinta y cabeza acero inox. A-2 tornillo acero cincado / *Band & head in S.S. AISI 304 zinc plated screw*
W4	- Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
W5	- Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

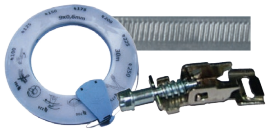
ROLLOS DE CINTA NO PERFORADA

NON PERFORATED ROLL TAPES
ROULEAU EN BANDE NON PERFORÉES
NICHT PERFORIERTE ROLLENBÄNDER

W2 W4



RNBG / CNBG



RNCP / CNCP

RNBD / CNBD

W4

RNBG — CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* m.m.	LONGITUD *Length / Longeur* m	
RNBG412	**12**	30	1

W4

CNBG — CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* m.m.	
CNBG412	**12**	50

W2 W4

RNCP — CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W2 *W2*	CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* m.m.	LONGITUD *Length / Longeur* m	
RNCP209	RNCP409	**9**	30	1
RNCP212	RNCP412	**12**	30	1

W2 W4

CNCP — CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W2 *W2*	CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* m.m.	
CNCP209	CNCP409	**9**	50
CNCP212	CNCP412	**12**	50

W4

RNBD — CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* m.m.	LONGITUD *Length / Longeur* m	
RNBD095	**9,5**	30	1
RNBD130	**13**	30	1
RNBD158	**15,8**	30	1
RNBD190	**19**	30	1

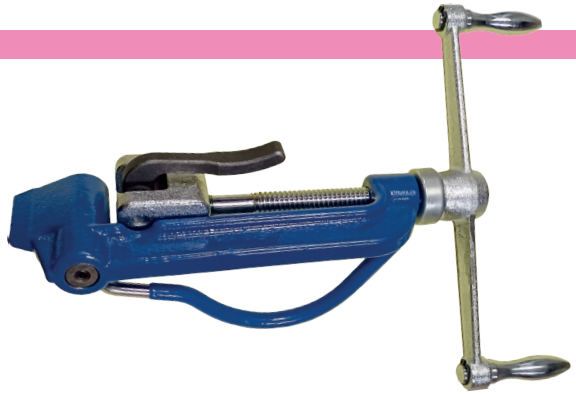
W4

CNBD — CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code* W4 *W4*	MEDIDA *Measure / Mesure* m.m.	
CNBD095	**9,5**	100
CNBD130	**13**	100
CNBD158	**15,8**	100
CNBD190	**19**	100

MÁQUINA DE CIERRE PARA CINTA NBD

CLOSING MACHINE FOR NBD TAPE
MACHINE DE FERMETURE POUR BANDE NBD
SCHLIEßMASCHINE FÜR NBD BAND



CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	CAPACIDAD *Capacity / Capacité* m.m.	
MRNBD	**9,5-19**	1

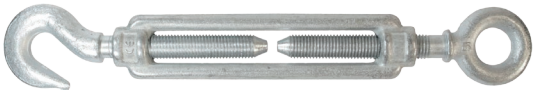
CÓDIGO DE CALIDAD DEL MATERIAL UTILIZADO / *QUALITY CODE OF THE MATERIAL USED*

- **W1** - Totalmente en acero cincado / *Fully zinc plated steel*
- **W2** - Cinta y cabeza acero inox. A-2 tornillo acero cincado / *Band & head in S.S. AISI 304 zinc plated screw*
- **W4** - Totalmente en acero inoxidable A-2 / *Fully stainless steel AISI 304*
- **W5** - Totalmente en acero inoxidable A-4 / *Fully stainless steel AISI 316*

TENSOR ARO - GANCHO CINCADO

TURNBUCKLES WITH EYE AND HOOK ZINC PLATED
TENDEURS ANNEAU ET CROCHET EN ACIER ZINGUÉ
SPANNSCHLÖSSER MIT HAKEN UND ÖSE VERZINKT

ZN



CAJA / *BOX / BOÎTE*

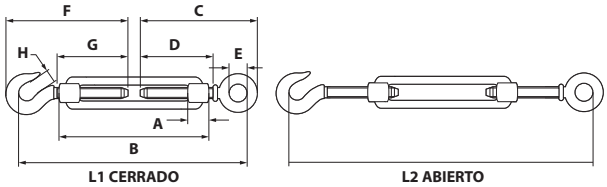
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	D m.m.	E m.m.	F m.m.	G m.m.	H m.m.	L1 m.m.	L2 m.m.	PESO *Weight / Poids* Kg.	
TAGZ05	**5**	50	9	79	59	40	8	62	40	6	110	172	0,05	100
TAGZ06	**6**	75	10	88	74	50	10	76	50	8,5	140	208	0,06	50
TAGZ08	**8**	165	12	110	80	52	11	89	52	10	155	240	0,12	30
TAGZ10	**10**	235	15	130	97	60	14	103	62	12	184	284	0,24	20
TAGZ12	**12**	320	18	140	106	67	17	121	65	16	208	312	0,38	10
TAGZ14	**14**	420	20	170	126	83	18	144	82	16	247	377	0,56	40
TAGZ16	**16**	530	22,5	190	160	97	23	172	105	16,5	302	450	0,94	10
TAGZ20	**20**	730	30	220	190	116	25	185	110	17,5	340	500	1,48	10
TAGZ22	**22**	1.120	33	242	200	120	30	216	125	23	527	527	2,13	5
TAGZ24	**24**	1.550	39	255	210	125	34	225	135	23	390	568	2,84	5

BLISTER / *BLISTER / BLISTER*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.		
BTAGZ	**5**	4	12

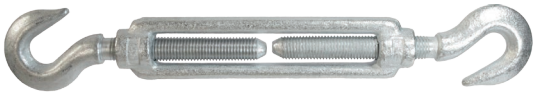


PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

TENSOR GANCHO - GANCHO CINCADO

TURNBUCKLES WITH TWO HOOKS ZINC PLATED
TENDEURS À DEUX CROCHETS EN ACIER ZINGUÉ
SPANNSCHLÖSSER MIT ZWEI HAKEN

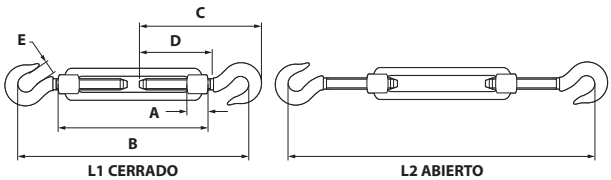
ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

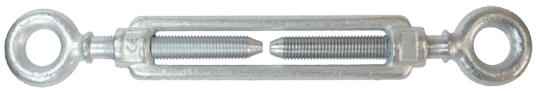
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	D m.m.	E m.m.	L1 m.m.	L2 m.m.	PESO *Weight / Poids* Kg.	
TGGZ05	**5**	50	9	79	62	40	6	112	173	0,05	100
TGGZ06	**6**	75	10	88	76	50	8,5	140	208	0,07	50
TGGZ08	**8**	165	12	110	89	52	10	246	246	0,12	30
TGGZ10	**10**	235	15	130	103	62	12	188	288	0,27	20
TGGZ12	**12**	320	18	140	121	65	16	220	324	0,42	10
TGGZ14	**14**	420	20	170	144	82	16	260	390	0,62	40
TGGZ16	**16**	530	22,5	190	172	105	16,5	312	452	0,95	10
TGGZ20	**20**	730	30	220	185	110	17,5	330	490	1,54	10
TGGZ22	**22**	1.120	33	242	216	125	23	390	566	2,25	5
TGGZ24	**24**	1.550	39	255	225	125	23	396	573	2,92	5



TENSOR ARO - ARO CINCADO

TURNBUCKLES WITH TWO EYES ZINC PLATED
TENDEURS À DEUX ANNEAUX EN ACIER ZINGUÉ
SPANNSCHLÖSSER MIT ZWEI ÖSEN

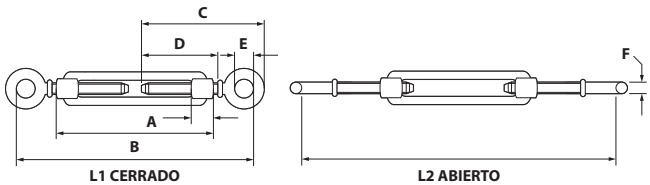
ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	* CMU	A	B	C	D	E	F	L1	L2	PESO *Weight / Poids*	
	m.m.	Kg	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
TAAZ05	**5**	140	9	79	59	40	8	4	110	170	0,04	100
TAAZ06	**6**	225	10	88	74	50	10	4	140	208	0,06	50
TAAZ08	**8**	410	12	110	80	52	11	5	150	236	0,15	30
TAAZ10	**10**	650	15	130	97	60	14	6,5	180	280	0,21	20
TAAZ12	**12**	930	18	140	106	67	17	8	196	300	0,34	10
TAAZ14	**14**	1.330	20	170	126	83	18	8,5	233	365	0,50	40
TAAZ16	**16**	1.770	22,5	190	160	97	23	13	294	440	0,93	10
TAAZ20	**20**	2.200	30	220	190	116	25	14	352	510	1,42	10
TAAZ22	**22**	3.300	33	242	200	120	30	16	368	544	2,11	5
TAAZ24	**24**	3.920	39	255	210	125	34	17	386	563	2,76	5



TENSOR HORQUILLA - HORQUILLA CINCADO DIN 1480

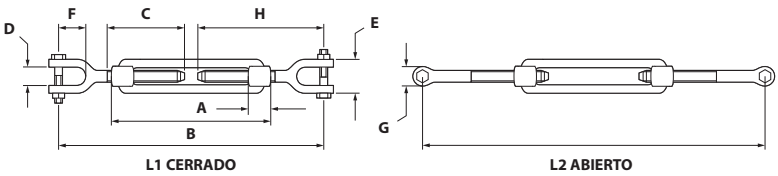
ZINC PLATED TURNBUCKLES WITH TWO JAWS DIN 1480
TENDEURS À DEUX CHAPES EN ACIER ZINGUÉ DIN 1480
SPANNSCHLÖSSER MIT ZWEI GABELN DIN 1480

ZN

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	* CMU	A	B	C	D	E	F	G	H	L1	L2	TORNILLO *Screw / Vis*	PESO *Weight / Poids*	
	m.m.	Kg	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
THHZ06	**6**	230	12	110	55	7	19	19	12	87	174	260	5x25	0,09	30
THHZ08	**8**	230	15	110	55	9	23	25	14	95	190	270	6x31	0,22	15
THHZ10	**10**	440	18	125	68	11	26	25	17	111	222	312	8x36	0,33	10
THHZ12	**12**	600	21	125	69	15	32	37	24	122	244	328	10x40	0,58	10
THHZ14	**14**	600	22	140	88	19	37	41	30	155	310	395	12x50	1,04	10
THHZ16	**16**	800	27	170	91	20	41	45	32	166	332	435	12x50	1,21	15
THHZ20	**20**	1.650	34	200	111	25	50	48	40	189	378	510	16x60	2,14	8
THHZ22	**22**	2.600	36	220	120	30	61	55	45	209	418	565	20x65	3,37	5
THHZ24	**24**	2.600	39	255	130	31	68	62	52	247	494	672	22x75	3,77	5



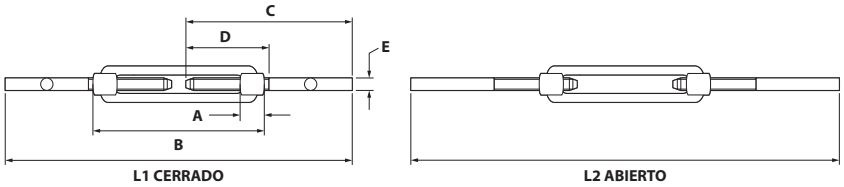
TENSOR VARILLA - VARILLA CINCADO DIN 1480

ZINC PLATED TURNBUCKLES WITH STUBENDS DIN 1480
TENDEURS À SOUDER EN ACIER ZINGUÉ DIN 1480
SPANNSCHLÖSSER MIT ZWEI ANSCHWEISSENDEN DIN 1480

ZN

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

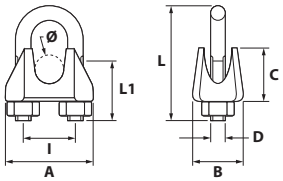
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	* CMU	A	B	C	D	E	L1	L2	PESO *Weight / Poids*	
	m.m.	Kg	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
TVVZ08	**8**	410	15	110	120	65	7,05	240	338	0,14	120
TVVZ10	**10**	650	18	125	150	75	8,80	300	407	0,27	60
TVVZ12	**12**	930	21	125	150	75	10,70	300	407	0,40	40
TVVZ14	**14**	1.320	24	140	180	90	12,70	360	477	0,60	30
TVVZ16	**16**	1.770	27	170	200	100	14,50	400	543	0,95	20
TVVZ20	**20**	2.700	34	200	220	120	18,70	440	606	1,64	12
TVVZ24	**24**	3.920	39	255	260	150	22,50	520	736	2,83	6
TVVZ30	**30**	6.250	45	255	260	175	27,50	520	736	4,45	1



SUJETACABLES CINCADO DIN 741

WIRE ROPE CLIPS CAST IRON DIN 741 - ZINC PLATED
SERRE CÂBLES EN FONTE DIN 741 EN ACIER ZINGUÉ
DRAHTSEILKLEMMEN DIN 741 VERZINKT

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	CABLE *Wire rope / Câble*	A	B	C	D	I	L	L1	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
741Z03	**3**	3	21	10	10	M 4	9	20	12	0,01	100
741Z05	**5**	5	24	11	10	M 5	11	24	13	0,02	100
741Z06	**6**	6,5	26	12	11	M 5	13	28	15	0,02	100
741Z08	**8**	8	30	14	15	M 6	16	34	19	0,02	50
741Z10	**10**	10	37	20	19	M 8	20	42	22	0,06	50
741Z12	**12**	13	44	25	23	M10	25	55	30	0,11	25
741Z14	**14**	14	46	25	25	M10	27	57	30	0,12	25
741Z16	**16**	16	52	28	28	M12	30	63	33	0,15	20
741Z19	**20**	19	58	32	34	M12	34	75	38	0,23	20
741Z22	**22**	22	64	35	35	M14	38	85	44	0,27	20
741Z26	**26**	26	68	38	38	M14	42	95	45	0,30	20
741Z30	**30**	30	80	40	45	M16	50	110	50	0,50	20

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BF741Z03	**3**	15	12
BF741Z05	**5**	10	12
BF741Z06	**6**	8	12
BF741Z08	**8**	6	12
BF741Z10	**10**	4	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
B741Z03	**3**	4	12
B741Z05	**5**	4	12
B741Z06	**6**	4	12
B741Z08	**8**	2	12
B741Z10	**10**	1	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

ANILLA DE ELEVACIÓN MACHO DIN 580 CINCADA

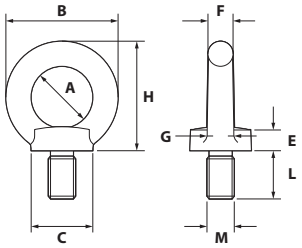
LIFTING EYE BOLTS DIN 580 ZINC PLATED
ANNEAU DE LEVAGE DIN 580 EN ACIER ZINGUÉ
RINGSCHRAUBEN DIN 580

ZN

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	* CMU 0º Kg	* CMU 45º Kg	* CMU 90º Kg	PA. Nm	A m.m.	B m.m.	C m.m.	E m.m.	F m.m.	G m.m.	H m.m.	L m.m.	PESO *Weight / Poids* Kg.		
580Z06	**M6**	75	55	38	3,5	20	36	20	6	8	10	36	13	0,06	50	200
580Z08	**M8**	140	100	70	8	20	36	20	6	8	10	36	13	0,06	50	200
580Z10	**M10**	230	170	115	16	25	45	25	8	10	12	45	17	0,11	50	200
580Z12	**M12**	340	240	170	28	30	54	30	10	12	14	53	20,5	0,18	25	100
580Z14	**M14**	500	240	170	45	30	54	30	10	12	14	53	20,5	0,19	25	50
580Z16	**M16**	700	500	350	70	35	63	35	12	14	16	62	27	0,28	10	40
580Z18	**M18**	930	500	350	95	35	63	35	12	14	16	62	27	0,33	10	40
580Z20	**M20**	1.200	860	600	135	40	72	40	14	16	19	71	30	0,45	5	20
580Z22	**M22**	1.500	860	600	182	40	72	40	14	16	19	71	30	0,50	5	20
580Z24	**M24**	1.800	1.290	900	230	50	90	50	18	20	24	90	36	0,74	5	10
580Z27	**M27**	2.500	1.290	900	343	54	98	62	20	22	26	99	40	1,25	1	10
580Z30	**M30**	3.200	2.300	1.600	465	60	108	65	22	24	28	109	45	1,66	1	10



ANILLA DE ELEVACIÓN HEMBRA DIN 582 CINCADA

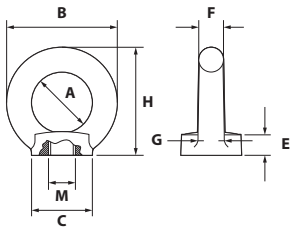
EYE NUTS DIN 582 ZINC PLATED
ANNEAU DE LEVAGE DIN 582 EN ACIER ZINGUÉ
RINGMUTTERN DIN 582

ZN

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	* CMU 0º Kg	* CMU 45º Kg	* CMU 90º Kg	PA. Nm	A m.m.	B m.m.	C m.m.	E m.m.	F m.m.	G m.m.	H m.m.	PESO *Weight / Poids* Kg.		
582Z06	**M6**	75	55	38	3,5	20	36	20	8,5	8	10	36	0,05	50	200
582Z08	**M8**	140	100	70	8	20	36	20	8,5	8	10	36	0,05	50	200
582Z10	**M10**	230	170	115	16	25	45	25	10	10	12	45	0,09	50	200
582Z12	**M12**	340	240	170	28	30	54	30	11	12	14	53	0,16	25	100
582Z14	**M14**	500	240	170	45	30	54	30	11	12	14	53	0,15	25	50
582Z16	**M16**	700	500	350	70	35	63	35	13	14	16	62	0,24	10	40
582Z20	**M20**	1.200	860	600	135	40	72	40	16	16	19	71	0,36	5	20
582Z22	**M22**	1.500	860	600	182	40	72	40	16	16	19	71	0,35	5	20
582Z24	**M24**	1.800	1.290	900	230	50	90	50	20	20	24	90	0,72	5	10
582Z27	**M27**	2.500	1.290	900	343	54	98	62	22	22	26	99	0,80	1	10
582Z30	**M30**	3.200	2.300	1.600	465	60	108	65	25	24	28	109	1,32	1	10



CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit
PA.: Par de apriete / PA.: Torque / PA.: Couple de serrage / PA.: Anzugsdrehmoment

PRENSACABLES SIMPLE CINCADO

SIMPLEX WIRE ROPE CLIPS
SERRE-CÂBLES SIMPLEX
SIMPLEX DRAHTSEILKLEMMEN

ZN

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	A	B	C	D	E	F	G	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
PCZ02	**2**	17,5	12	5	M 4	7,5	1	1	0,002	400
PCZ03	**3**	17,5	15	6,5	M 4	10	1,5	1,5	0,002	250
PCZ04	**4**	22	18	7,5	M 5	12	1,5	1,5	0,004	200
PCZ05	**5**	24	20	8,5	M 5	14	1,5	1,5	0,004	180
PCZ06	**6**	30	23	10	M 6	17	1,5	1,5	0,005	200
PCZ08	**8**	36	30	14	M 8	22	2	2	0,050	100

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

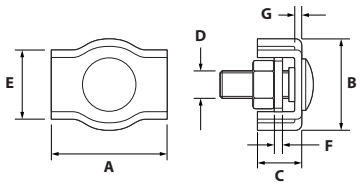
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BFPCZ02	**2**	25	12
BFPCZ03	**3**	20	12
BFPCZ04	**4**	15	12

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BFPCZ05	**5**	10	12
BFPCZ06	**6**	8	12
BFPCZ08	**8**	5	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG



PRENSACABLES DOBLE CINCADO

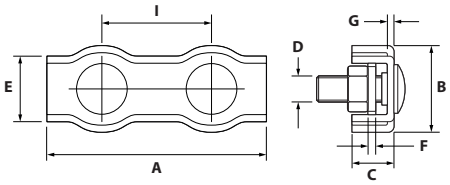
DUPLEX WIRE ROPE CLIPS
SERRE-CÂBLES DUPLEX
DUPLEX DRAHTSEILKLEMMEN

ZN

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	A	B	C	D	E	F	G	I	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
PCDZ02	**2**	38	12	5	M 4	7,5	1	1	20,5	0,010	250
PCDZ03	**3**	38	15	6,5	M 4	10	1,5	1,5	20,5	0,015	200
PCDZ04	**4**	47	18	7,5	M 5	12	1,5	1,5	25	0,025	100
PCDZ05	**5**	51	20	8,5	M 5	14	1,5	1,5	27	0,035	100
PCDZ06	**6**	63	23	10	M 6	17	1,5	1,5	33	0,050	100
PCDZ08	**8**	76	30	14	M 8	22	2	2	42	0,100	50



GUARDACABOS DIN 6899-A CINCADO

THIMBLES DIN 6899-A ZINC PLATED
COSSES COEUR DIN 6899-A EN ACIER ZINGUÉ
KAUSCHEN DIN 6899-A

ZN

CAJA / *BOX / BOÎTE*

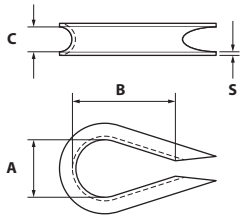
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxC m.m.	A m.m.	B m.m.	S m.m.	PESO *Weight / Poids* Kg.	
6899A04	**4x5**	13	28,5	0,75	0,004	100
6899A05	**5x6**	14	30,0	1,00	0,006	100
6899A06	**6x7**	15	33,0	1,00	0,008	100
6899A07	**7x8**	16	35,0	1,25	0,010	50
6899A08	**8x9**	18	39,0	1,25	0,016	50
6899A09	**9x10**	20	43,0	1,25	0,020	50
6899A10	**10x11**	22	47,5	1,50	0,030	50
6899A11	**11x12**	24	51,5	1,50	0,037	50
6899A13	**13x14**	28	61,0	1,80	0,072	40
6899A16	**16x18**	35	78,0	2,50	0,179	25
6899A18	**18x20**	40	86,5	2,50	0,270	25
6899A20	**20x22**	44	95,0	2,50	0,355	25

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.		
BF6899A05	**5x6**	15	12
BF6899A06	**6x7**	12	12
BF6899A07	**7x8**	10	12
BF6899A08	**8x9**	8	12



PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

GUARDACABOS DIN 6899-B GALVANIZADO

THIMBLES DIN 6899-B HOT DIP GALVANIZED
COSSES COEUR DIN 6899-B GALVANISÉ
KAUSCHEN DIN 6899-B

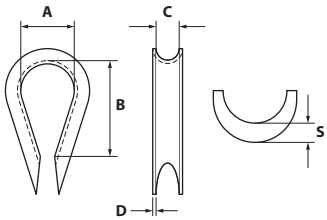
ZN

MATERIAL DISPONIBLE HASTA AGOTAR EXISTENCIAS
MATERIAL AVAILABLE UNTIL STOCKS LAST
MATÉRIEL DISPONIBLE JUSQU'À ÉPUISEMENT DES STOCKS
MATERIAL LIEFERBAR SOLANGE DER VORRAT REICHT

CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* ØxC m.m.	A m.m.	B m.m.	D m.m.	S m.m.	PESO *Weight / Poids* Kg.	
6899B09	**9x10**	24	38	1,25	3,1	0,047	100
6899B11	**11x12**	28	45	1,50	3,3	0,068	50
6899B13	**13x14**	32	51	1,75	3,3	0,100	50
6899B16	**16x17**	38	61	2,00	4,7	0,180	25
6899B18	**18x20**	45	72	2,25	5,7	0,290	10
6899B20	**20x22**	50	80	2,50	5,7	0,320	10
6899B24	**24x26**	62	99	3,50	6,8	0,590	10
6899B26	**26x28**	70	112	3,50	8,0	0,800	10
6899B32	**30x32**	80	152	3,50	8,0	1,230	10

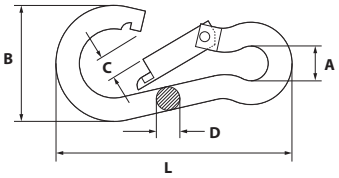


CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

MOSQUETÓN BOMBERO DIN 5299 CINCADO

SNAP HOOKS DIN 5299 ZINC PLATED
MOUSQUETONS DIN 5299 EN ACIER ZINGUÉ
KARABINERHAKEN DIN 5299

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	D m.m.	PESO *Weight / Poids* Kg.	
MBZ040	**40**	20	7	14	6	4	0,01	50
MBZ050	**50**	30	8	15	7	5	0,02	50
MBZ060	**60**	40	9	17	8	6	0,02	50
MBZ070	**70**	60	10	19	8	7	0,04	50
MBZ080	**80**	75	12	23	10	8	0,07	50
MBZ090	**90**	100	12	24	10	9	0,09	10
MBZ100	**100**	120	15	29	11	10	0,13	10
MBZ120	**120**	140	18	36	16	11	0,19	10
MBZ140	**140**	140	20	40	19	12	0,20	10

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.		
BFMBZ40	**40**	15	12
BFMBZ50	**50**	10	12
BFMBZ60	**60**	6	12
BFMBZ80	**80**	4	12

BLISTER / *BLISTER / BLISTER* — **CINCADO** / *ZINC PLATED*

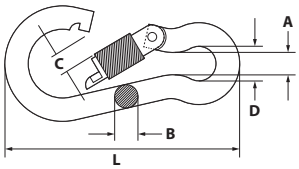
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.		
BMBZ40	**40**	1	12
BMBZ50	**50**	1	12
BMBZ60	**60**	1	12
BMBZ80	**80**	1	12

PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MOSQUETÓN BOMBERO CON SEGURO CINCADO

SNAP HOOKS WITH SAFETY SCREW ZINC PLATED
MOUSQUETONS À VIS DE SECURITE EN ACIER ZINGUÉ
KARABINERHAKEN MIT SCHRAUBSICHERUNG

ZN



CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	D m.m.	PESO *Weight / Poids* Kg.	
MBSZ060	**60**	40	7	6	6	10	0,028	50
MBSZ070	**70**	60	8	7	7	11	0,043	25
MBSZ080	**80**	75	9	8	8	13	0,066	25
MBSZ090	**90**	100	10	9	8	13	0,092	25
MBSZ100	**100**	120	11	10	10	16	0,129	25
MBSZ120	**120**	140	12	11	15	19	0,186	20

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.		
BFMBSZ060	**60**	6	12
BFMBSZ080	**80**	4	12

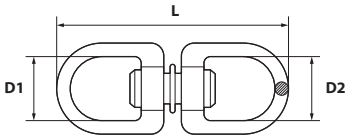
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

GRILLETE GIRATORIO NIQUELADO

NICKEL SWIVELS
EMERILLONS AU NICKEL
WIRBEL

NQ



CAJA / *BOX / BOÎTE* — **NIQUELADO / *NICKEL-PLATED***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D1xD2 m.m.	L Kg	
GZ13	**13x13**	50	100
GZ16	**16x16**	60	100
GZ20	**20x20**	65	50
GZ25	**25x25**	78	50

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE* — **NIQUELADO / *NICKEL-PLATED***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D1xD2 m.m.		
BFGZ13	**13x13**	8	12
BFGZ16	**16x16**	5	12
BFGZ20	**20x20**	4	12
BFGZ25	**25x25**	3	12

BLISTER / *BLISTER / BLISTER* — **NIQUELADO / *NICKEL-PLATED***

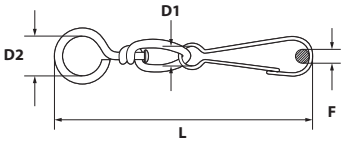
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.		
BGZ13	**13x13**	1	12
BGZ16	**16x16**	1	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MOSQUETÓN GIRATORIO CINCADO

SIMPLEX HOOKS ZINC PLATED
MOSQUETONS AVEC TOURET EN ACIER ZINGUÉ
SIMPLEXHAKEN

ZN



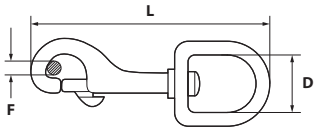
CAJA / *BOX / BOÎTE* — **CINCADO / *ZINC PLATED***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	F m.m.	D1 m.m.	D2 m.m.	L m.m.	PESO *Weight / Poids* Kg.	
MGZ030	**30**	4,5	6	8	30/50	0,005	50
MGZ040	**40**	5,5	7	10	40/67	0,009	50
MGZ050	**50**	6,5	9	11	50/83	0,014	50
MGZ060	**60**	7,5	10	13	60/97	0,023	50
MGZ080	**80**	10	12	17	80/123	0,050	30
MGZ100	**100**	11	14	19	100/146	0,086	30

MOSQUETÓN GANCHO GIRATORIO NIQUELADO

NICKEL SNAP HOOKS
MOSQUETONS AU NICKEL
KARABINERHAKEN

NQ



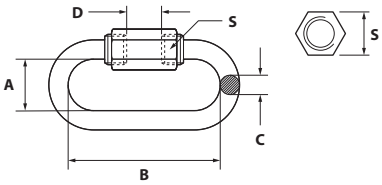
CAJA / *BOX / BOÎTE* — **NIQUELADO / *NICKEL-PLATED***

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D m.m.	L m.m.	F m.m.	PESO *Weight / Poids* Kg.	
MGGN13	**13**	73	8	0,028	50
MGGN16	**16**	78	8	0,030	50
MGGN20	**20**	82	8	0,032	20
MGGN22	**22**	90	8	0,043	10
MGGN25	**25**	93	8	0,042	10

MALLA RÁPIDA CINCADA

QUICK LINKS ZINC PLATED
MAILLONS RAPIDES EN ACIER ZINGUÉ
KETTENNOTGLIEDER

ZN



CAJA / *BOX / BOÎTE*

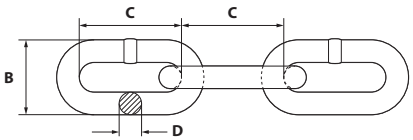
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* C	A	B	D	S	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
MRZ04	**4**	12	33	5	8	0,01	100
MRZ05	**5**	13	40	6,5	9	0,02	100
MRZ06	**6**	15	46	9	11	0,03	100
MRZ08	**8**	17,5	58	9,5	14	0,07	50
MRZ09	**9**	19	62	10	15	0,11	50
MRZ10	**10**	20,5	69	13	17	0,15	25
MRZ12	**12**	23,5	80,5	14,5	19	0,23	20
MRZ14	**14**	27	97	16	22	0,35	10
MRZ16	**16**	29,5	113	21	24	0,45	5

CADENA CINCADA*

ZINC PLATED CHAIN
CHAÎNE EN ACIER ZINGUÉ
KETTE VERZINKT

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

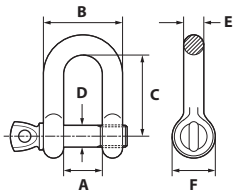
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D	B	C	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	Kg/10m	m
CZ02	**2**	8	12	0,7	270
CZ025	**2,5**	10	14	1,1	172
CZ03	**3**	12	16	1,6	130
CZ04	**4**	16	19	3	72
CZ05	**5**	20	21	5	43
CZ06	**6**	24	24	7,3	37
CZ07	**7**	28	28	10	22
CZ08	**8**	32	32	13	16
CZ09	**9**	36	36	16,5	13
CZ10	**10**	40	40	20,5	12

* Las cadenas comerciales de hierro cincado, no son ensayadas con respecto a la resistencia en el sentido de DIN 685 Parte 3, y no pueden ser empleadas como medio de elevación de carga, medio de limitación de correa, o medio de transporte, en el sentido DIN 15003, así como tampoco para la sujeción estática de cargas.

GRILLETE RECTO CINCADO

DEE SHACKLES ZINC PLATED
MANILLES DROITES EN ACIER ZINGUÉ
GERADE SCHÄKEL VERZINKT

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	E m.m.	F m.m.	PESO *Weight / Poids* Kg.		
GRZ05	**5**	**70**	10	20	21	5	11	0,020	25	500
GRZ06	**6**	**100**	13	25	28	6	14	0,030	25	400
GRZ08	**8**	**250**	16	32	36	8	18	0,070	25	200
GRZ10	**10**	**400**	19	39	43	10	20	0,130	15	120
GRZ12	**12**	**630**	25	49	57	12	28	0,220	10	90
GRZ14	**14**	**750**	28	56	64	14	30	0,310	10	50
GRZ16	**16**	**1.000**	32	64	72	16	33	0,380	10	30
GRZ18	**18**	**1.300**	37	70	74	18	33,5	0,730	10	20
GRZ20	**20**	**1.600**	38	78	86	20	40	0,939	10	20
GRZ22	**22**	**2.000**	44	88	91	22	50	1,322	10	10
GRZ24	**24**	**2.500**	48,5	97	99	24	47,5	2,071	10	10
GRZ28	**28**	**3.150**	57	113	129	28	68	2,879	4	4
GRZ32	**32**	**4.000**	64	128	143	32	73	3,171	4	4

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D m.m.		
BFGRZ05	**5**	8	12
BFGRZ06	**6**	6	12
BFGRZ08	**8**	4	12

BLISTER / *BLISTER / BLISTER*

CINCADO / *ZINC PLATED*

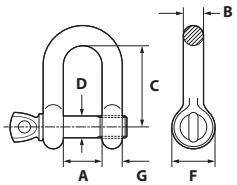
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.		
BGRZ05	**5**	3	12
BGRZ06	**6**	2	12
BGRZ08	**8**	1	12
BGRZ10	**10**	1	12

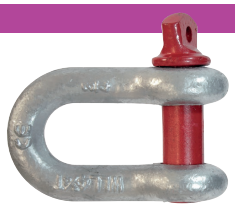
PEDIDO MÍNIMO 1 EMBALAJE / MINIMUM ORDER 1 PACKAGING / COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

GRILLETE RECTO ALTA RESISTENCIA

ALLOY STEEL DEE SHACKLES WITH SCREW PIN
MANILLES DROITES ACIER ALLIÉ
HOCHFESTE GERADE SCHÄKEL

ZN





CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

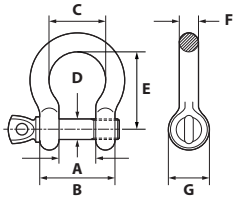
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	MEDIDA *Measure / Mesure* Inch.	* CMU Tn	A m.m.	B m.m.	C m.m.	D m.m.	F m.m.	G m.m.	PESO *Weight / Poids* Kg.	
GRAR05	**5**	**3/16**	**0,33**	9,5	5	19,0	6,0	15	6	0,020	10
GRAR06	**6**	**1/4**	**0,50**	11,9	6,4	22,4	7,9	16	6	0,050	10
GRAR08	**8**	**5/16**	**0,75**	13,5	7,9	26,2	9,7	19	8	0,077	10
GRAR10	**10**	**3/8**	**1,00**	16,8	9,7	31,8	11,2	23	10	0,127	10
GRAR12	**12**	**1/2**	**2,00**	20,6	12,7	41,4	16,0	30	13	0,268	10
GRAR16	**16**	**5/8**	**3,25**	26,9	16,0	50,8	19,1	39	16	0,568	10
GRAR20	**20**	**3/4**	**4,75**	31,8	19,1	60,5	22,4	47	19	1,194	10
GRAR22	**22**	**7/8**	**6,50**	36,6	25,4	71,3	25,4	54	22	1,435	10

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

GRILLETE LIRA CINCADO

BOW SHACKLES ZINC PLATED
MANILLES LYRES EN ACIER ZINGUÉ
HERZFÖRMIGE SCHÄKEL VERZINKT

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	E m.m.	F m.m.	G m.m.	PESO *Weight / Poids* Kg.		
GLZ05	**5**	**80**	10	20	16	21	5	11	0,020	25	500
GLZ06	**6**	**100**	13	25	20	28	6	14	0,030	25	400
GLZ08	**8**	**200**	16	32	24	36	8	18	0,080	25	200
GLZ10	**10**	**300**	19	39	32	43	10	20	0,130	15	120
GLZ12	**12**	**500**	25	49	38	57	12	28	0,230	10	90
GLZ14	**14**	**600**	28	56	44	64	14	30	0,360	10	50
GLZ16	**16**	**800**	32	64	50	72	16	32	0,370	10	50
GLZ20	**20**	**1.100**	38	78	66	86	20	40	1,003	10	20
GLZ22	**22**	**1.500**	44	88	74	91	22	50	1,428	10	10
GLZ24	**24**	**2.000**	48,5	95	68	108	24	47	2,045	6	6

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

CINCADO / *ZINC PLATED*

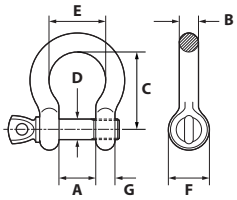
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D m.m.		
BFGLZ05	**5**	8	12
BFGLZ06	**6**	6	12
BFGLZ08	**8**	4	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

GRILLETE LIRA ALTA RESISTENCIA

ALLOY STEEL BOW SHACKLES WITH SCREW PIN
MANILLES LYRES EN ACIER ALLIÉ
HOCHFESTE HERZFÖRMIGE SCHÄKEL

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

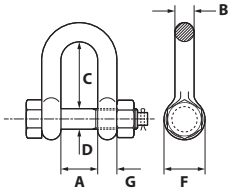
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	MEDIDA *Measure / Mesure* Inch.	* CMU Tn	A m.m.	B m.m.	C m.m.	D m.m.	E m.m.	F m.m.	G m.m.	PESO *Weight / Poids* Kg.	
GLAR06	**6**	**1/4**	**0,50**	11,9	6,4	28,7	7,9	19,8	16	6	0,045	10
GLAR08	**8**	**5/16**	**0,75**	13,5	7,9	31,0	9,7	21,3	19	8	0,086	10
GLAR10	**10**	**3/8**	**1,00**	16,8	9,7	36,6	11,2	26,2	23	10	0,141	10
GLAR11	**11**	**7/16**	**1,50**	19,1	11,2	42,9	12,7	29,5	27	11	0,173	10
GLAR12	**12**	**1/2**	**2,00**	20,6	12,7	47,8	16	33,3	30	13	0,327	10
GLAR16	**16**	**5/8**	**3,25**	26,9	16,0	60,5	19,1	42,9	39	16	0,622	10
GLAR20	**20**	**3/4**	**4,75**	31,8	19,1	71,4	22,4	50,8	47	19	1,067	10
GLAR22	**22**	**7/8**	**6,50**	36,6	22,4	84,1	25,4	57,9	54	22	1,644	10
GLAR24	**24**	**1"**	**8,50**	42,9	25,4	95,3	28,7	68,3	60	25	2,284	5

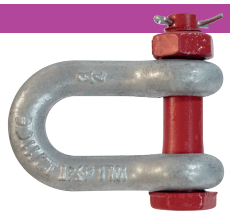
CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

GRILLETE RECTO ALTA RESISTENCIA CON TORNILLO

ALLOY STEEL DEE SHACKLES WITH BOLT
MANILLES DROITES ACIER ALLIÉ AVEC BULLON
HOCHFESTE GERADE SCHÄKEL MIT BOLZEN

ZN





CAJA / *BOX / BOÎTE*

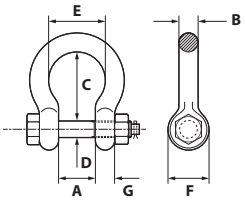
CINCADO / *ZINC PLATED*

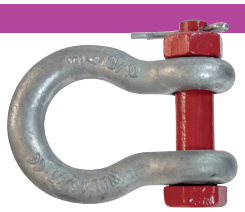
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	MEDIDA *Measure / Mesure*	* CMU	A	B	C	D	F	G	PESO *Weight / Poids*	
	m.m.	Inch.	Tn	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
GRART10	**10**	**3/8**	**1,00**	16,8	9,7	31,0	11,2	23	10	0,150	10
GRART12	**12**	**1/2**	**2,00**	20,6	12,7	41,4	16,0	30	13	0,341	10
GRART16	**16**	**5/8**	**3,25**	26,9	16,0	50,8	19,1	39	16	0,667	10
GRART20	**20**	**3/4**	**4,75**	31,8	19,1	60,5	22,4	47	19	1,144	10

GRILLETE LIRA ALTA RESISTENCIA CON TORNILLO

ALLOY STEEL BOW SHACKLES WITH BOLT
MANILLES LYRES EN ACIER ALLIÉ AVEC BOULLON
HOCHFESTE HERZFÖRMIGE SCHÄKEL MIT BOLZEN

ZN





CAJA / *BOX / BOÎTE*

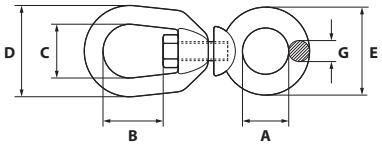
CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	MEDIDA *Measure / Mesure*	* CMU	A	B	C	D	E	F	G	PESO *Weight / Poids*	
	m.m.	Inch.	Kg	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
GLART06	**6**	**1/4**	**0,50**	11,9	6,4	28,7	7,9	19,8	16	6	0,050	10
GLART08	**8**	**5/16**	**0,75**	13,5	7,9	31,0	9,7	21,3	19	8	0,100	10
GLART10	**10**	**3/8**	**1,00**	16,8	9,7	36,6	11,2	26,2	23	10	0,150	10
GLART11	**11**	**7/16**	**1,50**	19,1	11,2	42,9	12,7	29,5	27	11	0,222	10
GLART12	**12**	**1/2**	**2,00**	20,6	12,7	47,8	16,0	33,3	30	13	0,359	10
GLART16	**16**	**5/8**	**3,25**	26,9	16,0	60,5	19,1	42,9	39	16	0,763	10
GLART20	**20**	**3/4**	**4,75**	31,8	19,1	71,4	22,4	50,8	47	19	1,235	10

GRILLETE GIRATORIO CADENA

CHAIN SWIVELS
EMERILLONS CHAÎNE
EINFACHES AUFHÄNGEGLIED

ZN



CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	A	B	C	D	E	G	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
GGC06	**6**	15,8	17,5	19	31,8	28,5	6,4	0,064	50
GGC08	**8**	19	20,6	25,4	38,9	35	7,9	0,120	50
GGC10	**10**	25,4	23,9	31,8	50,8	44,5	9,7	0,232	30
GGC12	**12**	31,8	33,3	38,1	63,5	57,2	12,7	0,458	30

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

GANCHO DE ELEVACIÓN CON SEGURO - GRADO 40

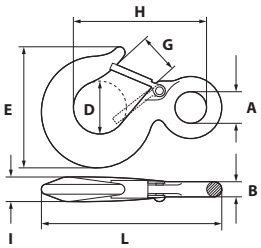
CARBON STEEL EYE HOOKS WITH LATCH
CROCHETS DE LEVAGE EN ACIER CARBONE AVEC LINGUET
HAKEN KOHLENSTOFFSTAHL MIT SICHERUNG

GRADO 40

CAJA / *BOX / BOÎTE*

GRADO 40 / *GRADE 40*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* * CMU Tn	A m.m.	B m.m.	D m.m.	E m.m.	G m.m.	H m.m.	I m.m.	L m.m.	PESO *Weight / Poids* Kg.	
GESA08	**0,8**	19	10	30	73	21,5	80	15	110	0,26	50
GESA10	**1,0**	23	12	32	82	23	93	17,5	125	0,35	50
GESA16	**1,6**	27	13	35	93	23	103	20,5	142	0,62	30
GESA20	**2,0**	30	16	38	105	24	117	22	165	0,93	25
GESA32	**3,2**	38	19	46	125	26,5	145	28,5	204	1,73	10



GANCHO DE ELEVACIÓN CON SEGURO GIRATORIO - GRADO 40

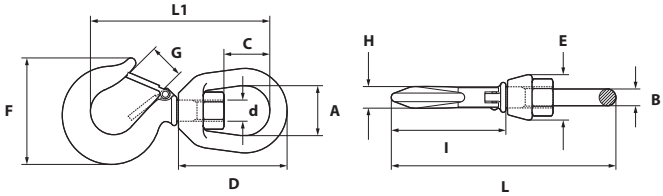
CARBON STEEL REVOLVING HOOKS WITH LATCH
CROCHETS A EMERILLON EN ACIER CARBONE AVEC LINGUET
LASTHAKEN KOHLENSTOFFSTAHL MIT SICHERUNG

GRADO 40

CAJA / *BOX / BOÎTE*

GRADO 40 / *GRADE 40*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* * CMU Tn	A m.m.	B m.m.	C m.m.	D m.m.	E m.m.	F m.m.	G m.m.	H m.m.	I m.m.	L m.m.	L1 m.m.	d m.m.	PESO *Weight / Poids* Kg.	
GESGA10	**1,0**	38	13	34	82	34	81	27	26	86	170	135,5	M16	0,77	30
GESGA20	**2,0**	50	18	47	110	48	104	32	21,5	106	219	173	M20	1,51	15
GESGA32	**3,2**	57	20	55	127	54	125	38	28,5	133	262	205	M22	2,48	5



ESLINGA PLANA CON GAZAS

EYESLINGS
SANGLES À BOUCLE
ÖSEFÖRMIGE SCHLINGEN

MEDIDAS DISPONIBLES / MEASURES AVAILABLE / MESURES DISPONIBLES / VERFÜGBARE MASSNAHMEN *

LARGO / LENGTH	1 Tn	2 Tn	3 Tn	4 Tn	5 Tn	6 Tn	8 Tn	10 Tn
1 m	SL0101	SL0201	SL0301	-	-	-	-	-
2 m	SL0102	SL0202	SL0302	-	-	-	-	-
3 m	SL0103	SL0203	SL0303	SL0403	SL0503	-	-	-
4 m	SL0104	SL0204	SL0304	SL0404	SL0504	SL0604	-	-
5 m	SL0105	SL0205	SL0305	SL0405	SL0505	SL0605	SL0805	SL1005
6 m	SL0106	SL0206	SL0306	SL0406	SL0506	SL0606	SL0806	SL1006
8 m	-	-	SL0308	SL0408	SL0508	SL0608	SL0808	SL1008
10 m	-	-	-		SL0510	SL0610	SL0810	SL1010
MEDIDAS / *Measures / Mesures* **(m.m.)**								
Ojal / *Loop*	200x15	300x30	350x30	425x40	500x50	550x60	600x80	750x100
Ancho / *Width*	30	60	90	120	150	180	240	300
Grosor / *Thickness*	7	7	7	7	7	7	7	10

* Más medidas disponibles bajo encargo / *Other measures available on request / D'autres mesures sont disponibles sur demande / Andere Größen auf Anfrage erhältlich*

CARACTERÍSTICAS Y VENTAJAS

Eslingas de alta calidad para elevación, fabricadas en poliester. forma estabilizada, elaboradas y terminadas con alargamiento. Producido según la norma DIN EN 1492-1. Factor de seguridad 7. Código de color según los estándares europeos. Regulación máquina EU CE89392 CEE II A.

CHARACTERISTICS AND ADVANTAGES

High quality eyeslings for lifting purpose, made of woven PES, form-stabilized, drawn and finished, with low elongation. Produced according to DIN EN 1492-1. Safety factor 7. Color-Code according to European standard. EU- machine regulation CE 89392 CEE II A.

CARACTÉRISTIQUES ET AVANTAGES

Sangles de levage à boucle de grande qualité, en polyester PES, stabilisées dans la forme, dans le dessin et la finition, avec un faible allongement. Produites conformément à la norme DIN EN 1492-1. Facteur de sécurité 7. Code couleur en fonction des standards européens. Réglage machine EU CE 89392 CEE II A.

FUNKTIONEN UND VORTEILE

Öseförmige Schlingen hoher Hebequalität aus PES Polyester, in der Form, in der Zeichnung und im Fertigdrehen mit kurzer Verlängerung stabilisiert. Der DIN EN 1492-1 konform erschaffen. Sicherheitsfaktor 7. Farbkode gemäß den europäischen Standards. EU Regulierung der Maschine EU 89392 EWG II A.

ESLINGA CON REFUERZO ESTÁNDAR
LOOP WITH STANDARD REINFORCEMENT
BOUCLE AVEC RENFORCEMENT STANDARD
ÖSE MIT STANDARD VERSTÄRKUNG

ADVERTENCIAS DE SEGURIDAD / *SAFETY WARNINGS / AVERTISSEMENTS DE SÉCURITÉ / SICHERHEITSHINWEISE*

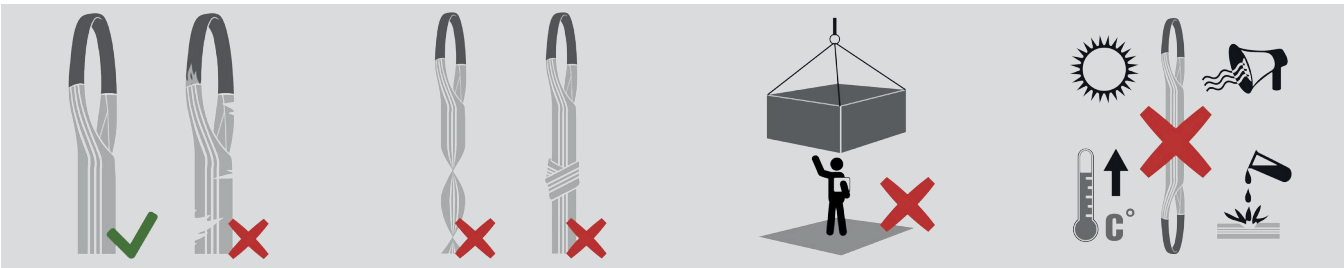


TABLA DE CAPACIDAD NOMINAL
RATED CAPACITY TABLE

LC.: Capacidad de amarre, STF.: Fuerza de tensión estándar / LC.: Lashing capacity, STF.: Standard tension force / LC.: Capacité d'arrimage, STF.: Force de tension estandard / LC.: Haltekapazität, STF.: Standardzugfestigkeit

ESLINGA TUBULAR SIN FIN

ROUNDSLINGS
SANGLES RONDES
RUNDEN SCHLINGEN

MEDIDAS DISPONIBLES / MEASURES AVAILABLE / MESURES DISPONIBLES / VERFÜGBARE MASSNAHMEN *

L1 ↻	L2 ⟶	1 Tn	2 Tn	3 Tn	4 Tn
2 m	1 m	SLT0102	SLT0202	-	-
3 m	1,5 m	SLT0103	SLT0203	SLT0303	-
4 m	2 m	SLT0104	SLT0204	SLT0304	SLT0404
5 m	2,5 m	SLT0105	SLT0205	SLT0305	SLT0405
6 m	3 m	SLT0106	SLT0206	SLT0306	SLT0406
8 m	4 m	SLT0108	SLT0208	SLT0308	SLT0408
10 m	5 m	-	SLT0210	SLT0310	SLT0410
12 m	6 m	-	SLT0212	SLT0312	SLT0412

* Más medidas disponibles bajo encargo / *Other measures available on request / D'autres mesures sont disponibles sur demande / Andere Größen auf Anfrage erhältlich*

CARACTERÍSTICAS Y VENTAJAS

Eslingas para elevación, fabricadas en poliester, con vaina única resistente a la abrasión. Carga máxima en kg. impresa en la vaina. Producido según la norma DIN EN 1492-2. Factor de seguridad 7. Código de color según los estándares europeos. Regulación máquina EU CE89392 CEE II A.

CHARACTERISTICS AND ADVANTAGES

Roundslings for lifting purpose with abraision resistant single cover, working load limit printed on the cover. Made according to DIN EN 1492-2. Safety factor 7. Color-Code according to european standard. EU machine regulation CE 89392 CEE II A.

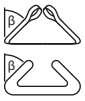
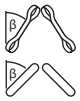
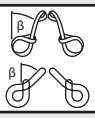
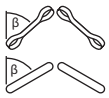
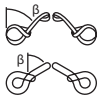
CARACTÉRISTIQUES ET AVANTAGES

Sangles rondes de levage, avec gaine unique résistante à l'abrasion, WLL imprimé sur la gaine. Produites conformément à la norme DIN EN 1492-2. Facteur de sécurité 7. Code couleur en fonction des standards européens. Réglage machine EU CE89392 CEE II A.

FUNKTIONEN UND VORTEILE

Runde Hebeschlingen, mit individueller Bedeckung, die vor dem Abschaben schützt, WLL ist auf der Bedeckung selbst gedruckt. Der DIN EN 1492-2 konform erschaffen. Sicherheitsfaktor 7. Farbkode gemäß den europäischen Standards. EU Regulierung der Maschine EU89392 EWG II A.

TABLA DE CAPACIDAD NOMINAL PARA ESLINGAS / *RATED CAPACITY TABLE FOR SLINGS*

CMU. (Kg)								
0º	0º	≤ 6º	0º - 45º	45º - 60º	0º - 45º	0º - 45º	45º - 60º	45º - 60º
								
1.000	800	2.000	1.400	1.000	1.400	1.120	1.000	800
2.000	1.600	4.000	2.800	2.000	2.800	2.240	2.000	1.600
3.000	2.400	6.000	4.200	3.000	4.200	3.360	3.000	2.400
4.000	3.200	8.000	5.600	4.000	5.600	4.480	4.000	3.200
5.000	4.000	10.000	7.000	5.000	7.000	5.600	5.000	4.000
6.000	4.800	12.000	8.400	6.000	8.400	6.720	6.000	4.800
8.000	6.400	16.000	11.200	8.000	11.200	8.960	8.000	6.400
10.000	8.000	20.000	14.000	10.000	14.000	11.200	10.000	8.000

TRINCAJE

LASHING SYSTEMS
SYTÈMES D'ARRIMAGE
VERANKERUNGSSYSTEM

BC

TRINCAJE CON GANCHO CERRADO / *LASHING SYSTEM WITH PROFILE HOOK*

BICROMATADO / *YELLOW ZP.*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	LONGITUD *Length / Longueur*	COLOR *Color / Couleur*	LC	STF	
	Tn	m.m.		daN	daN	
TGC1	**1**	4		500	220	1
TGC2	**2**	6		1.000	220	1
TGC4	**4**	8		2.000	500	1
TGC5	**5**	8		2.500	500	1

TRINCAJE CON GANCHO ABIERTO / *LASHING SYSTEM WITH CLAW HOOK*

BICROMATADO / *YELLOW ZP.*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	LONGITUD *Length / Longueur*	COLOR *Color / Couleur*	LC	STF	
	Tn	m.m.		daN	daN	
TGA2	**2**	4		1.000	220	1
TGA4	**4**	8		2.000	500	1
TGA5	**5**	8		2.500	500	1

CARACTERÍSTICAS Y VENTAJAS

Sistema de amarre para elevación, con estructura en poliéster, baja elongación y tratamiento antifricción para resistir el desgaste y la abrasión. Tensor galvanizado para una mayor durabilidad! Producido según la norma DIN EN 12195-2.

CHARACTERISTICS AND ADVANTAGES

High quality load restraint assemblies, highly drawn polyester webbing with low elongation and equipment for chafe and abraision resistance. Galvanized ratchet for longer life service! Produced according to DIN EN 12195-2.

CARACTÉRISTIQUES ET AVANTAGES

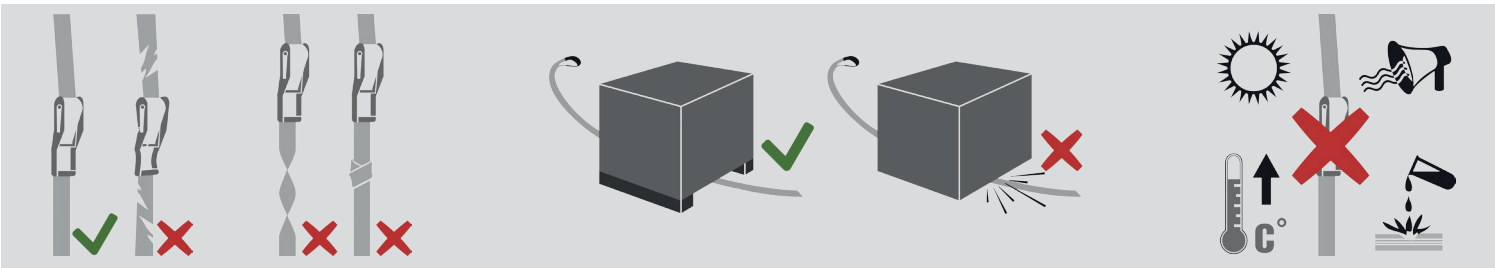
Système d'arrimage pour le levage, avec une structure en polyester, faible allongement et traitement antiusure résistant au frottement et à l'abrasion. Ratchet galvanisé pour une durée de vie supérieure! Produits conformément à la norme DIN EN 12195-2.

FUNKTIONEN UND VORTEILE

Verankerungssystem zur Hebung, mit Polyester Struktur, kurze Verlängerung und Einrichtungen zum Schutz vor Abreiben und Abschaben. Haltevorrichtung aus Zink zur längeren Lebensdauer! Der DIN EN 12195-2 konform erschaffen.

INSTRUCCIONES DE USO
USE INSTRUCTIONS
MODE D'EMPLOI
GEBRAUCHSANWEISUNG

ADVERTENCIAS DE SEGURIDAD / *SAFETY WARNINGS / AVERTISSEMENTS DE SÉCURITÉ / SICHERHEITSHINWEISE*



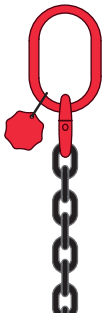
LC.: Capacidad de amarre, STF.: Fuerza de tensión estándar / LC.: Lashing capacity, STF.: Standard tension force / LC.: Capacité d'arrimage, STF.: Force de tension estandard / LC.: Haltekapazität, STF.: Standardzugfestigkeit

PULPOS DE CADENA - GRADO 80

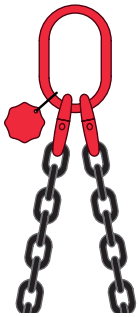
CHAIN SLINGS
ELINGUE DE CHAÎNE
ANSCHLAGKETTEN

GRADO 80

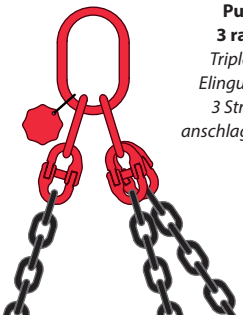
TIPOS DE PULPO / *TYPES OF SLINGS / TYPES D'ÉLINGUES / ARTEN VON SCHLINGEN*



Eslinga
Single sling
Elingue simple
1 Strängige anschlagkette



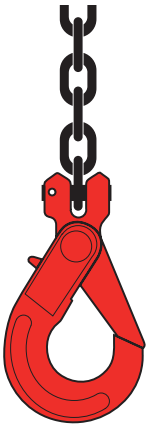
Pulpo de 2 ramales
Double slings
Elingue double
2 Strängige anschlagketten

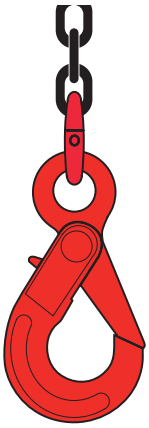


Pulpo de 3 ramales
Triple slings
Elingue triple
3 Strängige anschlagketten

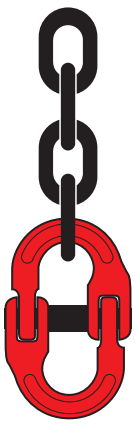
Pulpo de 4 ramales
Quadruple slings
Elingue quadruple
4 Strängige anschlagketten

TERMINACIONES / *TERMINATIONS / TERMINAISONS / KÜNDIGUNGEN*





CONEXIONES Y ACORTADORES / *CONNECTIONS / CONNEXIONS / VERBINDUNGEN*

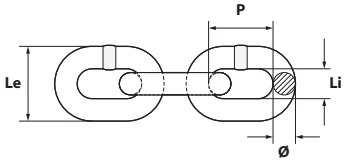


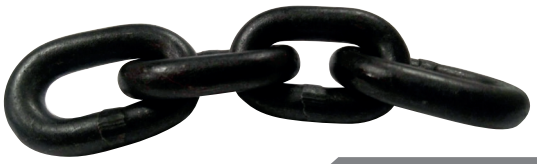
PARA PEDIR CUALQUIERA DE LOS CONJUNTOS SOLICITE UNA OFERTA A NUESTRO DEPARTAMENTO COMERCIAL
TO ORDER ANY OF THE SETS ASK FOR QUOTATION AT OUR SALES OFFICE
POUR COMMANDER QUELCONQUE DES ENSEMBLES DEMANDER LES PRIX À NOTRE BUREAU COMMERCIAL
UM EINES DER SETS ZU BESTELLEN, FRAGEN SIE BEI UNSEREM VERKAUFSBÜRO NACH EINEM ANGEBOT

CADENA ACERO NORMA EN 818-2 - GRADO 80

STEEL CHAIN ACCORDING TO EN 818-2 - 80 DEGREE
CHAÎNE ACIER SELON EN 818-2 - DEGRÉ 80
KETTE NACH EN 818-2 - GRAD 80

GRADO 80





CAJA / *BOX / BOÎTE*

CINCADO / *ZINC PLATED*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Ø m.m.	MEDIDA *Measure / Mesure* Inch.	* CMU Tn	Tolerancia *Tolerance Tolérances* m.m.	P m.m.	Tolerancia *Tolerance Tolérances* m.m.	Li min. m.m.	Le max. m.m.	F min. m.m.	PESO *Weight / Poids* Kg/m	m
CAD06	**6**	**1/4**	**1,12**	±0,24	18	±0,5	7,8	22,2	4,8	0,8	100
CAD08	**8**	**5/16**	**2,00**	±0,32	24	±0,7	10,4	29,6	6,4	1,4	100
CAD10	**10**	**3/8**	**3,15**	±0,40	30	±0,9	13,0	37,0	8	2,2	100
CAD13	**13**	**1/2**	**5,30**	±0,52	39	±1,2	16,9	48,1	10	3,8	100
CAD16	**16**	**5/8**	**8,00**	±0,64	48	±1,4	20,8	59,2	13	5,7	50
CAD20	**20**	**3/4**	**12,50**	±1,00	60	±1,8	26,0	74,0	16	9,0	30
CAD22[1]	**22**	**7/8**	**15,00**	±1,10	66	±2,0	28,6	81,4	18	10,9	25
CAD26[1]	**26**	**1"**	**21,20**	±1,30	78	±2,3	33,8	96,2	21	15,2	30
CAD32[1]	**32**	**1"1/4**	**31,50**	±1,60	96	±2,9	41,6	118	26	23,0	25

[1] Medidas disponibles bajo pedido / *Measurements available on request / Mesures disponibles sur demande / Maße auf Anfrage erhältlich*

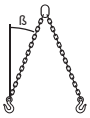
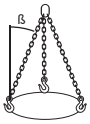
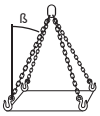
CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit
Coeficiente de seguridad - 4:1 / Safety ratio - 4:1 / Coefficient de sécurité - 4:1 / Sicherheitsverhältnis - 4:1

CARGAS MÁXIMAS DE UTILIZACIÓN PARA LOS PULPOS - GRADO 80

WORKING LOAD LIMITS OF SLINGS - GRADE 80
CHARGE MAXIMALE D'UTILISATION POUR ELINGUE - DEGRÉ 80
HÖCHSTE TRAGFÄHIGKEIT FÜR ANSCHLAGKETTEN - GRAD 80

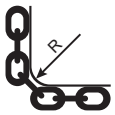
GRADO 80

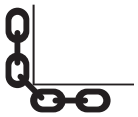
CMU. SEGÚN NORMA EN 818-4 */ WLL. ACCORDING TO EN 818-4 / CMU. SELON EN 818-4 / TRAGFÄHIGKEIT GEMAß DER NORM EN 818-4* **(kg)**

CADENA *CHAIN* *CHAÎNE* *KETTE*	**ESLINGA** *SINGLE LEG* *1 BRIN* *1 STRANG*	**2 RAMALES** *2 LEGS* *2 BRINS* *2 STRÄNGE*		**3-4 RAMALES** *3-4 LEGS* *3-4 BRINS* *3-4 STRÄNGE*		**ESLINGA CORREDERA** *CHOKED ENLESS SLINGS* *ELINGUES COULISSANTES SANS FIN* *ENDLOSE SCHLINGKETTEN*	**ESLINGA CESTA** *BASKET SLINGS* *ELINGUES À BOUCLE* *KRANZKETTEN*	
								
***FC.**	1	1,4 0º<ß≤ 45º	1 45º<ß≤ 60º	2,1 0º<ß≤ 45º	1,5 45º<ß≤ 60º	1,6	1,4 0º<ß≤ 45º	2,1 0º<ß≤ 45º
m.m.	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg
6	1.120	1.600	1.120	2.360	1.700	1.800	1.600	2.360
7	1.500	2.120	1.500	3.150	2.240	2.500	2.120	3.150
8	2.000	2.800	2.000	4.250	3.000	3.150	2.800	4.250
10	3.150	4.250	3.150	6.700	4.750	5.000	4.250	6.700
13	5.300	7.500	5.300	11.200	8.000	8.500	7.500	11.200
16	8.000	11.200	8.000	17.000	11.800	12.500	11.200	17.000
18	10.000	14.000	10.000	21.200	15.000	16.000	14.000	21.200
20	12.500	17.000	12.500	26.500	19.000	20.000	17.000	26.500
22	15.000	21.200	15.000	31.500	22.400	23.600	21.200	31.500
26	21.200	30.000	21.200	45.000	31.500	33.500	30.000	45.000
32	31.500	45.000	31.500	67.000	47.500	50.000	45.000	67.000

* FC.: Factor de carga */ Charge factor / Facteur de charge / Traglastfaktor*

USO DE LA CADENA EN ÁNGULO */ USE OF THE CHAIN ON EDGE / USAGE DE LA CHAÎNE SUR LE COIN / KANTENBELASTUNG*





	R ≥ al doble del diámetro de la cadena *R ≥ than double chain-diameter* *R ≥ à deux fois le diamètre de la chaîne* *R ≥ als 2x Ketten-Durchmesser*	**R ≥ al diámetro de la cadena** *R ≥ than the chain-diameter* *R ≥ le diamètre de la chaîne* *R ≥ als Ketten-Durchmesser*	**Borde afilado** *Sharp edge* *Coin vie* *Scharfe Kanten*
Factor de reducción *Reduction factor* *Facteur de réduction* *Reduktionsfaktor*	**1**	**0,7**	**0,5**
Carga de impulso *Impulsive load* *Chargé impulsive* *Stoßbelastung (Ö-Norm M 9605)*	**Impulso ligero** *Light impulse* *Léger pulsation* *Leichte Stöße*	**Impulso medio** *Medium impulse* *Moyenne pulsation* *Mittlere Stöße*	**Impulso fuerte** *Strong impulse* *Fort pulsation* *Starke Stöße*
Factor de reducción *Reduction factor* *Facteur de réduction* *Reduktionsfaktor*	**1**	**0,7**	**No permitido** *Not allowed* *Pas consentit* *Unzulässig*

TABLA DE CAPACIDAD NOMINAL - GRADO 80
INFORMACIÓN GENERAL PARA ACCESORIOS Y CADENAS
RATED CAPACITY TABLE - GRADE 80
GENERAL INFORMATION FOR ACCESSORIES AND CHAINS

TARJETA DE IDENTIFICACIÓN - GRADO 80

GRADE 80 IDENTIFICATION TAG
PLAQUE D'IDENTIFICATION GRADE 80
GRAD 80 KENNENZEICHNUNG STAHLEN-HÄNGER

TT1-TT2 TTI

CAJA / *BOX / BOÎTE* — **CINCADO** / *ZINC PLATED*

CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*	
TT1	**Tarjeta Id. 1 Ramal**	1
TT2	**Tarjeta Id. 2-3-4 Ramales**	1
TTI	**Anilla**	1

Anilla para tarjeta
Only ring / Anneau
(TTI)

Tarjeta de Id.
Tag / Plaque
(TT1 - TT2)

CE

Marcado CE
CE marked
Marquage CE

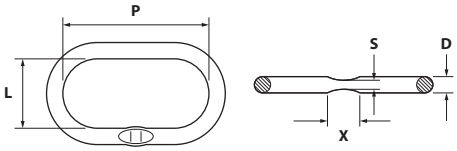
45° 2800 kgs. 60° 2000 kgs.

Carga de trabajo en función de los ángulos
Workload according to the angles
Charge de travail en fonction des angles

ANILLA MAESTRA OVAL - GRADO 80

OBLONG MASTERLINK - GRADE 80
MAILLE DE TÊTE OVALE - DEGRÉ 80
OVAL AUFHÄNGERINGE - GRAD 80

GRADO 80



CAJA / *BOX / BOÎTE* — **GRADO 80** / *GRADE 80*

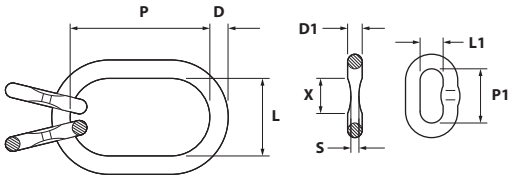
CÓDIGO *Code / Code*	Ø CADENA *Chain Ø / Ø Chaïne* ⊥	Ø CADENA *Chain Ø / Ø Chaïne* ⋀	* CMU Tn	D m.m.	P m.m.	L m.m.	SxX m.m.	PESO *Weight / Poids* Kg.	
AMO0706	**7**	**6**	**1,60**	13	110	60	8x25	0,34	1
AMO0807	**8**	**7**	**2,12**	16	110	60	8x25	0,53	1
AMO1008	**10**	**8**	**3,15**	18	135	75	8x35	0,92	1
AMO1310	**13**	**10**	**5,30**	22	160	90	11,5x35	1,60	1
AMO1613	**16**	**13**	**8,00**	26	180	100	14x46	2,46	1
AMO1816[1]	**18**	**16**	**11,20**	32	200	110	18x46	4,14	1
AMO2018[1]	**20**	**18**	**14,00**	36	260	140	-	6,22	1
AMO2220[1]	**22**	**20**	**17,00**	40	300	160	-	8,95	1
AMO2622[1]	**26**	**22**	**21,20**	45	340	180	-	12,82	1
AMO3226[1]	**32**	**26**	**31,50**	51	350	190	-	16,55	1
AMO3632[1]	**36**	**32**	**45,00**	57	400	200	-	27,01	1

[1] Medidas disponibles bajo pedido / *Measurements available on request / Mesures disponibles sur demande / Maße auf Anfrage erhältlich*

ANILLA MAESTRA OVAL ENSAMBLADA - GRADO 80

SUB-ASSEMBLY OBLONG MASTERLINK - GRADE 80
MAILLE DE TÊTE TRIPLE - DEGRÉ 80
AUFHÄNGEKÖPFE - GRAD 80

GRADO 80



CAJA / *BOX / BOÎTE* — **GRADO 80** / *GRADE 80*

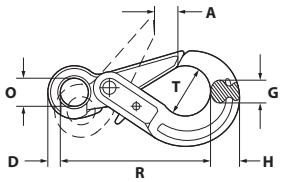
CÓDIGO *Code / Code*	Ø CADENA *Chain Ø / Ø Chaïne* ⋀ ⋀⋀	* CMU ⋀ 0º-45º Tn	* CMU ⋀ 45º-60º Tn	D m.m.	P m.m.	L m.m.	D1 m.m.	P1 m.m.	L1 m.m.	SxX m.m.	PESO *Weight / Poids* Kg/m	
AMOE06	**6**	**2,36**	**1,70**	18	135	75	13	54	25	8x25	1,31	1
AMOE08	**8**	**4,25**	**3,00**	22	160	90	16	70	34	8x25	2,32	1
AMOE10	**10**	**6,70**	**4,75**	26	180	100	18	85	40	11,5x35	3,52	1
AMOE13	**13**	**11,20**	**8,00**	32	200	110	22	115	50	14x35	6,26	1
AMOE16	**16**	**17,00**	**11,80**	36	260	140	26	140	65	18x46	9,56	1
AMOE18[1]	**18**	**21,20**	**15,00**	45	340	180	32	150	70	-	18,92	1
AMOE20[1]	**20**	**26,50**	**19,00**	51	350	190	32	150	70	-	22,65	1
AMOE22[1]	**22**	**31,50**	**22,40**	51	350	190	36	170	75	-	25,19	1
AMOE26[1]	**26**	**45,00**	**31,50**	57	400	200	40	170	80	-	36,01	1

[1] Medidas disponibles bajo pedido / *Measurements available on request / Mesures disponibles sur demande / Maße auf Anfrage erhältlich*

GANCHO AUTOCIERRE - GRADO 80

SELF LOOKING EYE HOOK - GRADE 80
CROCHET SECURITÉ AVEC LINGUET AUTOMATIQUE - GRADE 80
SICHERHEITSHAKEN MIT AUTOMATISCHER SICHERUNG - GRAD 80

GRADO 80



CAJA / *BOX / BOÎTE*

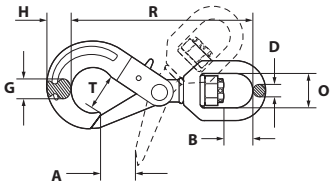
GRADO 80 / *GRADE 80*

CÓDIGO *Code / Code*	Ø CADENA *Chain Ø / Ø Chaïne*	Ø CADENA *Chain Ø / Ø Chaïne*	* CMU	A	D	G	H	O	R	T	PESO *Weight / Poids*	
	m.m.	Inch.	Tn	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
GA06	**6**	**1/4**	**1,12**	28	11	16	21	21	109	35	0,51	1
GA08	**7-8**	**9/32-5/16**	**2,00**	34	12	20	26	25	135	43	0,94	1
GA10	**10**	**3/8**	**3,15**	45	16	25	30	33	168	56	1,63	1
GA13	**13**	**1/2**	**5,30**	51	20	35	40	40	205	69	3,25	1

GANCHO AUTOCIERRE GIRATORIO - GRADO 80

SWIVEL SELF LOOKING HOOK - GRADE 80
CROCHET SECURITÉ À EMERILLON AVEC LINGUET AUTOMATIQUE DEGRÉ 80
DREHBARER SICHERHEITSHAKEN MIT AUTOMATISCHER SICHERUNG - GRAD 80

GRADO 80



CAJA / *BOX / BOÎTE*

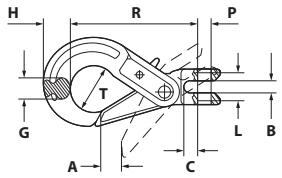
GRADO 80 / *GRADE 80*

CÓDIGO *Code / Code*	Ø CADENA *Chain Ø / Ø Chaïne*	Ø CADENA *Chain Ø / Ø Chaïne*	* CMU	R	A	B	O	D	G	H	T	PESO *Weight / Poids*	
	m.m.	Inch.	Tn	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
GAG06	**6**	**1/4**	**1,12**	150	28	23	37	13	15	20	35	0,60	1
GAG08	**7-8**	**9/32-5/16**	**2,00**	185	34	27	37	13	19	24	43	1,10	1
GAG10	**10**	**3/8**	**3,15**	217	45	35	42	16	23	30	56	2,00	1
GAG13	**13**	**1/2**	**5,30**	271	54	43	48	21	27	40	69	4,00	1
GAG16	**16**	**5/8**	**8,00**	334	62	58	62	22	37	49	80	6,80	1

GANCHO AUTOCIERRE HORQUILLA - GRADO 80

SELF LOOKING CLEVIS HOOK - GRADE 80
CROCHET SECURITÉ À CHAPE AVEC LINGUET AUTOMATIQUE - DEGRÉ 80
SICHERHEITSHAKEN MIT GABEL UND AUTOMATISCHER SICHERUNG - GRAD 80

GRADO 80



CAJA / *BOX / BOÎTE*

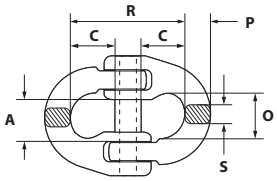
GRADO 80 / *GRADE 80*

CÓDIGO *Code / Code*	Ø CADENA *Chain Ø / Ø Chaïne*	Ø CADENA *Chain Ø / Ø Chaïne*	* CMU	A	B	C	G	H	R	T	PxL	PESO *Weight / Poids*	
	m.m.	Inch.	Tn	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
GAH06	**6**	**1/4**	**1,12**	28	7	8	16	21	94	35	7,5x17	0,49	1
GAH08	**7-8**	**9/32-5/16**	**2,00**	34	9	10	20	26	123	43	9x22,5	0,93	1
GAH10	**10**	**3/8**	**3,15**	45	12	14	25	30	143	56	13x31,5	1,58	1
GAH13	**13**	**1/2**	**5,30**	51	15	17	35	40	180	69	16x42	3,20	1
GAH16	**16**	**5/8**	**8,00**	60	19	19	36	50	215	80	21x51,5	5,95	1
GAH20	**20**	**3/4**	**12,50**	70	23	26	60	67	253	90	24x73	9,80	1

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit
Coeficiente de seguridad - 4:1 / Safety ratio - 4:1 / Coefficient de sécurité - 4:1 / Sicherheitsverhältnis - 4:1

MALLA DE CONEXIÓN - GRADO 80

CONNECTING LINK - GRADE 80
MAILLON DE JONCTION - DEGRÉ 80
VERBINDUNGSGLIED - GRAD 80



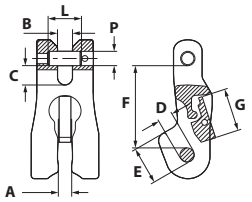
CAJA / *BOX / BOÎTE*

GRADO 80 / *GRADE 80*

CÓDIGO *Code / Code*	Ø CADENA *Chain Ø / Ø Chaïne*	Ø CADENA *Chain Ø / Ø Chaïne*	* CMU	A	C	O	R	P	S	PESO *Weight / Poids*	
	m.m.	Inch.	Tn	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
MAC06	**6**	**1/4**	**1,12**	16	18	16,5	43	7,2	6,8	0,07	1
MAC07	**7**	**9/32**	**1,50**	17,8	20	20,5	50,5	10,2	9	0,10	1
MAC08	**8**	**5/16**	**2,00**	19	25,5	23,5	62	11,5	10	0,25	1
MAC10	**10**	**3/8**	**3,15**	23,8	30	27,5	72	12,6	12,6	0,35	1
MAC13	**13**	**1/2**	**5,30**	28	36	33,3	87,3	19	16,7	0,68	1
MAC16	**16**	**5/8**	**8,00**	34,3	40,5	39,5	103	20,6	20,6	1,10	1
MAC20	**20**	**3/4**	**12,50**	44	48	47	116	23	23	1,70	1
MAC22	**22**	**7/8**	**15,00**	49	51	55	133	26,5	26,5	2,20	1
MAC26	**26**	**1"**	**21,20**	60	60	66	148	31,5	31,5	4,20	1
MAC32	**32**	**1"1/4**	**31,50**	80	77	86	190	40	32	7,19	1

ACORTADOR CADENA - GRADO 80

SHORTENING CLUTCH - GRADE 80
GRIFFE DE RACCOURCISSMENT - DEGRÉ 80
VERKÜRZUNGSKLAUE - GRAD 80



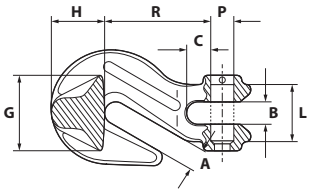
CAJA / *BOX / BOÎTE*

GRADO 80 / *GRADE 80*

CÓDIGO *Code / Code*	Ø CADENA *Chain Ø / Ø Chaïne*	Ø CADENA *Chain Ø / Ø Chaïne*	* CMU	A	B	C	D	E	F	G	PxL	PESO *Weight / Poids*	
	m.m.	Inch.	Tn	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
ACH06	**6**	**1/4**	**1,12**	8	8	10	8	19	45	23	7,5x17,5	0,21	1
ACH08	**8**	**5/16**	**2,00**	9,5	9,5	10	9,5	23,5	56	29	10x22,5	0,48	1
ACH10	**10**	**3/8**	**3,15**	12	12	14,5	12	32,5	78	36	13x31,5	1,12	1
ACH13	**13**	**1/2**	**5,30**	15,5	15,5	18	15,5	44	90	35	16x42	1,83	1
ACH16	**16**	**5/8**	**8,00**	19	21	21	19	50	106	38	21x51,5	2,83	1

GANCHO PARA ACORTAR - GRADO 80

CLEVIS GRAP HOOK - GRADE 80
CROCHET DE RECCOURCISSEMENT À CHAPE - DEGRÉ 80
VERKÜRZUNGSHAKEN MIT GABEL - GRAD 80



CAJA / *BOX / BOÎTE*

GRADO 80 / *GRADE 80*

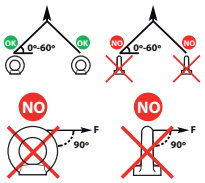
CÓDIGO *Code / Code*	Ø CADENA *Chain Ø / Ø Chaïne*	Ø CADENA *Chain Ø / Ø Chaïne*	* CMU	A	B	C	G	H	R	PxL	PESO *Weight / Poids*	
	m.m.	Inch.	Tn	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
GACH08	**8**	**5/16**	**2,00**	10	9	10	30	24	50	9x22,5	0,27	1
GACH10	**10**	**3/8**	**3,15**	13	13	14	44	31	72	13x31,5	0,75	1
GACH13	**13**	**1/2**	**5,30**	17	17	17	53	38	88	16x42	1,35	1
GACH16	**16**	**5/8**	**8,00**	20	21	20	64	60	111	21x51,5	2,30	1
GACH20	**20**	**3/4**	**12,50**	24	24	24	85	65	130	24x61,5	4,10	1

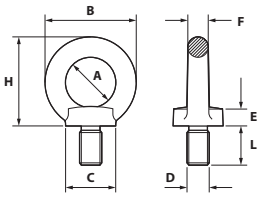
CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit
Coeficiente de seguridad - 4:1 / Safety ratio - 4:1 / Coefficient de sécurité - 4:1 / Sicherheitsverhältnis - 4:1

ANILLA ELEVACIÓN MACHO DIN 580 8.8

EYE BOLT DIN 580 8.8
ANNEAU DE LEVAGE MALE DIN 580 8.8
RINGSCHRAUBEN DIN 580 8.8

ACERO 8.8





ACERO 8.8 / *STEEL 8.8*

CAJA / *BOX / BOÎTE*

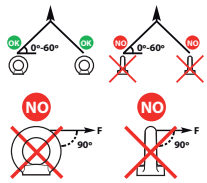
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* DxL m.m.	* CMU ⊥ 0º Tn	A m.m.	B m.m.	C m.m.	E m.m.	F m.m.	H m.m.	PESO *Weight / Poids* Kg.	
5808008	**M8x13**	**0,8**	25	45	25	10	10	45	0,09	1
5808010	**M10x17**	**1,0**	25	45	25	10	10	45	0,11	1
5808012	**M12x21**	**1,6**	35	63	35	14	14	62	0,27	1
5808016	**M16x27**	**4,0**	35	63	35	14	14	62	0,31	1
5808020	**M20x30**	**6,0**	50	90	50	20	20	90	0,86	1
5808024	**M24x36**	**8,0**	50	90	50	20	20	90	0,90	1
5808030	**M30x45**	**12,0**	60	108	65	24	24	109	1,70	1

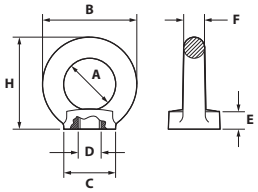
Roscar a mano / *To be screwed by hand / A visser a main / Von Hand aufschrauben*

ANILLA ELEVACIÓN HEMBRA DIN 582 8.8

EYE NUT DIN 582 8.8
ANNEAU DE LEVAGE FEMELLE DIN 582 8.8
RINGMUTTER DIN 582 8.8

ACERO 8.8





ACERO 8.8 / *STEEL 8.8*

CAJA / *BOX / BOÎTE*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* DxL m.m.	* CMU ⊥ 0º Tn	A m.m.	B m.m.	C m.m.	E m.m.	F m.m.	H m.m.	PESO *Weight / Poids* Kg.	
5828008	**M8**	**0,8**	25	45	25	10	10	45	0,10	1
5828010	**M10**	**1,0**	25	45	25	10	10	45	0,10	1
5828012	**M12**	**1,6**	35	63	35	14	14	62	0,26	1
5828016	**M16**	**4,0**	35	63	35	14	14	62	0,26	1
5828020	**M20**	**6,0**	50	90	50	20	20	90	0,75	1
5828024	**M24**	**8,0**	50	90	50	20	20	90	0,75	1
5828030	**M30**	**12,0**	60	108	65	24	24	109	1,40	1

Roscar a mano / *To be screwed by hand / A visser a main / Von Hand aufschrauben*

	*CMU (Tn)						
MEDIDA *MEASURE MESURE ABMESSUNG*	**1 BRAZO** *SINGLE LEG 1 BRIN 1 STRANG*	**2 BRAZOS** *2 LEGS 2 BRINS 2 STRÄNGE*	**2 BRAZOS** *2 LEGS 2 BRINS 2 STRÄNGE*		**3-4 RAMALES** *3-4 LEGS 3-4 BRINS 3-4 STRÄNGE*		**PAR DE APRIETE MÁX.** *MAX. TIGHT. COUPLE MAX. COUPLE SERRAGE MAX. DREHMOMENT*
	G	G	45º G	60º G	45º G	60º G	
	0º	0º	0º - 45º	45º - 60º	0º - 45º	45º - 60º	
m.m.	Tn	Tn	Tn	Tn	Tn	Tn	Nm
M8 / M8x13	0,8	1,6	0,28	0,2	0,4	0,28	8
M10 / M10x17	1	2	0,35	0,25	0,5	0,35	16
M12 / M12x21	1,6	3,2	0,56	0,4	0,8	0,56	28
M16 / M16x27	4	8	1,4	1	2	1,4	70
M20 / M20x30	6	12	2,1	1,5	3	2,1	135
M24 / M24x36	8	16	2,8	2	4	2,8	230
M30 / M30x45	12	24	4,2	3	6	4,2	465

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit
Coeficiente de seguridad - 4:1 / Safety ratio - 4:1 / Coefficient de sécurité - 4:1 / Sicherheitsverhältnis - 4:1

ANILLA ELEVACIÓN GIRATORIA CON ANILLA - GRADO 80

ROTATING EYE BOLT WITH RING - 80 DEGREE
ANNEAU DE LEVAGE EMERILLON À OEIL - DEGRÉ 80
WIRBELBOCK - GRAD 80

CAJA / *BOX / BOÎTE*

ACERO 8.8 / *STEEL 8.8*

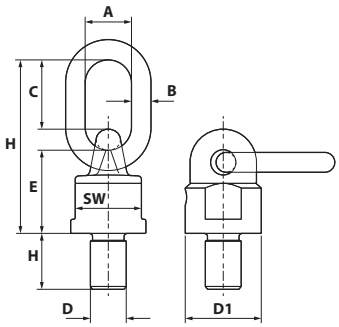
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* DxL m.m.	* CMU ⊥ 0º Tn	A m.m.	B m.m.	C m.m.	E m.m.	H m.m.	SW m.m.	D1 m.m.	PESO *Weight / Poids* Kg.	
CEA801218	**M12x18**	**0,50**	30	13	46	50	105	30	38	0,50	1
CEA801620	**M16x20**	**1,12**	30	13	46	50	105	30	38	0,53	1
CEA802030	**M20x30**	**2,00**	30	13	46	50	105	30	38	0,53	1
CEA802430	**M24x30**	**3,15**	40	19	70	68	153	48	58	1,63	1
CEA803035	**M30x35**	**5,30**	40	20	65	80	165	65	75	2,23	1

Roscar a mano. Coeficiente de seguridad 4 en todas la direcciones de carga. / *To be screwed by hand. Coefficient 4 in all loading directions.*
/ A visser a main. oefficient de sécurité de 4 dans toutes les directions de charge. / Von Hand aufschrauben. 4-fache Sicherheit in allen Belastungsrichtungen.

MEDIDA *MEASURE MESURE ABMESSUNG*	*CMU (Tn) 1 BRAZO *SINGLE LEG 1 BRIN 1 STRANG*	2 BRAZOS *2 LEGS 2 BRINS 2 STRÄNGE*	1 BRAZO *SINGLE LEG 1 BRIN 1 STRANG*	2 BRAZOS *2 LEGS 2 BRINS 2 STRÄNGE*	2 BRAZOS *2 LEGS 2 BRINS 2 STRÄNGE*			3-4 RAMALES *3-4 LEGS 3-4 BRINS 3-4 STRÄNGE*			PAR MÁX. *MAX. TIGHT. COUPLE MAX. COUPLE SERRAGE MAX. DREHMOMENT*
	0º	0º	0º	0º	0º - 45º	45º - 60º	Asimétrico	0º - 45º	45º - 60º	Asimétrico	
m.m.	Tn	Tn	Tn	Tn	Tn	Tn	Tn	Tn	Tn	Tn	Nm
M12x18	1	2	0,5	1	0,75	0,5	0,5	1,1	0,75	0,5	28
M16x20	2	4	1,12	2	1,5	1,12	1,12	2,36	1,6	1,12	70
M20x30	4	8	2	4	2,8	2	2	4	3	2	135
M24x30	6,3	12,5	3,15	6,3	4,25	3,15	3,15	6,3	4,75	3,15	230
M30x35	10,6	21,2	5,3	10,6	7,1	5,3	5,3	11,2	8	5,3	465

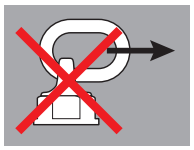
CARACTERÍSTICAS Y VENTAJAS

Cáncamo giratorio necesario para levantar cargas, se ensambla a la carga en sí, con un orificio roscado específico que se usa para girar o inclinar cargas pesadas.
- Coeficiente 4 en todas las direcciones de carga
- Diseñado, probado y certificado de acuerdo con la directiva técnica GS-OA 15-04 - EN 1677 y la directiva de máquinas 2006/42/EC
- Probado al 100% magnaflux
- Probado a 20.000 ciclos de estrés
- Se puede orientar a 360º con anillo basculante autoalineable a 180º
- Montado con esferas para facilitar la orientación de la carga
- En el tiro axial puede haber variación de +/-5º con una disminución de capacidad del 10%



CHARACTERISTICS AND ADVANTAGES

Turning eyebolt needed to lift loads to assemble to the load itself with specific threaded hole generally used to turn or tilt heavy loads.
- Coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the tecnichal GS-OA 15-04 - EN 1677 and the directive machinery directive 2006/42/EC
- Tested at 100% magnaflux
- Tested at 20.000 stress cycles
- Can be oriented at 360º with self aligning tilting ring at 180º
- Assembled with spheres to make load orientation easier
- On the axial pull there can be variation of +/-5º with a 10% decrease in capacity



NO PERMITIDO
NOT ALLOWED
NON PERMIS
NICHT ERLAUBT

CARACTÉRISTIQUES ET AVANTAGES

Boulon à œil tournant nécessaire pour soulever des charges à assembler à la charge elle-même avec un trou fileté spécifique généralement utilisé pour tourner ou incliner des charges lourdes.
- Coefficient 4 dans toutes les directions de chargement
- Conçu, testé et certifié selon les normes GS-OA 15-04 - EN 1677 et à la directive machines 2006/42/CE
- Testé à 100% magnaflux
- Testé à 20 000 cycles de stress
- Orientable à 360º avec bague inclinable à alignement automatique à 180º
- Assemblé avec des sphères pour faciliter l'orientation de la charge
- Sur la traction axiale, il peut y avoir une variation de +/-5º avec une diminution de 10% de la capacité

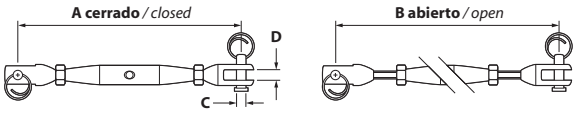
FUNKTIONEN UND VORTEILE

Anschraubbarer, drehbarer anschlagpunkt für das anheben schwerer lasten, die gedreht oder gewendet werden müssen
- 4-fache Sicherheit in allen Belastungsrichtungen
- Konstruiert, geprüft und zertifiert nach GS-OA 15-04 - EN 1677 und gemäß Mashinenrichtlinie 2006/42/EG
- Magnaflux-rissgerprüft zu 100%
- Ausgelegt auf eine Beanspruchung von 20.000 Lastwechseln
- 360º drehbar - Öse 180º selbstausrichtend schwenkbar
- Kugelgelagert für eine einfachere Lastausrichtung
- Bei axialem Zug ist eine Abweichung von +/-5º bei einer Reduzierung der Tragfähigkeit um 10% zulässig

TENSOR HORQUILLA - HORQUILLA INOXIDABLE A-4

STAINLESS STEEL AISI 316 TURNBUCKLES WITH 2 FORKS
RIDOIRS À DEUX CHAPES EN ACIER INOX. A-4
WANTENSPANNER MIT ZWEI GABELN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

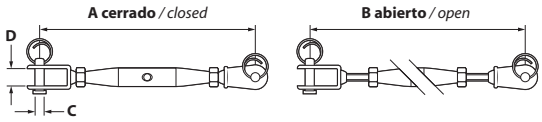
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	Ø CABLE *Rope Ø / Ø Cable*	A	B	C	D	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
THHA404	**4**	2	110	160	4	4	0,04	1
THHA405	**5**	2,5	120	180	4	5	0,06	1
THHA406	**6**	3	135	190	5	6	0,08	1
THHA408	**8**	4	160	220	7	8	0,16	1
THHA410	**10**	5	185	260	8	10	0,27	1
THHA412	**12**	6-7	250	365	10	12	0,38	1
THHA414	**14**	8	260	380	12	14	0,68	1
THHA416	**16**	10	305	460	14	16	1,03	1

TENSOR HORQUILLAS SOLDADAS INOXIDABLE A-4

STAINLESS STEEL AISI 316 TURNBUCKLES WITH 2 WELDED FORKS
RIDOIRS À DEUX CHAPES SOUDÉES EN ACIER INOX. A-4
WANTENSPANNER MIT ZWEI GESCHWEISSTEN GABELN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

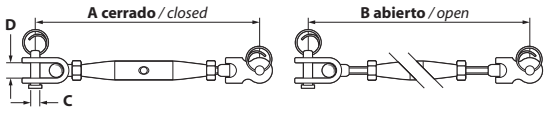
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	Ø CABLE *Rope Ø / Ø Cable*	A	B	C	D	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
THHSA406	**6**	3	135	200	6	11	0,08	1
THHSA408	**8**	4	145	210	6	11	0,16	1
THHSA410	**10**	5	180	250	8	13	0,27	1
THHSA412	**12**	6-7	210	300	12	12	0,38	1

TENSOR HORQUILLAS MÓVILES INOXIDABLE A-4

STAINLESS STEEL AISI 316 TURNBUCKLES WITH 2 JOINT FORKS
RIDOIRS À DEUX CHAPES ARTICULÉES EN ACIER INOX. A-4
WANTENSPANNER MIT ZWEI GELENKGABELN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

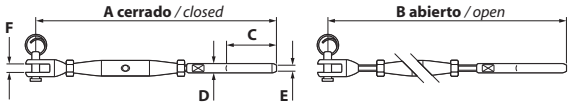
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	Ø CABLE *Rope Ø / Ø Cable*	A	B	C	D	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
THHGA406	**6**	3	135	190	5	8	0,09	1
THHGA408	**8**	4	190	260	8	10	0,18	1
THHGA410	**10**	5	230	320	8	12	0,34	1
THHGA412	**12**	6-7	280	380	8	14	0,54	1

TENSOR HORQUILLA - TERMINAL PRENSABLE INOX. A-4 [1]

STAINLESS STEEL AISI 316 TURNBUCKLES WITH FORK & TERMINAL
RIDOIRS À UNE CHAPE ET UN EMBOUT A SERTIR EN ACIER INOX. A-4
WANTENSPANNER MIT GABEL UND TERMINAL ZUM WALZEN

A4



CAJA / *BOX / BOÎTE*

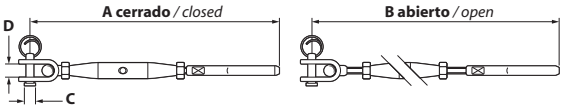
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	Ø CABLE *Rope Ø / Ø Cable*	A	B	C	D	E	F	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
THTA406	**6**	3	185	230	32	6	3,2	6	0,08	1
THTA408	**8**	4	210	275	40	8	4,2	8	0,13	1
THTA410	**10**	5	235	325	50	10	5,2	10	0,23	1
THTA412	**12**	6	320	435	60	12	6,2	12	0,48	1
THTA414	**14**	7	360	515	70	14	7,2	14	0,62	1
THTA416	**16**	8	415	575	78	16	8,2	16	1,12	1

TENSOR HORQUILLA MÓVIL - TERMINAL PRENSABLE INOX. A-4 [1]

STAINLESS STEEL AISI 316 TURNBUCKLES WITH JOINT FORK & TERMINAL
RIDOIRS À CHAPE ARTICULÉE ET EMBOUT A SERTIR ACIER INOX. A-4
WANTENSPANNER MIT GELENKGABEL UND TERMINAL ZUM WALZEN

A4



CAJA / *BOX / BOÎTE*

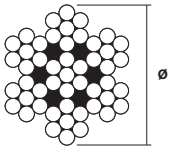
INOX. A-4 / *S.S. AISI 316*

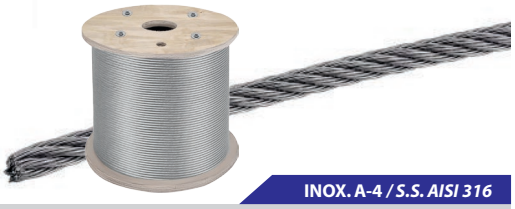
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	Ø CABLE *Rope Ø / Ø Cable*	A	B	C	D	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
THGTA406	**6**	3	150	200	6	8	0,08	1
THGTA408	**8**	4	190	250	8	10	0,15	1
THGTA410	**10**	5	235	305	10	12	0,28	1
THGTA412	**12**	6-7	310	410	12	14	0,50	1

CABLE 7X7 INOXIDABLE A-4 [1]

STAINLESS STEEL AISI 316 WIRE ROPE 7X7
CABLE 7X7 EN ACIER INOXIDABLE A-4
DRAHTSEIL EDELSTAHL A-4

A4





CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

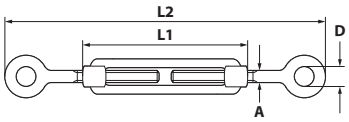
CÓDIGO *Code / Code*	Ø CABLE *Rope Ø / Ø Cable*	PESO *Weight / Poids*	
	m.m.	Kg/100m	m
CA40707030	**3**	3,5	100
CA40707040	**4**	6,3	100
CA40707050	**5**	9,8	100
CA40707060	**6**	14,2	100
CA40707080	**8**	25,2	50

[1] *Requiere de una prensa para fijar el cable al terminal / It requires a press to fix the cable to the terminal / Requiert une presse pour fixer le câble au terminal / Erfordert eine Klemme, um den Draht an der Klemme zu befestigen*

TENSOR ARO - ARO INOXIDABLE A-4

STAINLESS STEEL AISI 316 TURNBUCKLES WITH 2 EYES
RIDOIRS À DEUX ANNEAUX EN ACIER INOX. A-4
WANTENSPANNER MIT ZWEI ÖSEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

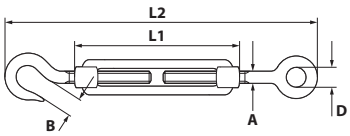
INOX. A-4 / *S.S. AISI 316*

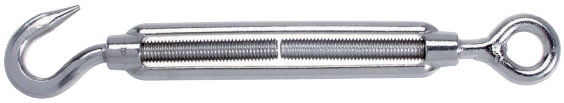
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* A m.m.	* CMU Kg	D m.m.	L1 m.m.	L2 m.m.	PESO *Weight / Poids* Kg.	
TAAA406	**6**	225	10	90	140÷220	0,08	1
TAAA408	**8**	410	14	120	180÷280	0,16	1
TAAA410	**10**	650	16	150	230÷360	0,25	1
TAAA412	**12**	930	18	200	280÷460	0,56	1
TAAA416	**16**	1.770	26	250	370÷590	1,00	1

TENSOR ARO - GANCHO INOXIDABLE A-4

STAINLESS STEEL AISI 316 TURNBUCKLES EYE & HOOK
RIDOIRS ANNEAU ET CROCHET EN ACIER INOX. A-4
SPANNSCHLÖSSER MIT ÖSE UND HAKEN AUS ROSTFREIEM STAHL

A4





CAJA / *BOX / BOÎTE*

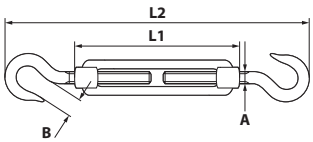
INOX. A-4 / *S.S. AISI 316*

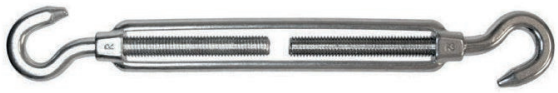
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* A m.m.	* CMU Kg	B m.m.	D m.m.	L1 m.m.	L2 m.m.	PESO *Weight / Poids* Kg.	
TAGA405	**5**	50	9	8	70	110÷170	0,04	1
TAGA406	**6**	75	10	10	90	140÷220	0,08	1
TAGA408	**8**	165	11	14	120	180÷280	0,17	1
TAGA410	**10**	235	12	16	150	230÷360	0,27	1
TAGA412	**12**	320	14	18	200	280÷460	0,56	1
TAGA416	**16**	530	16	26	250	370÷590	1,10	1
TAGA420	**20**	730	18	30	300	420÷650	1,90	1

TENSOR GANCHO - GANCHO INOXIDABLE A-4

STAINLESS STEEL AISI 316 TURNBUCKLES WITH TWO HOOKS
RIDOIRS À DEUX CROCHETS EN ACIER INOX. A-4
SPANNSCHLÖSSER MIT ZWEI HAKEN AUS ROSTFREIEM STAHL

A4





CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

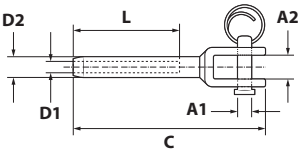
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* A m.m.	* CMU Kg	B m.m.	L1 m.m.	L2 m.m.	PESO *Weight / Poids* Kg.	
TGGA406	**6**	75	10	90	140÷220	0,08	1
TGGA408	**8**	165	11	120	180÷280	0,16	1
TGGA410	**10**	235	12	150	230÷360	0,25	1
TGGA412	**12**	320	14	200	280÷460	0,56	1
TGGA416	**16**	530	16	250	370÷590	1,10	1

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

TERMINAL PRENSABLE HORQUILLA INOXIDABLE A-4 [1]

STAINLESS STEEL AISI 316 FORK TERMINALS
EMBOUTS À CHAPE A SERTIR EN ACIER INOX. A-4
GESCHWEISSTE GABELTERMINALS ZUM WALZEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

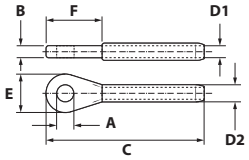
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	Ø CABLE *Rope Ø / Ø Cable*	D1	D2	L	A1	A2	C	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
THPA404	**4**	4,3	7,5	49	6	11	80	0,05	1
THPA405	**5**	5,3	9,0	52	8	12	95	0,06	1
THPA406	**6**	6,4	12,9	63	9	14	117	0,13	1
THPA408	**8**	8,4	16,0	85	12	17	159	0,23	1
THPA410	**10**	10,5	18,0	90	16	20	166	0,33	1
THPA412	**12**	12,5	20,0	105	16	23	213	0,52	1

TERMINAL PRENSABLE OJO INOXIDABLE A-4 [1]

STAINLESS STEEL AISI 316 EYE TERMINAL
EMBOUTS À OEIL A SERTIR EN ACIER INOX. A-4
AUGENTERMINALS ZUM WALZEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

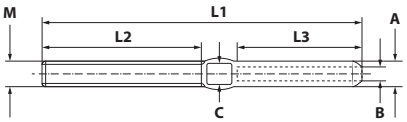
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	Ø CABLE *Rope Ø / Ø Cable*	D1	D2	A	B	C	E	F	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
TOA404	**4**	4,3	7,5	8,0	5	70	17	16,5	0,02	1
TOA405	**5**	5,3	9,1	10,0	7	92	22	28,0	0,04	1
TOA406	**6**	6,4	12,5	12,0	8	120	28	34,0	0,10	1
TOA408	**8**	8,4	16,1	14,5	10	140	32	40,0	0,19	1
TOA410	**10**	10,5	18,0	16,0	12	162	36	48,0	0,28	1
TOA412	**12**	12,6	20,0	18,0	16	180	40	55,0	0,38	1

TERMINAL PRENSABLE INOXIDABLE A-4 [1]

STAINLESS STEEL AISI 316 SWAGE STUDS
EMBOUTS À SERTIR EN ACIER INOX. A-4
TERMINAL ZUM WALZEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M	Ø CABLE *Rope Ø / Ø Cable*	L1	L2	L3	A	B	C	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
TPA406	**6**	**3**	100	39	48	6,3	3,3	5,0	0,03	1
TPA408	**8**	**4**	117	45	57	7,5	4,3	5,9	0,07	1
TPA410	**10**	**5**	130	51	63	9,0	5,3	6,9	0,08	1
TPA412	**12**	**6**	162	64	80	12,5	6,3	10,8	0,11	1

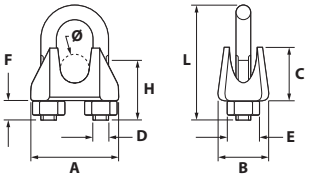
CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

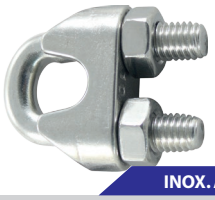
[1] *Requiere de una prensa para fijar el cable al terminal / It requires a press to fix the cable to the terminal / Requiert une presse pour fixer le câble au terminal / Erfordert eine Klemme, um den Draht an der Klemme zu befestigen*

SUJETACABLES DIN 741 INOXIDABLE A-4

STAINLESS STEEL AISI 316 WIRE ROPE CLIPS
SERRE-CABLES À ÉTRIER EN ACIER INOX. A-4
DRAHTSEILKLEMMEN AUS ROSTFREIEM STAHL

A4





CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	Ø CABLE *Rope Ø / Ø Cable*	A	B	C	E	F	H	L	D	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
741A404	**4**	**3-4**	22	14	8	7	3,5	12	22	4	0,01	1
741A405	**5**	**5**	24	16	9	8	4	15	24	5	0,02	1
741A406	**6**	**6**	30	18	11	10	5	18	33	6	0,03	1
741A408	**8**	**8**	33	20	12	10	5	20	35	6	0,04	1
741A410	**10**	**10**	37	22	14	13	6,5	22	43	8	0,07	1
741A412	**12**	**12**	45	25	16	17	8	30	54	10	0,12	1
741A414	**14**	**14**	46	27	18	17	8	30	54	10	0,15	1
741A416	**16**	**16**	53	30	20	17	8	30	65	10	0,20	1
741A420	**20**	**19-20**	58	33	22	19	10	35	80	12	0,27	1

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-4 / *S.S. AISI 316*

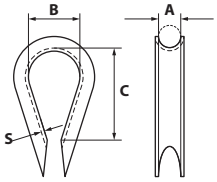
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BF741A404	**4**	10	12
BF741A405	**5**	8	12
BF741A406	**6**	6	12
BF741A408	**8**	4	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

GUARDACABOS INOXIDABLE A-4

STAINLESS STEEL AISI 316 THIMBLES
COSSES COEUR EN ACIER INOX. A-4
KAUSCHEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* A	Ø CABLE *Rope Ø / Ø Cable*	B	C	S	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
GCA404	**4**	**3-4**	11	18	1,0	0,008	1
GCA405	**5**	**5**	14	20	1,2	0,010	1
GCA406	**6**	**6**	15	23	1,2	0,010	1
GCA408	**8**	**8**	18	29	1,5	0,020	1
GCA410	**10**	**10**	24	37	1,5	0,030	1
GCA412	**12**	**12**	29	50	1,5	0,040	1
GCA414	**14**	**14**	33	54	2,0	0,080	1
GCA416	**16**	**16**	37	64	2,0	0,120	1

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-4 / *S.S. AISI 316*

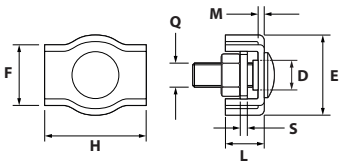
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BFGCA404	**4**	10	12
BFGCA405	**5**	8	12
BFGCA406	**6**	6	12
BFGCA408	**8**	4	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

PRENSACABLES SIMPLE INOXIDABLE A-4

STAINLESS STEEL AISI 316 SIMPLEX WIRE ROPE CLIPS
SERRE-CABLES SIMPLEX EN ACIER INOX. A-4
SIMPLEX DRAHTSEILKLEMMEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	Ø CABLE *Rope Ø / Ø Cable*	D	E	F	H	L	M	Q	S	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
PCA403	**3**	5	15	10	17,5	6,5	1,5	M4	1,5	0,02	1
PCA404	**4**	6,5	18	12	22	7,5	1,5	M5	1,5	0,03	1
PCA405	**5**	6,5	20	14	24	8,5	1,5	M5	1,5	0,03	1
PCA406	**6**	7	23	17	30	10	1,5	M6	1,5	0,04	1
PCA408	**8**	10	30	22	36	14	2	M8	2	0,05	1
PCA410	**10**	11	34	25	42	16	2	M10	3	0,09	1

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-4 / *S.S. AISI 316*

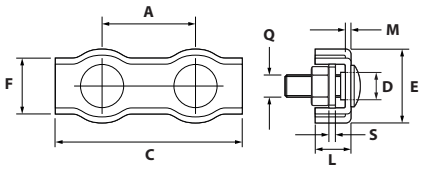
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BFPCA403	**3**	12	12
BFPCA404	**4**	10	12
BFPCA405	**5**	8	12
BFPCA406	**6**	6	12

PEDIDO MÍNIMO 1 EMBALAJE / *MINIMUM ORDER 1 PACKAGING*
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

PRENSACABLES DOBLE INOXIDABLE A-4

STAINLESS STEEL AISI 316 DUPLEX WIRE ROPE CLIPS
SERRE-CABLES DUPLEX EN ACIER INOX. A-4
DUPLEX DRAHTSEILKLEMMEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

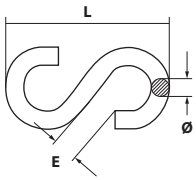
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	Ø CABLE *Rope Ø / Ø Cable*	A	C	D	E	F	L	M	Q	S	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	Kg.	
PCDA403	**3**	20,5	38	5	15	10	6,5	1,5	M4	1,5	0,030	1
PCDA404	**4**	25	47	6,5	18	12	7,5	1,5	M5	1,5	0,030	1
PCDA405	**5**	27	51	6,5	20	14	8,5	1,5	M5	1,5	0,028	1
PCDA406	**6**	33	63	7	23	17	10	1,5	M6	1,5	0,050	1
PCDA408	**8**	42	76	10	30	22	14	2	M8	2	0,100	1
PCDA410	**10**	46	88	11	34	25	16	2	M10	3	0,180	1

GANCHO "S" INOXIDABLE A-4

STAINLESS STEEL AISI 316 "S" HOOK
CROCHETS "S" EN ACIER INOX. A-4
"S" HAKEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Ø	E	L	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	Kg.	
ESEA403	**3**	4	30	0,004	10
ESEA404	**4**	6,5	40	0,009	10
ESEA405	**5**	8	50	0,014	5
ESEA406	**6**	9	60	0,025	5
ESEA408	**8**	12	80	0,065	5

PRENSA HIDRÁULICA DE 12 Tn

12 Tn HYDRAULIC CRIMPING PLIER
PRESSE HYDRAULIQUE - 12 Tn
HYDRAULISCHE PRESSZANGE - 12 Tn

MORDAZA AC PRENSA

CAJA / *BOX / BOÎTE* — **ACERO** / *STEEL*

CÓDIGO *Code / Code*	Ø CABLE *Rope Ø / Ø Cable* m.m.	Ø EXT. TERMINAL *Terminal Out. Ø Ø Ext. terminal* m.m.	
MPH3	**3**	**6,4**	1
MPH4	**4**	**7,5**	1
MPH5	**5**	**9,0**	1
MPH6	**6**	**12,5**	1

Cod.: MPH
Mordaza
Crimping die
Bâillon
Presseinsätze

Cod.: PH
Prensa hidráulica
Hydraulic crimping plier
Presse hydraulique
Hydraulische pressange

CAJA / *BOX / BOÎTE* — **ACERO** / *STEEL*

CÓDIGO *Code / Code*	CARACTERÍSTICAS *Features / Caractéristiques*	
PH	**12 Tn - 12 mm**	1

CARACTERÍSTICAS Y VENTAJAS

Con una fuerza de 12 toneladas y una ancho de 12 mm, las prensas hidráulicas son ideales para prensar el cable de forma rápida y económica directamente en el lugar. Se suministra en una caja de plástico y sin mordazas.

CHARACTERISTICS AND ADVANTAGES

With a force of 12 tons and a width of 12mm, the hydraulic pliers are ideally suited for quickly and inexpensively crimping the wire rope directly on site. Supplied in a plastic case without crimping dies.

ALICATES PICO DE LORO

WIRE ROPE CUTTER
CISAILLE POUR CÂBLE
DRAHTSEILSCHERE

AC

CAJA / *BOX / BOÎTE* — **ACERO** / *STEEL*

CÓDIGO *Code / Code*	Ø MAX. CABLE *Rope max Ø / Ø Max. cable* m.m.	
CCPL05	**5**	1
CCPL12	**12**	1

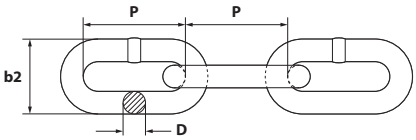
Cod.: CCPL05
Ø Max. 5mm

Cod.: CCPL12
Ø Max. 12mm

CADENA DIN 766 INOXIDABLE A4

STAINLESS STEEL AISI 316 CHAIN DIN 766
CHAÎNE DIN 766 EN ACIER INOXIDABLE A4
KETTE DIN 766 EDELSTAHL A4

A4



CAJA / *BOX / BOÎTE* — **INOX. A-4** / *S.S. AISI 316*

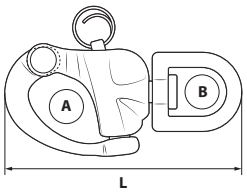
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D m.m.	CARGA DE TRABAJO [1] *Working load / Charge de travail* kg	P m.m.	b2 m.m.	PESO *Weight / Poids* Kg/100m	m
766A403	**3**	60	16	11	16	50
766A404	**4**	200	16	13,7	32	50
766A405	**5**	320	18,5	17	50	50
766A406	**6**	400	18,5	20	75	25
766A408	**8**	800	24	27	135	25

[1] Las cargas y capacidades mencionadas en esta cadena son solo indicativas. No permitido para tracción o elevación. / *The loads and capacities mentioned in this chain are only indicative. Not allowed for traction or lifting. / Les charges et capacités mentionnées dans cette chaîne ne sont qu'indicatives. Non autorisé pour la traction ou le levage. / Die in dieser Kette genannten Lasten und Kapazitäten sind nur Richtwerte. Nicht zum Ziehen oder Heben zugelassen.*

MOSQUETÓN GRILLETE GIRATORIO INOXIDABLE A-4

STAINLESS STEEL AISI 316 SWIVEL SNAP SHACKLES
MOUSQUETONS DE DRISSE À EMERILLON EN ACIER INOX. A-4
KARABINERHAKEN MIT WIRBEL AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

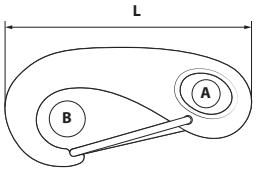
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	A	B	L	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	Kg.	
MGGA401	**1**	12	12	70	0,05	1
MGGA402	**2**	16	16	87	0,12	1
MGGA403	**3**	22	22	128	0,33	1

MOSQUETÓN GANCHO INOXIDABLE A-4

STAINLESS STEEL AISI 316 SPRING SNAPS
MOUSQUETONS À RESORT EN ACIER INOX. A-4
KARABINERHAKEN AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

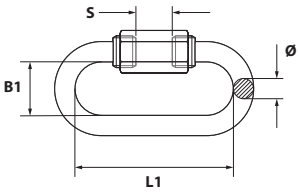
INOX. A-4 / *S.S. AISI 316*

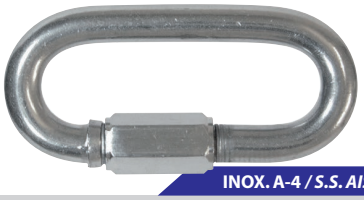
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L	A	B	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	Kg.	
MGA4050	**50**	6	8	0,02	1
MGA4070	**70**	10	12	0,05	1
MGA4100	**100**	13	16	0,15	1

MALLA RÁPIDA INOXIDABLE A-4

STAINLESS STEEL AISI 316 QUICK LINKS
MAILLONS RAPIDES EN ACIER INOX. A-4
KETTENGLIED AUS ROSTFREIEM STAHL

A4





CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* Ø	L1	B1	S	PESO *Weight / Poids*	
	m.m.	m.m.	m.m.	m.m.	Kg.	
MRA404	**4**	32	12	5,5	0,01	1
MRA405	**5**	39	13	6,5	0,02	1
MRA406	**6**	45	14	7,5	0,03	1
MRA408	**8**	58	18	9,5	0,08	1
MRA410	**10**	69	22	12,0	0,15	1
MRA412	**12**	81	24	14,5	0,23	1

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-4 / *S.S. AISI 316*

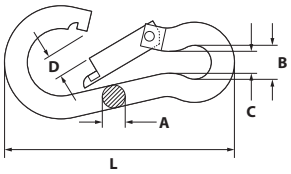
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BFMRA404	**4**	4	12
BFMRA405	**5**	3	12
BFMRA406	**6**	2	12
BFMRA408	**8**	2	12

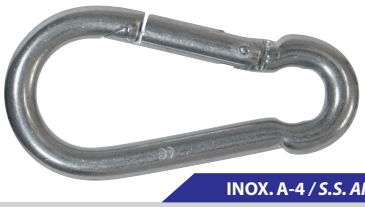
PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MOSQUETÓN BOMBERO INOXIDABLE A-4

STAINLESS STEEL AISI 316 SNAP HOOKS
MOUSQUETONS EN ACIER INOX. A-4
KARABINERHAKEN AUS ROSTFREIEM STAHL

A4





CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.	A m.m.	B m.m.	C m.m.	D m.m.	PESO *Weight / Poids* Kg.	
MBA4040	**40**	4	6	5,0	6	0,008	1
MBA4050	**50**	5	8	6,0	7	0,020	1
MBA4060	**60**	6	9	7,5	8	0,030	1
MBA4080	**80**	8	12	9,0	11	0,070	1
MBA4100	**100**	10	15	10,5	13	0,130	1
MBA4120	**120**	11	19	15,5	16	0,190	1

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-4 / *S.S. AISI 316*

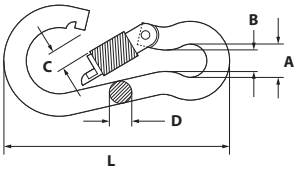
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.		
BFMBA4040	**40**	8	12
BFMBA4050	**50**	6	12
BFMBA4060	**60**	4	12
BFMBA4080	**80**	2	12

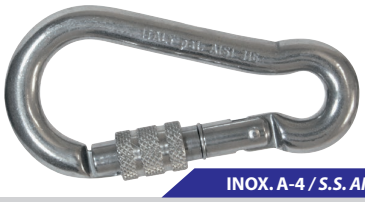
PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

MOSQUETÓN BOMBERO CON SEGURO INOXIDABLE A-4

SS. AISI 316 SNAP HOOKS WITH SAFETY SCREW
MOUSQUETONS À VIS DE SECURITÉ EN ACIER INOX. A-4
KARABINERHAKEN MIT SCHRAUBSICHERUNG

A4





CAJA / *BOX / BOÎTE*

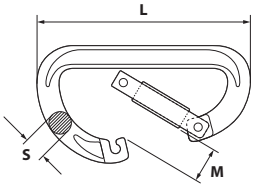
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	D m.m.	PESO *Weight / Poids* Kg.	
MBSA4100	**100**	350	15	10,5	13	10	0,133	1
MBSA4120	**120**	450	18	12	16	11	0,189	1

MOSQUETÓN ASIMÉTRICO INOXIDABLE A-4

STAINLESS STEEL AISI 316 ASYMETRICAL SNAP HOOKS
MOUSQUETONS ASYMETRIQUES EN ACIER INOX. A-4
ASYMMETRISCHE KARABINERHAKEN AUS EDELSTAHL

A4



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

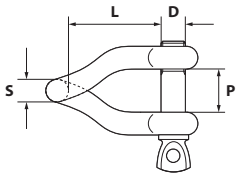
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* L m.m.	S m.m.	M m.m.	PESO *Weight / Poids* Kg.	
MAA4080	**80**	8	12	0,07	1
MAA4100	**100**	10	18	0,13	1

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

GRILLETE TORCIDO INOXIDABLE A-4

STAINLESS STEEL AISI 316 TWISTED SHACKLES
MANILLES TORSÉES EN ACIER INOX. A-4
GEDREHTE SCHÄKEL AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

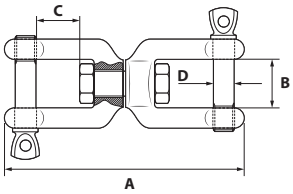
INOX. A-4 / *S.S. AISI 316*

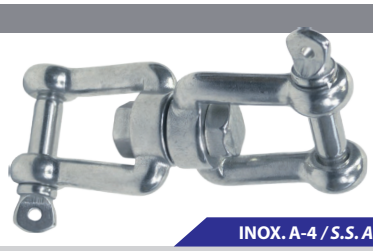
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D m.m.	P m.m.	L m.m.	S m.m.	PESO *Weight / Poids* Kg.	
GRRA404	**4**	8	22	4	0,01	1
GRRA405	**5**	10	28	5	0,01	1
GRRA406	**6**	12	34	6	0,03	1
GRRA408	**8**	16	40	8	0,07	1
GRRA410	**10**	20	45	10	0,13	1
GRRA412	**12**	24	52	12	0,22	1

GRILLETE GIRATORIO HORQUILLAS INOXIDABLE A-4

STAINLESS STEEL AISI 316 JAW & JAW SWIVELS
EMERILLONS AVEC DEUX MANILLES EN ACIER INOX. A-4
WIRBEL GABEL-GABEL AUS ROSTFREIEM STAHL

A4





CAJA / *BOX / BOÎTE*

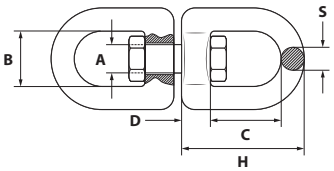
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* D m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	PESO *Weight / Poids* Kg.	
GGHHA406	**6**	350	66	12	11	0,066	1
GGHHA408	**8**	650	94	16	16	0,170	1
GGHHA410	**10**	1.000	118	20	22	0,330	1
GGHHA413	**13**	1.400	152	26	28	0,667	1
GGHHA416	**16**	2.500	188	32	37	1,148	1
GGHHA419	**19**	4.000	229	38	45	2,084	1

GRILLETE GIRATORIO INOXIDABLE A-4

STAINLESS STEEL AISI 316 SWIVELS
EMERILLONS EN ACIER INOX. A-4
WIRBEL AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

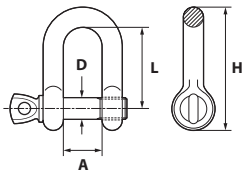
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* m.m.	* CMU Kg	A m.m.	B m.m.	C m.m.	D m.m.	H m.m.	S m.m.	PESO *Weight / Poids* Kg.	
GGA413	**13**	875	14	32	46	18	77	13	0,53	1
GGA416	**16**	1.250	16	39	56	22	94	16	1,14	1
GGA420	**20**	2.500	20	41	63	33	115	19	1,83	1
GGA425	**25**	4.000	25	63	88	35	148	25	4,00	1

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

GRILLETE RECTO INOXIDABLE A-4

STAINLESS STEEL AISI 316 "D" SHACKLES
MANILLES DROITES EN ACIER INOX. A-4
GERADE SCHÄKEL AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	* CMU	A	D	L	H	PESO *Weight / Poids*	
	m.m.	Kg	m.m.	m.m.	m.m.	m.m.	Kg.	
GRA405	**5**	70	10	5	20	30	0,02	1
GRA406	**6**	100	14	6	26	37	0,03	1
GRA408	**8**	250	16	8	32	48	0,07	1
GRA410	**10**	400	20	10	45	64	0,13	1
GRA412	**12**	630	25	12	48	72	0,22	1
GRA416	**16**	1.000	34	16	64	96	0,38	1

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-4 / *S.S. AISI 316*

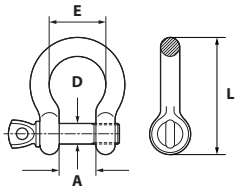
CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BFGRA405	**5**	6	12
BFGRA406	**6**	4	12
BFGRA408	**8**	2	12

PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

GRILLETE LIRA INOXIDABLE A-4

STAINLESS STEEL AISI 316 BOW SHACKLES
MANILLES LYRE EN ACIER INOX. A-4
GESCHWEIFTE SCHÄKEL AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*	* CMU	A	D	E	L	PESO *Weight / Poids*	
	m.m.	Kg	m.m.	m.m.	m.m.	m.m.	Kg.	
GLA405	**5**	80	10	5	15,0	20	0,020	1
GLA406	**6**	100	14	6	21,0	24	0,030	1
GLA408	**8**	200	16	8	24,0	32	0,080	1
GLA410	**10**	300	20	10	31,0	40	0,130	1
GLA412	**12**	500	26	12	38,0	48	0,224	1
GLA414	**14**	600	30	14	43,5	63,5	0,346	1
GLA416	**16**	800	32	16	52,0	64	0,370	1
GLA420	**20**	1.100	42	19	59,0	76	0,950	1
GLA425	**25**	2.000	54	25	76,5	100	2,200	1

AUTOSERVICIO / *SELF-SERVICE / AUTO-SERVICE*

INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure*		
	m.m.		
BFGLA405	**5**	6	12
BFGLA406	**6**	4	12
BFGLA408	**8**	2	12

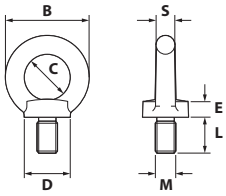
PEDIDO MÍNIMO 1 EMBALAJE / ***MINIMUM ORDER 1 PACKAGING***
COMMANDE MINIMALE 1 EMBALLAGE / MINDESTBESTELLMENGE 1 VERPACKUNG

CMU.: Carga máxima de utilización / CMU.: Working load limit / CMU.: Charge maximale d'utilisation / CMU.: Höchste tragfähigkeit

ANILLA ELEVACIÓN MACHO DIN 580 INOXIDABLE A-4

STAINLESS STEEL AISI 316 EYE BOLTS DIN 580
ANNEAU DE LEVAGE DIN 580 EN ACIER INOX. A-4
RINGSCHRAUBEN DIN 580 AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

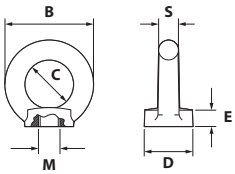
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	* CMU 0° Kg	* CMU 45° Kg	PA. Nm	B m.m.	C m.m.	D m.m.	E m.m.	L m.m.	S m.m.	PESO *Weight / Poids* Kg.	
580A406	**M6**	90	60	3,5	36	20	20	6	13	8	0,05	1
580A408	**M8**	140	100	8	36	20	20	6	13	8	0,06	1
580A410	**M10**	230	170	16	45	25	25	8	17	10	0,12	1
580A412	**M12**	340	240	28	54	30	30	10	20,5	12	0,18	1
580A414	**M14**	500	350	45	54	30	30	10	20,5	12	0,19	1
580A416	**M16**	700	500	70	63	35	35	12	27	14	0,31	1
580A420	**M20**	1.200	860	135	72	40	40	14	30	16	0,44	1

ANILLA ELEVACIÓN HEMBRA DIN 582 INOXIDABLE A-4

STAINLESS STEEL AISI 316 EYE NUTS DIN 582
ANNEAU DE LEVAGE DIN 582 EN ACIER INOX. A-4
RINGMUTTERN DIN 582 AUS ROSTFREIEM STAHL

A4



CAJA / *BOX / BOÎTE*

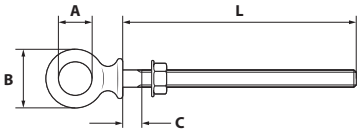
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* M m.m.	* CMU 0° Kg	* CMU 45° Kg	PA. Nm	B m.m.	C m.m.	D m.m.	E m.m.	S m.m.	PESO *Weight / Poids* Kg.	
582A406	**M6**	90	60	3,5	36	20	20	8,5	8	0,06	1
582A408	**M8**	140	100	8	36	20	20	8,5	8	0,05	1
582A410	**M10**	230	170	16	45	25	25	10	10	0,10	1
582A412	**M12**	340	240	28	54	30	30	11	12	0,16	1
582A414	**M14**	500	350	45	54	30	30	11	12	0,16	1
582A416	**M16**	700	500	70	63	35	35	13	14	0,24	1
582A420	**M20**	1.200	860	135	72	40	40	16	16	0,38	1

BULÓN OJO CON TUERCA Y ARANDELA INOXIDABLE A-4

STAINLESS STEEL AISI 316 EYE BOLTS WITH NUT & WASHER
PITONS À OEIL AVEC ÉCROU ET RONDELLE EN ACIER INOX. A-4
AUGENBOLZEN MIT FESTER ÖSE AUS ROSTFREIEM STAHL

A4



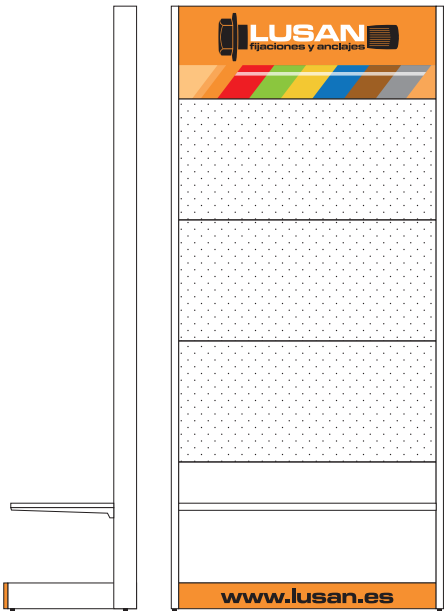
CAJA / *BOX / BOÎTE*

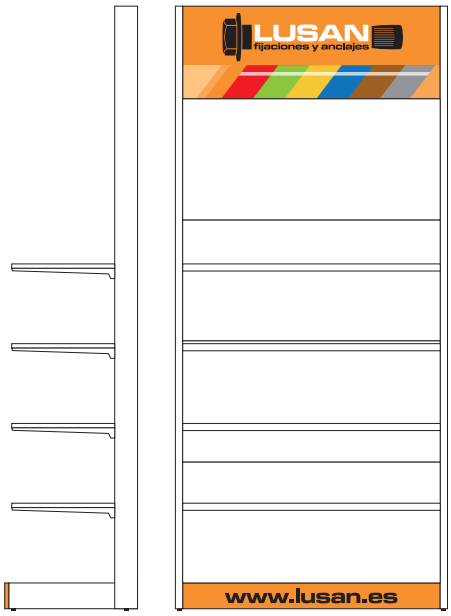
INOX. A-4 / *S.S. AISI 316*

CÓDIGO *Code / Code*	MEDIDA *Measure / Mesure* MxL m.m.	A m.m.	B m.m.	C m.m.	PESO *Weight / Poids* Kg.	
BOA406060	**6x60**	12	22	6	0,03	1
BOA406080	**6x80**	12	22	8	0,03	1
BOA408060	**8x60**	14	27	6	0,05	1
BOA408080	**8x80**	14	27	8	0,06	1
BOA408100	**8x100**	14	27	10	0,06	1
BOA410100	**10x100**	16	31	10	0,10	1
BOA412120	**12x120**	18	36	12	0,16	1

EXPOSITOR AUTOSERVICIO DE PARED 234x100x50 cm

WALL DISPLAY - 234x100x50 cm
AFFICHAGE MURAL - 234x100x50 cm
WANDDISPLAY - 234x100x50 cm



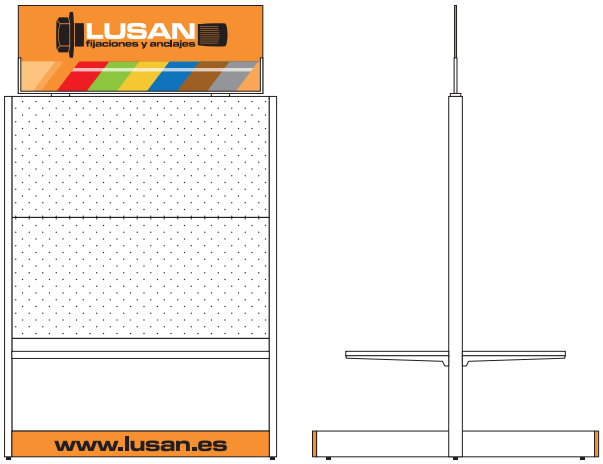


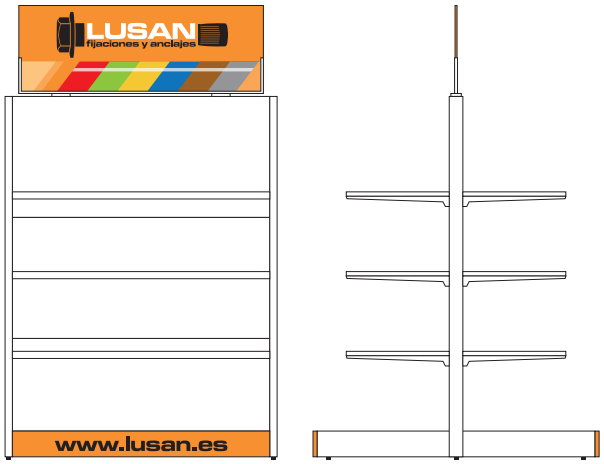
CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*
EXPOSFF	**EXPOSITOR 2 BALDAS** */ 2 SHELVES DISPLAY*

CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*
EXPOSFL	**EXPOSITOR 5 BALDAS** */ 5 SHELVES DISPLAY*

EXPOSITOR AUTOSERVICIO "GÓNDOLA" 140x100x108 cm

"GONDOLA" DISPLAY - 104x100x108 cm
AFFICHAGE "GONDOLA" - 104x100x108 cm
DISPLAY "GONDOLA" - 104x100x108 cm



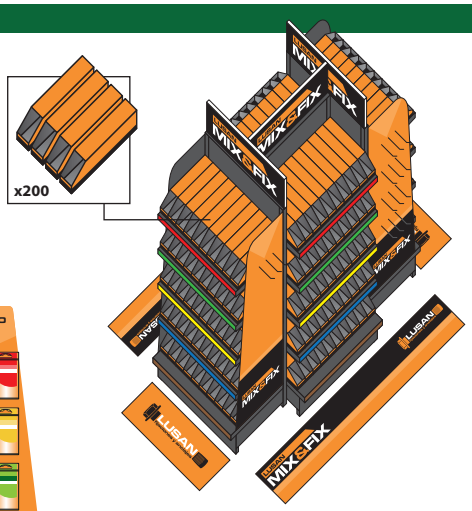


CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*
EXPOGNDP	**EXPOSITOR 4 BALDAS** */ 4 SHELVES DISPLAY*

CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*
EXPOGND	**EXPOSITOR 8 BALDAS** */ 8 SHELVES DISPLAY*

EXPOSITOR AUTOSERVICIO MIX&FIX 145x220x108

MIX&FIX DISPLAY - 145x220x108 cm
AFFICHAGE MIX&FIX - 145x220x108 cm
DISPLAY MIX&FIX - 145x220x108 cm



CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*
EXPOI	**EXPOSITOR 20 BALDAS MIX&FIX** / *20 SHELVES DISPLAY MIX&FIX*

CARACTERÍSTICAS Y VENTAJAS

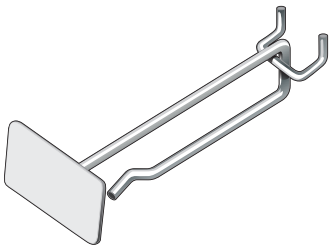
- Expositor de autoservicio personalizado
- 200 referencias de material a granel
- 24 referencias de material en blister
- 3 tamaños de bolsa para el material a granel

CHARACTERISTICS AND ADVANTAGES

- Personalized self-service display
- 200 bulk material references
- 24 material references in blister
- 3 bag sizes for bulk material

GANCHOS PARA PANEL PERFORADO

HOOKS FOR PERFORATED PANEL
CROCHETS POUR PANNEAU PERFORÉ
HAKEN FÜR PERFORIERTE PLATTE



CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*
GANCHOE	**GANCHO CON CARTEL** / *HOOK WITH SIGN*

EXPOSITOR AUTOSERVICIO "GAMA NYLON" 160x60x32 cm

DISPLAY "NYLON RANGE"
AFFICHAGE "GAMME NYLON"
DISPLAY "NYLON-SORTIMENT"

CÓDIGO *Code / Code*	DESCRIPCIÓN *Description / Description*
GANCHOE	**GANCHO CON CARTEL** / *HOOK WITH SIGN*

MATERIALES PARA SU APLICACIÓN / *MATERIALS FOR APPLICATION / MATERIAUX POUR L'APPLICATION / MATERIAL FÜR DEN EINSATZ*

- **HORMIGÓN** *CONCRETE*
- **HORMIGÓN HUECO** *HOLLOW CONCRETE BRICK*
- **LADRILLO** *BRICK*
- **LADRILLO HUECO** *HOLLOW BRICK*
- **PIEDRA MACIZA** *SOLID STONE*
- **MADERA** *WOOD*
- **PANEL CARTÓN-YESO** *PLASTERBOARD*
- **PANEL AISLANTE** *ISULATING PANEL*
- **PANEL SANDWICH** *SANDWICH PANEL*
- **PERFILES DE ALUMINIO** *ALUMINIUM PROFILES*
- **VIGA** *BEAM*
- **PERFILES DE CHAPA** *SHEET PROFILES*
- **ENSAMBLAJE METAL** *METAL ASSEMBLY*
- **TEJA** *TILE*

MATERIALES / *MATERIALS / MATERIAUX / MATERIALEN*

- ZN **ACERO CINCADO** *ZINC PLATED STEEL*
- NG **CINCADO NEGRO** *BLAKC ZINC PLATED*
- NQ **NIQUELADO** *NICKEL PLATED*
- BC **BICROMATADO** *BICHROMATED*
- PV **PAVONADO** *BLUNED STEEL*
- FO **FOSFATADO** *PHOSPHATED*
- AC **ACERO** *STEEL*
- AC **ACERO CEMENTADO** *HARDENED STEEL*
- BIM **BIMETAL** *BIMETAL*
- A2 **INOXIDABLE A-2** *STAINLESS STEEL AISI 304*
- A4 **INOXIDABLE A-4** *STAINLESS STEEL AISI 316*
- LB **LACADO BLANCO** *WHITE LACQUERED*
- GRADO 40 **ACERO GRADO 40** *GRADE 40 STEEL*
- GRADO 80 **ACERO GRADO 80** *GRADE 80 STEEL*
- ZA **ZAMAK** *ZAMAK*
- AL **ALUMINIO** *ALUMINUM*
- LA **LATÓN** *BRASS*
- LN **LACADO NEGRO** *BLACK LACQUERED*
- NY **NYLON** *NYLON*
- PP **POLIPROPILENO** *POLYPROPYLENE*
- HDPE **POLIETILENO ALTA DENSIDAD** *HIGH DENSITY POLYETHYLENE*
- LDPE **POLIETILENO BAJA DENSIDAD** *LOW DENSITY POLYETHYLENE*
- EPDM **EPDM** *EPDM*

HERRAMIENTAS Y ACCESORIOS / *TOOLS AND ACCESSORIES / OUTILS ET ACCESSORIES / WERKZEUGE UND ZUBEHÖR*

- Nm **LLAVE DINAMOMÉTRICA** *TORQUE WRENCH*
- **MARTILLO** *HAMMER*
- **ATORNILLADORA** *ELECTRIC SCREWDRIVER*
- **TACO DE NYLON** *NYLON PLUG*
- **TAMIZ** *PERFORATED SLEEVE*

OTROS / *OTHERS / AUTRES / ANDEREN*

- INV **TLLO. INVIOLABLE** *SECURITY SCREW*
- FIRE RESISTANCE **RESISTENCIA AL FUEGO** *FIRE RESISTANCE*
- SEISMIC FIXING **FIJACIÓN SÍSMICA** *SEISMIC FIXING*
- **TUERCA ANTIGIRO** *ANTI-ROTATION NUT*
- GARANTIA NYLON **GARANTÍA NYLON** *NYLON WARRANTY*
- 180° **APLICACIÓN A 180º** *APPLICATION TO 180º*
- STYRENE FREE **SIN ESTIRENO** *STYRENE FREE*
- MEDIUM LOADS **CARGAS MEDIAS** *MEDIUM LOADS*
- HIGH LOADS **CARGAS ALTAS** *HIGH LOADS*
- FAST **SECADO RÁPIDO** *FAST DRY*
- **VARILLAS CORRUGADAS** *REBARS*
- **CONEXIÓN BARRAS DE REFUERZO** *REBAR CONNECTION*
- INUNDADO **CONDICIONES DE HUMEDAD** *WET CONDITIONS*
- CE **CERT. CE** *CE CERT.*
- ETA **HOMOLOGACIÓN EUROPEA** *EUROPEAN HOMOLOGATION*

LUSAN FIJACIONES Y ANCLAJES S.L.
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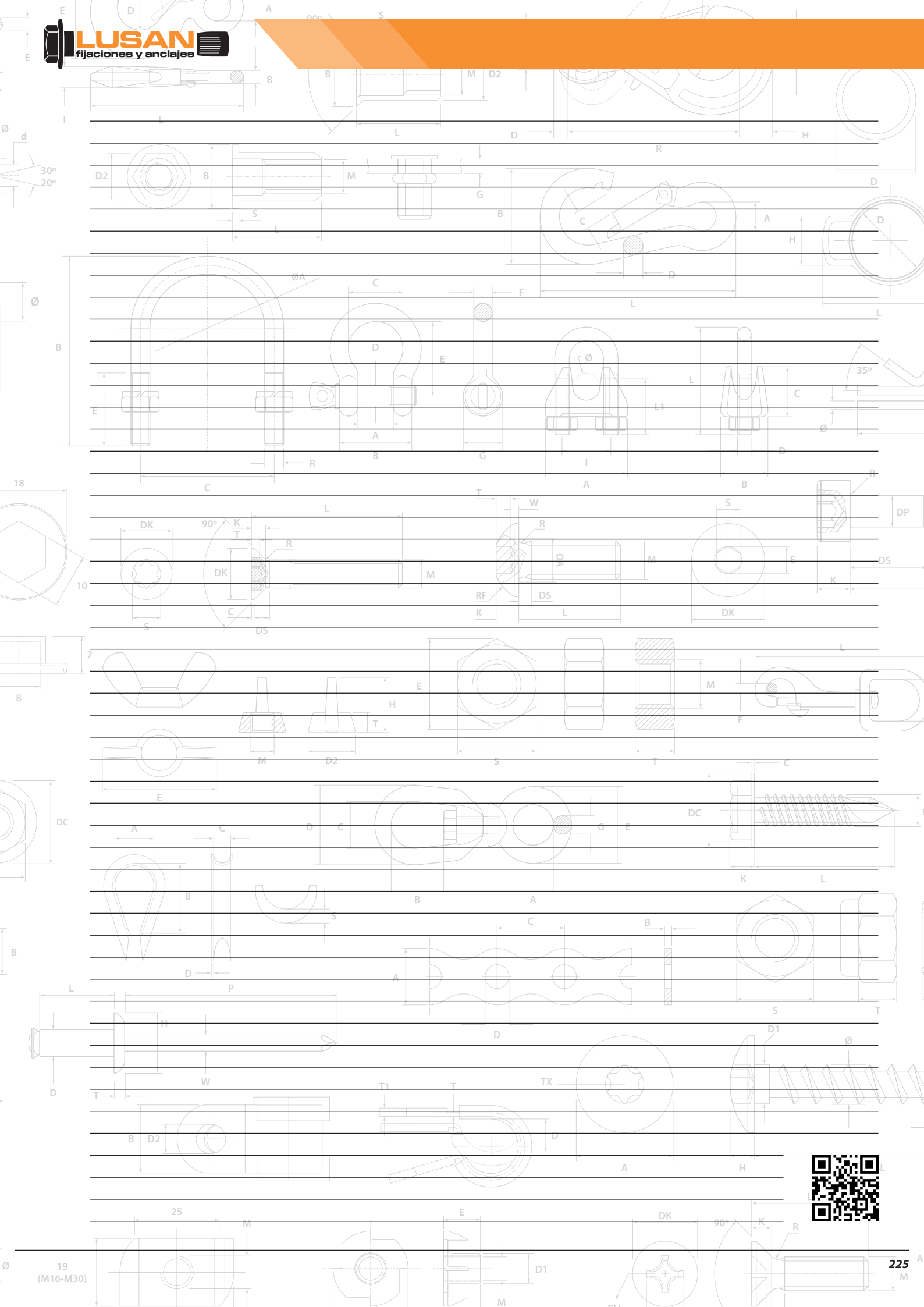
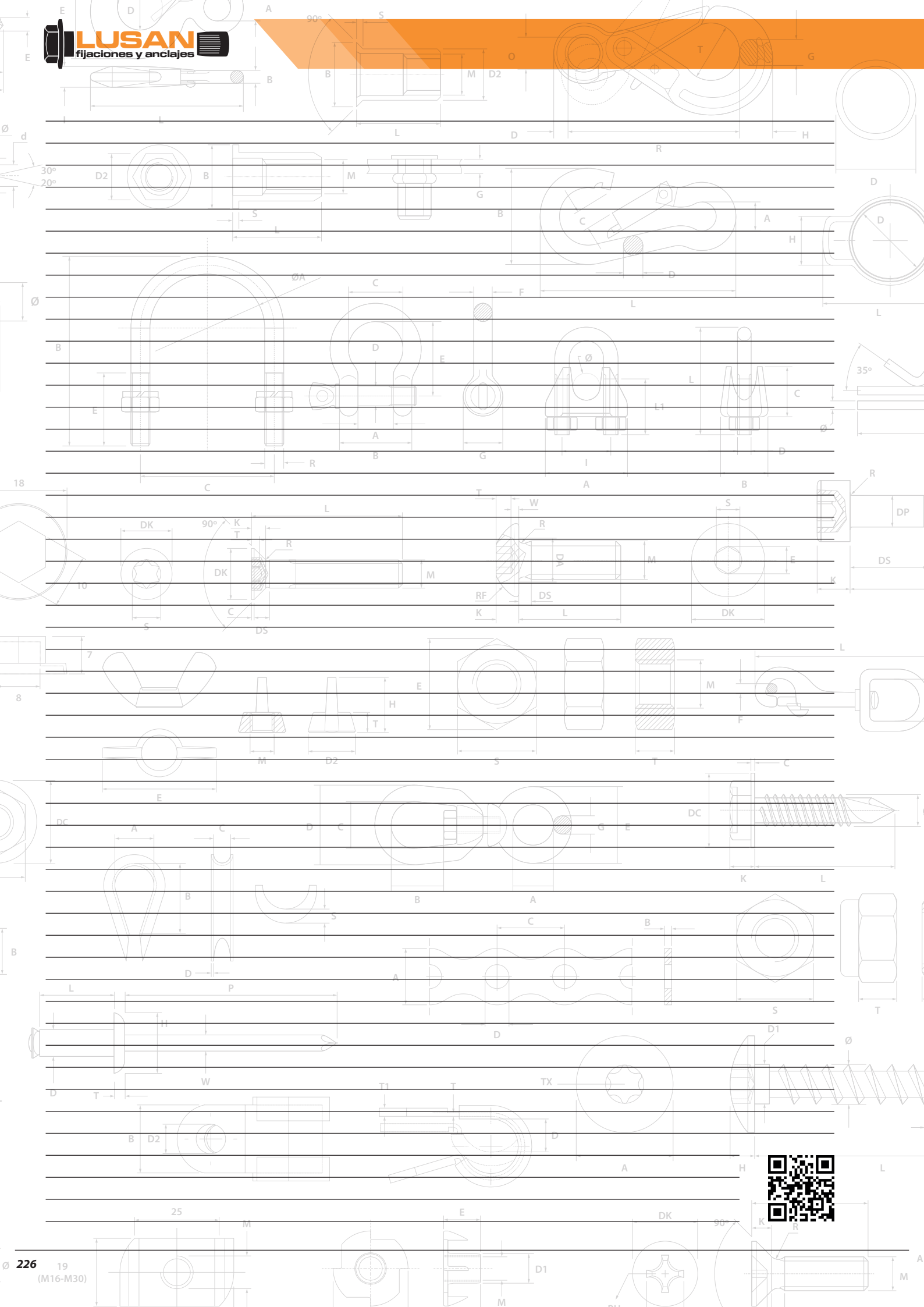
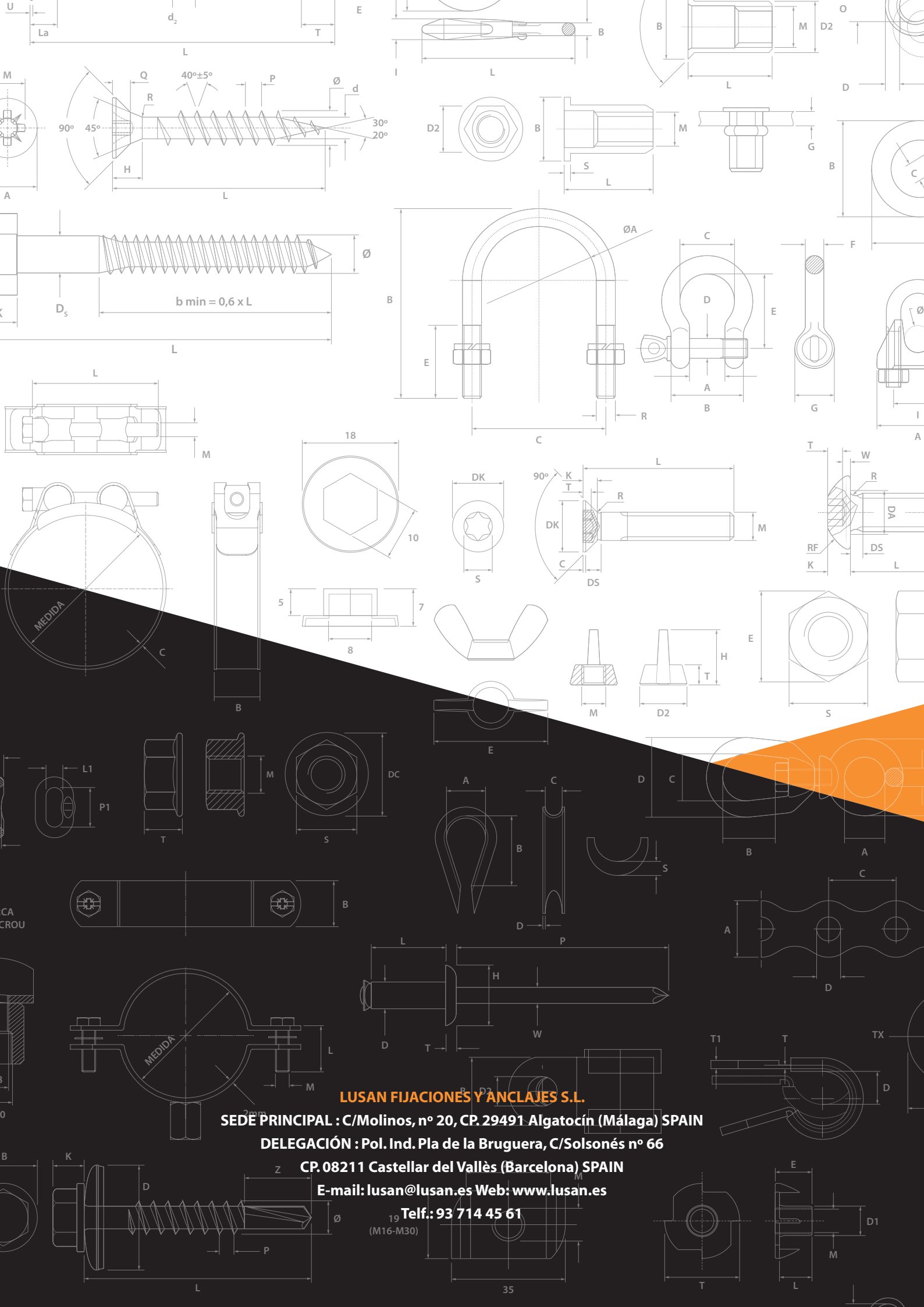
DELEGACIÓN : Pol. Ind. Pla de la Bruguera, C/Solsonés nº 66
CP. 08211 Castellar del Vallès (Barcelona) SPAIN
E-mail: lusan@lusan.es Web: www.lusan.es
Telf.: 93 714 45 61







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