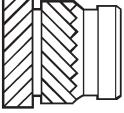
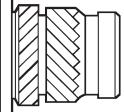
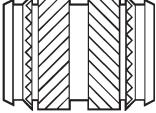
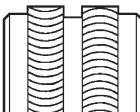
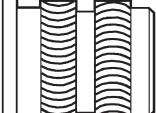
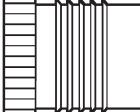
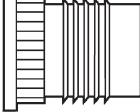


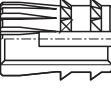
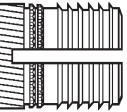
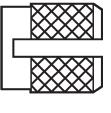
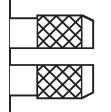
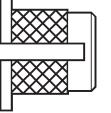
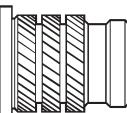
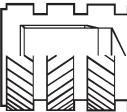
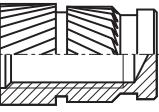
FISSAGGI PER MATERIE PLASTICHE

FASTENERS FOR PLASTIC
GEWINDEEINSÄTZE FÜR KUNSTSTOFFE
FIXATIONS POUR MATIÈRES PLASTIQUES
FIJACIONES PARA PLASTICO

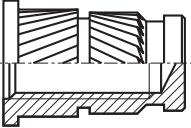
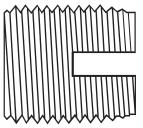
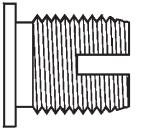
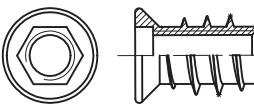
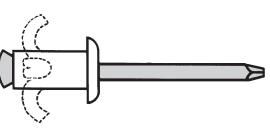
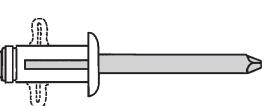
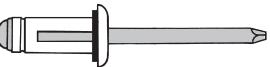
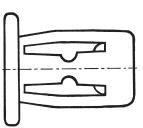
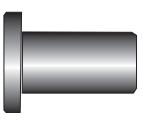


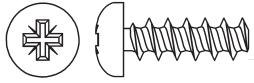
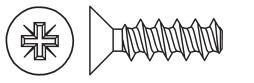
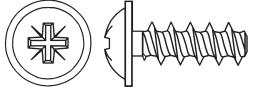
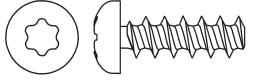
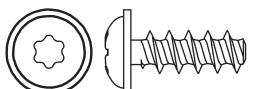
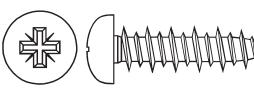
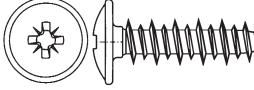
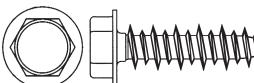
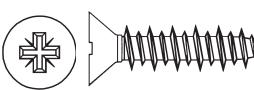
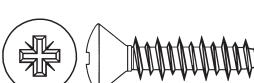
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GUIDA ALLA SCELTA DELL'INSERTO

INSERT SELECTION GUIDE

PRODUKTWAHL ANLEITUNG

GUIDE POUR LE CHOIX DE L'INSERT

GUIA PARA ESCOGER EL INSERTO

| Caratteristiche del materiale Material Characteristics Werkstoff Eigenschaften Caractéristiques du matériel Características del material | FXSLB | FXTCB | FXHLB | FXFLB | FXPLKB | FXBLB | FXFTCB | FXSPB | FXSCTB | FXCPB | BF - BZ |
|--|--|--|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|----------------|
| Teroplastici duri Hard Thermoplastics Thermoplaste hart Thermoplastiques durs Termoplásticos duros PA - PPS - PBT - PC/ABS | OK | OK | +/- | NO | NO | +/- | OK | NO | +/- | +/- | +/- |
| Teroplastici medi Medium Thermoplastics Thermoplaste mittel - hart Thermoplastiques moyens Termoplásticos medios ABS - PA - POM - PVC | OK | OK | +/- | OK | OK | +/- | OK | NO | OK | OK | OK |
| Teroplastici teneri Soft Thermoplastics Thermoplaste soft Thermoplastiques tendres Termoplásticos blandos PP - PE - HDPE | OK | OK | NO | OK | OK | NO | OK | NO | OK | OK | OK |
| Teroplastici amorfi Amorphous Thermoplastics Thermoplaste formlos Thermoplastiques amorphes Termoplásticos amorfos PPO - PC | OK caldo OK heat No ultrasuoni No ultrasonics | OK caldo OK heat No ultrasuoni No ultrasonics | OK | NO | NO | NO | OK | NO | NO | OK | NO |
| Termoindurenti Thermosetting Duroplaste Thermodurcissables Termoendurentes | NO | NO | NO | NO | NO | OK | OK | OK | +/- | +/- | +/- |
| Poliesteri termoindurenti Thermosetting polyester Polyester Duroplaste Polyesters Thermodurcissables Políster y termoendurentes SMC - DMC - BMC | NO | NO | NO | NO | NO | NO | OK | +/- | +/- | NO | +/- |
| Schiume termoplastiche Thermoplastic foams Thermoplastische Schäume Mousse Thermoplastiques Espumas termoplásticas | +/- | +/- | +/- | NO | NO | NO | OK | NO | +/- | NO | OK |
| Schiume termoindurenti Thermosetting foams Duroplastische Schäume Mousse Thermodurcissables Espumas termoendurentes | NO | NO | NO | NO | NO | NO | OK | NO | +/- | NO | OK |

INFORMAZIONI TECNICHE

TECHNICAL INFORMATION

TECHNISCHE INFORMATIONEN

DONNÉES TECHNIQUES

INFORMACION TECNICA

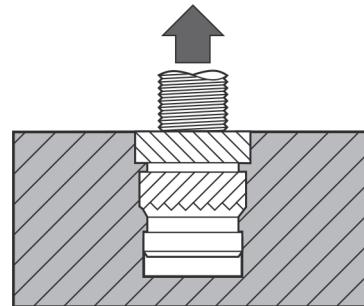
TRAZIONE

PULL-OUT

ZUGFESTIGKEIT

TRACTION

TRACCIÓN



| INFORMAZIONI TECNICHE TECHNICAL INFORMATION TECHNISCHE INFORMATIONEN DONNÉES TECHNIQUES INFORMACION TECNICA | FXSLB | FXTCB | FXHLB | FXFLB | FXPLKB | FXBLB | FXFTCB | FXSPB | FXSCTB | FXCPB | BF - BZ |
|---|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|---------|
| Trazione Pull-out Zugfestigkeit Traction Tracción | OK | OK | OK | +/- | +/- | +/- | OK | +/- | OK | +/- | OK |

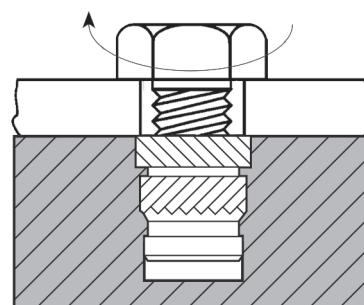
COPPIA DIRETTA

DIRECT TORQUE

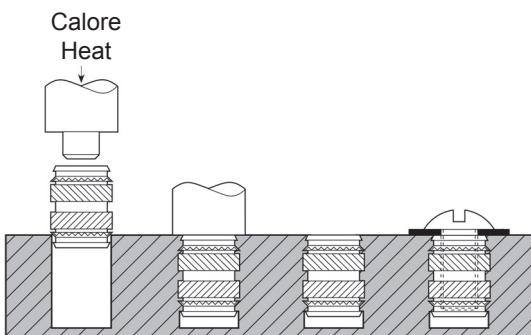
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COUPLE DIRECT

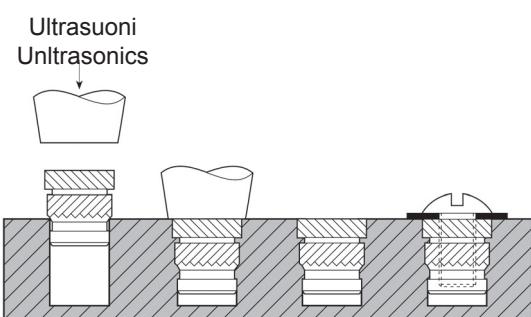
PAR DE GIRO DIRECTO



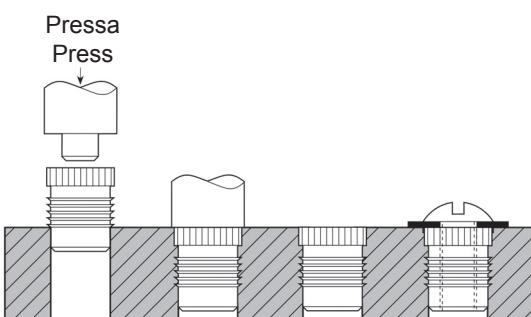
| INFORMAZIONI TECNICHE TECHNICAL INFORMATION TECHNISCHE INFORMATIONEN DONNÉES TECHNIQUES INFORMACION TECNICA | FXSLB | FXTCB | FXHLB | FXFLB | FXPLKB | FXBLB | FXFTCB | FXSPB | FXSCTB | FXCPB | BF - BZ |
|---|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|---------|
| Coppia diretta Direct torque Direktes Drehmoment Couple direct Par de giro directo | OK | OK | OK | +/- | +/- | +/- | OK | OK | NO | +/- | NO |

METODI DI INSTALLAZIONE*INSTALLATION METHODS**INSTALLATIONSMETHODEN**MÉTHODES D'INSTALLATION**METODO DE INSTALACION***INSERIMENTO A CALDO***HEAT INSTALLATION**WÄRME EINBETTEN**INSERTION PAR PROCÉDÉ THERMIQUE**INSTALACION CON CALOR*

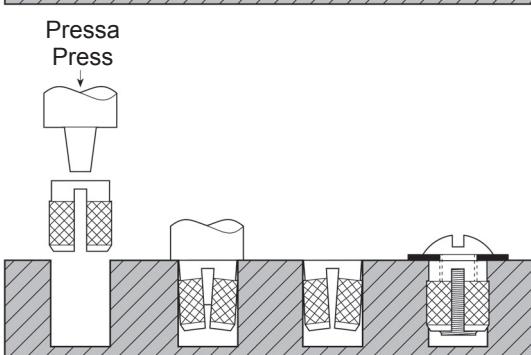
FXSLB FXTCB FXHLB

**INSERIMENTO AD ULTRASUONI***ULTRASONICS INSTALLATION**EINBETTEN MIT ULTRASCHALL**INSERTION PAR PROCÉDÉ ULTRASONS**INSTALACION CON ULTRASONIDOS*

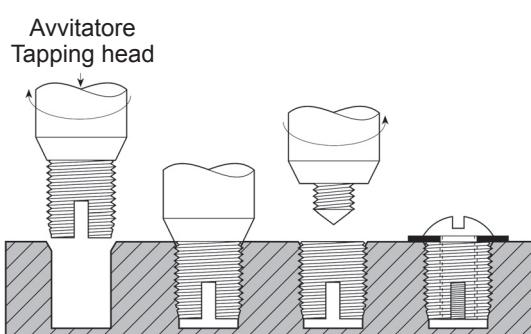
FXSLB

**INSERIMENTO A PRESSIONE***PRESS-IN INSTALLATION**EINPRESS-EINSATZ**INSERTION À PRESSION**INSTALACION POR PRESION*

FXFLB FXSPB



FXCPB FXPLKB FXBLB



FXSCTB BF - BZ

INSERIMENTO PER AVVITATURA*TAPPING INSTALLATION**EINSCHRAUB-EINSATZ**INSERTION PAR VISSEMENT**INSTALACION CON TORNILLO*

INSERTI FILETTATI IN OTTONE TIPO FXSLB

INSEGNAMENTO A CALDO O ULTRASUONI

FXSLB e FXHSLB sono inserti in ottone, da utilizzare su materiali termoplastici.

Le godronature invertite ne garantiscono un'ottima tenuta alla trazione ed alla rotazione. Possono anche essere inseriti in costampaggio.

BRASS THREADED INSERTS FXSLB TYPE HEAT OR ULTRASONICS INSTALLATION

FXSLB and FXHSLB are brass inserts designed for thermoplastic materials.

The opposing helical knurls provide excellent resistance to torsion and pull out. They can be moulded in.

MESSING EINSÄTZE TYP FXSLB WÄRME-UND ULTRASCHALL EINBETTEN

FXSLB und FXHSLB sind Messing Einsätze für Thermoplastische Werkstoffe.

Die Schräkverzahnte Rändelung sichert eine sehr gute Zug - und Verdrehfestigkeit zu. Kann auch in gegossene Bauteile eingesetzt werden.

INSERTS FILETÉS EN LAITON TYPE FXSLB INSERTION PAR PROCÉDÉ THERMIQUE OU ULTRASONS

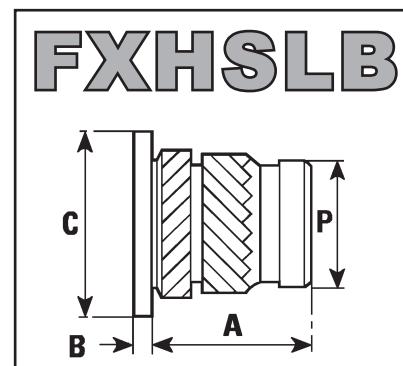
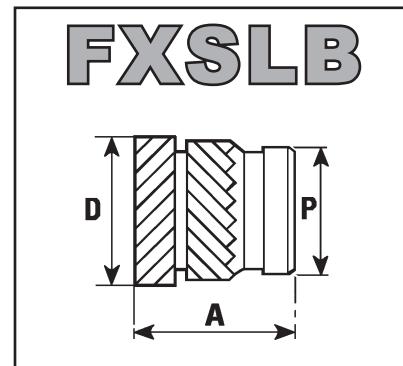
FXSLB et FXHSLB sont des inserts en laiton, à utiliser pour matériaux thermoplastiques.

Les cannelures inversées garantissent une excellente tenue à l'arrachement et à la rotation. Ils peuvent aussi être insérés par moulage.

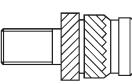
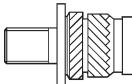
INSERTOS LATÓN ROSCADOS TIPO FXSLB INSTALACION CON CALOR O ULTRASONIDOS

FXSLB y FXHSLB son insertos de latón para utilizar en materiales termoplásticos. Sus bandas helicoidales invertidas proporcionan una buena combinación de alto par de giro con resistencia a la tracción. Pueden ser utilizados en el interior del molde.

| CODICE code FXSLB | CODICE code FXHSLB | Filetto interno Internal Thread | A* | B | C | D | P | Ø foro hole - 0,00 + 0,10 | Spess. minimo parete Min. wall thickness |
|-------------------------|--------------------------|--|------|------|------|------|------|------------------------------------|---|
| 83FXSLBM02 | 83FXHSLBM02 | M 2 | 4,0 | 0,53 | 4,8 | 3,6 | 3,1 | 3,2 | 1,3 |
| 83FXSLBM025 | 83FXHSLBM025 | M 2,5 | 5,7 | 0,61 | 5,5 | 4,6 | 3,9 | 4,0 | 1,6 |
| 83FXSLBM034 | 83FXHSLBM034 | M 3 | 4 | 0,61 | 5,5 | 4,6 | 3,9 | 4,0 | 1,6 |
| 83FXSLBM0348 | 83FXHSLBM0348 | M 3 | 4,8 | 0,61 | 5,5 | 4,6 | 3,9 | 4,0 | 1,6 |
| 83FXSLBM03 | 83FXHSLBM03 | M 3 | 5,7 | 0,61 | 5,5 | 4,6 | 3,9 | 4,0 | 1,6 |
| 83FXSLBM0448 | 83FXHSLBM0448 | M 4 | 4,8 | 0,91 | 7,1 | 6,3 | 5,5 | 5,6 | 2,1 |
| 83FXSLBM0458 | 83FXHSLBM0458 | M 4 | 5,8 | 0,91 | 7,1 | 6,3 | 5,5 | 5,6 | 2,1 |
| 83FXSLBM0472 | 83FXHSLBM0472 | M 4 | 7,2 | 0,91 | 7,1 | 6,3 | 5,5 | 5,6 | 2,1 |
| 83FXSLBM04 | 83FXHSLBM04 | M 4 | 8,1 | 0,91 | 7,1 | 6,3 | 5,5 | 5,6 | 2,1 |
| 83FXSLBM0558 | 83FXHSLBM0558 | M 5 | 5,8 | 1,09 | 7,9 | 7,1 | 6,3 | 6,4 | 2,6 |
| 83FXSLBM582 | 83FXHSLBM582 | M 5 | 8,2 | 1,09 | 7,9 | 7,1 | 6,3 | 6,4 | 2,6 |
| 83FXSLBM05 | 83FXHSLBM05 | M 5 | 9,5 | 1,09 | 7,9 | 7,1 | 6,3 | 6,4 | 2,6 |
| 83FXSLBM0668 | 83FXHSLBM0668 | M 6 | 6,8 | 1,35 | 9,5 | 8,7 | 7,9 | 8,0 | 3,3 |
| 83FXSLBM0695 | 83FXHSLBM0695 | M 6 | 9,5 | 1,35 | 9,5 | 8,7 | 7,9 | 8,0 | 3,3 |
| 83FXSLBM06 | 83FXHSLBM06 | M 6 | 12,7 | 1,35 | 9,5 | 8,7 | 7,9 | 8,0 | 3,3 |
| 83FXSLBM08 | 83FXHSLBM08 | M 8 | 12,7 | 1,35 | 11,1 | 10,2 | 9,5 | 9,6 | 4,5 |
| 83FXSLBM10 | 83FXHSLBM10 | M 10 | 12,7 | 1,60 | 14,0 | 12,6 | 11,8 | 11,9 | 6,0 |
| 83FXSLBM12 | 83FXHSLBM12 | M 12 | 15,9 | 2,00 | 19,0 | 16,7 | 15,8 | 16,0 | 8,0 |



- * DISPONIBILI ALTEZZE DIFFERENTI
- * AVAILABLE IN DIFFERENT LENGTHS
- * VERFÜGBAR IN VERSCHIEDENEN LÄNGEN
- * PLUSIEURS HAUTEURS DISPONIBLES
- * DISPONIBLES OTRAS ALTURAS

VERSIONE PRIGIONIERO A RICHIESTA
STUD VERSION ON REQUEST
GEWINDESTIFT AUSFÜHRUNG AUF
ANFRAGE
GOUJON DISPONIBLE SUR DEMANDE
VERSION PRISIONERA BAJO PEDIDO

INSERTI FILETTATI IN OTTONE TIPO FXTCB

INSERIMENTO A CALDO

FXTCB è un inserto filettato in ottone con le stesse caratteristiche di tenuta del FXSLB.

La forma simmetrica permette l'utilizzo durante lo stampaggio della plastica ed è consigliato anche per l'inserimento in automatico.

BRASS THREADED INSERTS FXTCB TYPE HEAT INSTALLATION

FXTCB is a brass insert with the same setting performances as FXSLB.

The symmetrical design assists automatic or manual feeding by eliminating the need for orientation during installation.

MESSING EINSÄTZE TYP FXTCB WÄRME EINBETTEN

FXTCB sind Messing Einsätze mit den selben Eigenschaften wie FXSLB.

Die symmetrische Form erlaubt die Anwendung während dem Kunststoff Gussverfahren.

Wird auch empfohlen für automatisierten Einsatz.

INSERTS FILETÉS EN LAITON TYPE FXTCB

INSERTION PAR PROCÉDÉ THERMIQUE

FXTCB est un insert fileté en laiton avec les mêmes données de tenue du FXSLB.

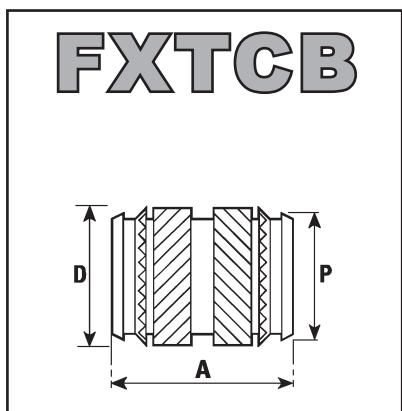
Sa forme symétrique permet son utilisation au cours du moulage du plastique; il est indiqué aussi pour l'insertion automatisée.

INSERTOS LATON ROSCADOS TIPO FXTCB

INSTALACION CON CALOR

FXTCB es un inserto de latón roscado, con las mismas características de resistencia que el FXSLB.

Su forma simétrica permite su utilización durante el moldeo del plástico, y puede utilizarse tanto para instalación manual como automatizada.



| CODICE code FXTCB | Filetto interno Internal Thread | A | D | P | Ø foro hole - 0,00 + 0,10 | Spess. minimo parete Min. wall thickness |
|-------------------------|---------------------------------------|------|------|------|------------------------------------|---|
| 83FXTCBM02 | M 2 | 4,0 | 3,6 | 3,1 | 3,2 | 1,3 |
| 83FXTCBM025 | M 2,5 | 5,7 | 4,4 | 3,9 | 4,0 | 1,6 |
| 83FXTCBM03 | M 3 | 5,7 | 4,4 | 3,9 | 4,0 | 1,6 |
| 83FXTCBM04 | M 4 | 8,1 | 6,1 | 5,5 | 5,6 | 2,1 |
| 83FXTCBM05 | M 5 | 9,5 | 6,8 | 6,3 | 6,4 | 2,6 |
| 83FXTCBM06 | M 6 | 12,7 | 8,5 | 7,9 | 8,0 | 3,3 |
| 83FXTCBM08 | M 8 | 12,7 | 10,0 | 9,5 | 9,6 | 4,5 |
| 83FXTCBM10 | M 10 | 12,7 | 12,3 | 11,8 | 11,9 | 6,0 |
| 83FXTCBM12 | M 12 | 15,9 | 16,3 | 15,8 | 16,0 | 8,0 |

INSERTI FILETTATI IN OTTONE TIPO FXHLB

INSERIMENTO A CALDO

FXHLB e FXHHLB sono inserti in ottone, per l'installazione su materiali termoplastici amorfì, sensibili all'intaglio. Caratterizzati da zigrinature arrotondate e non taglienti. Possono anche essere inseriti in costampaggio.

BRASS THREADED INSERTS FXHLB TYPE HEAT INSTALLATION

FXHLB and FXHHLB are brass inserts used in notch sensitive amorphous thermoplastics. Featuring rounded knurl bands which avoid plastic cutting. They can be moulded in.

MESSING EINSÄTZE TYP FXHLB WÄRME EINBETTEN

FXHLB und FXHHLB sind Messing Einsätze für die Anwendung auf formlosen, schneide empfindlichen, Thermoplaste Werkstoffen. Besonderheit ist die abgerundete nicht scharfkantige Rändelung. Kann auch in gegossene Formteile eingesetzt werden.

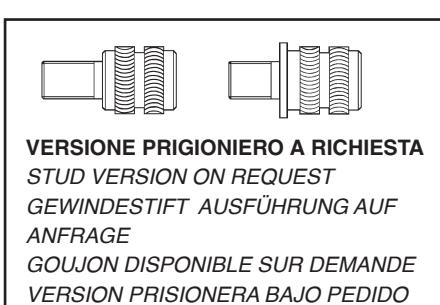
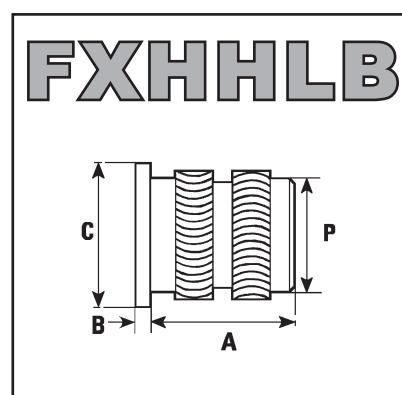
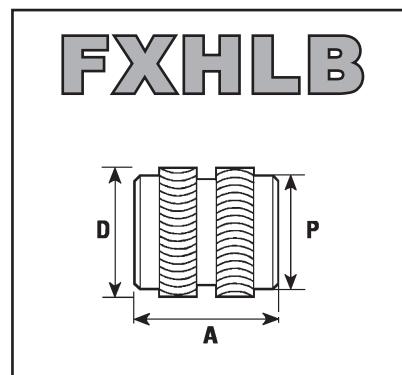
INSERTS FILETÉS EN LAITON TYPE FXHLB INSERTION PAR PROCÉDÉ THERMIQUE

FXHLB et FXHHLB sont des inserts pour l'installation dans matériaux thermoplastiques amorphes, sensibles aux coupures. Ils ont des cannelures arrondies, pour ne pas couper. Ils peuvent aussi être insérés par moulage.

INSERTOS LATÓN ROSCADOS TIPO FXHLB INSTALACION CON CALOR

FXHLB y FXHHLB son insertos de latón, para la instalación en materiales termoplásticos amorfos que pueden tener riesgo de agrietado, por lo que su formas están redondeadas para evitar provocar grietas. También pueden ser utilizados en el interior del molde de inyección.

| CODICE code FXHLB | CODICE code FXHHLB | Filetto interno Internal Thread | A | B | C | D | P | Ø foro hole - 0,00 + 0,10 | Spess. minimo parete Min. wall thickness |
|-------------------------|--------------------------|---------------------------------------|------|------|------|------|-----|------------------------------------|---|
| 83FXHLBM02 | 83FXHHLBM02 | M 2 | 3,9 | 0,51 | 4,8 | 3,5 | 3,1 | 3,2 | 1,4 |
| 83FXHLBM025 | 83FXHHLBM025 | M 2,5 | 5,8 | 0,58 | 5,5 | 4,4 | 3,9 | 4,0 | 1,8 |
| 83FXHLBM03 | 83FXHHLBM03 | M 3 | 5,8 | 0,58 | 5,5 | 4,4 | 3,9 | 4,0 | 1,8 |
| 83FXHLBM04 | 83FXHHLBM04 | M 4 | 8,1 | 0,89 | 7,1 | 6,1 | 5,5 | 5,6 | 2,4 |
| 83FXHLBM05 | 83FXHHLBM05 | M 5 | 9,5 | 1,07 | 7,9 | 6,9 | 6,3 | 6,4 | 2,8 |
| 83FXHLBM06 | 83FXHHLBM06 | M 6 | 12,7 | 1,32 | 9,5 | 8,5 | 7,9 | 8,0 | 3,6 |
| 83FXHLBM08 | 83FXHHLBM08 | M 8 | 12,7 | 1,32 | 11,1 | 10,0 | 9,5 | 9,6 | 5 |



INSERTI FILETTATI IN OTTONE TIPO FXFLB INSERIMENTO A PRESSIONE

FXFLB - FXHFLB sono inserti in ottone, da installare a pressione su materiali termoplastici teneri e medi.

BRASS THREADED INSERTS FXFLB TYPE PRESS-IN INSTALLATION

FXFLB - FXHFLB are press-in brass inserts which can be installed into soft and medium thermoplastic materials

MESSING EINSÄTZE TYP FXFLB EINPRESS-EINSATZ

FXFLB-FXHFLB sind Messing Einpress-Einsätze für weiche und mittlere Thermoplaste Materialien.

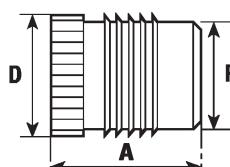
INSERTS FILETÉS EN LAITON TYPE FXFLB INSERTION À PRESSION

FXFLB - FXHFLB sont des inserts en laiton à insérer à pression dans matériaux thermoplastiques tendres et moyens.

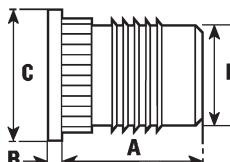
INSERTOS LATON ROSCADOS TIPO FXFLB INSTALACION A PRESION

FXFLB y FXHFLB son insertos de latón, para instalar a presión sobre materiales termoplásticos blandos o medios.

FXFLB



FXHFLB



| CODICE code FXFLB | CODICE code FXHFLB | Filetto interno Internal Thread | A | B | C | D | P | Ø foro hole - 0,00 + 0,10 | Spess. minimo parete Min. wall thickness |
|-------------------------|--------------------------|--|------|------|------|------|-----|------------------------------------|---|
| 83FXFLBM02 | 83FXHFLBM02 | M 2 | 4,0 | 0,45 | 4,8 | 3,7 | 3,1 | 3,2 | 1,6 |
| 83FXFLBM025 | 83FXHFLBM025 | M 2,5 | 4,8 | 0,58 | 5,5 | 4,5 | 3,9 | 4,0 | 2,0 |
| 83FXFLBM03 | 83FXHFLBM03 | M 3 | 4,8 | 0,58 | 5,5 | 4,5 | 3,9 | 4,0 | 2,0 |
| 83FXFLBM04 | 83FXHFLBM04 | M 4 | 7,9 | 0,89 | 7,1 | 6,1 | 5,5 | 5,6 | 2,8 |
| 83FXFLBM05 | 83FXHFLBM05 | M 5 | 9,5 | 1,07 | 7,9 | 7,0 | 6,3 | 6,4 | 3,2 |
| 83FXFLBM06 | 83FXHFLBM06 | M 6 | 12,7 | 1,32 | 9,5 | 8,6 | 7,9 | 8,0 | 4,0 |
| 83FXFLBM08 | 83FXHFLBM08 | M 8 | 12,7 | 1,32 | 11,1 | 10,2 | 9,5 | 9,6 | 4,8 |



VERSIONE PRIGIONIERO A RICHIESTA

STUD VERSION ON REQUEST

GEWINDESTIFT AUSFÜHRUNG AUF
ANFRAGE

GOUJON DISPONIBLE SUR DEMANDE
VERSION PRISIONERA BAJO PEDIDO

INSERTI FILETTATI AD ESPANSIONE IN OTTONE TIPO FXCPB

INSERIMENTO A PRESSIONE

FXCPB sono inserti ad espansione in ottone, da installare a pressione su tutti i materiali termoplastici.
 Dopo l'inserimento hanno un leggero effetto autofrenante sulla vite.
 Ottima resistenza a coppia e trazione.

EXPANSION BRASS INSERTS FXCPB TYPE PRESS-IN INSTALLATION

FXCPB are press-in expansion brass inserts suitable for installation in all thermoplastic materials.
 Slight self-locking effect on the screw after installation.
 Provides excellent torque-to-turn and pull-out performance.

MESSING EXPANSION EINSÄTZE TYP FXCPB EINPRESS-EINSATZ

FXCPB sind Messing Expansion Einsätze für Einpress-Einsatz. Geeignet für alle Thermoplaste
 Nach dem Einsatz entsteht eine leichte selbstsichernde Schrauben Wirkung.
 Sehr hoher Zug – und Verdreh Widerstand.

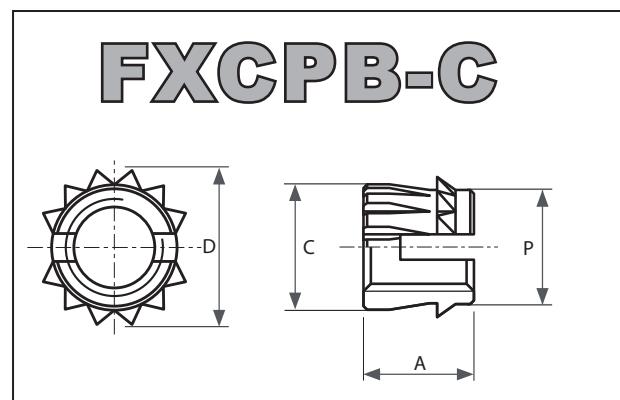
INSERTS FILETÉS À EXPANSION EN LAITON TYPE FXCPB INSERTION À PRESSION

FXCPB sont des inserts à expansion en laiton, à installer à pression dans tous matériaux thermoplastiques.
 Après la pose ils ont un léger effet auto-freiné sur la vis.
 Excellente tenue au couple et à l'arrachement.

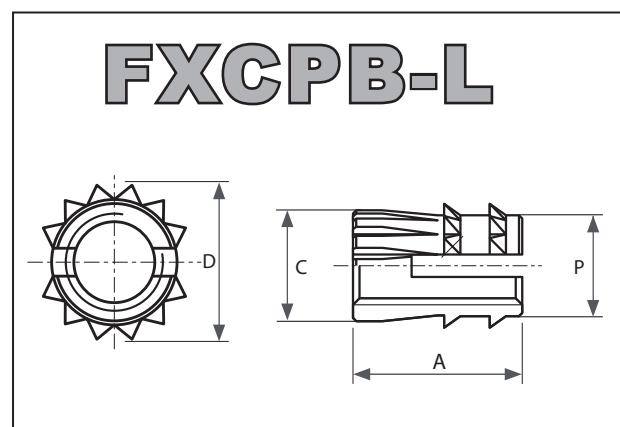
INSERTOS EXPANSION DE LATON TIPO FXCPB INTALACION POR PRESION

FXCPB son insertos expansión de latón por presión aptos para todo tipo de materiales termoplásticos.
 Después de la instalación tienen un efecto de autobloqueo del tornillo.
 Proporcionan una excelente resistencia tanto al par de giro como a tracción.

| CODICE <i>code</i> FXCPB-C | Filetto interno <i>Internal Thread</i> | A | C | D | P | Ø foro / hole |
|---|---|-----|-----|-----|-----|---------------|
| 83FXCPBM0235C | M2 | 3,5 | 3,5 | 3,9 | 3,1 | 3,1 - 3,2 |
| 83FXCPBM0254C | M2,5 | 4 | 4 | 4,4 | 3,5 | 3,6 - 3,7 |
| 83FXCPBM035C | M3 | 5 | 5 | 5,6 | 4,5 | 4,6 - 4,7 |
| 83FXCPBM045C | M4 | 5 | 6 | 6,6 | 5,4 | 5,5 - 5,6 |
| 83FXCPBM056C | M5 | 6 | 7 | 7,6 | 6,5 | 6,6 - 6,7 |
| 83FXCPBM067C | M6 | 7 | 8 | 8,6 | 7,5 | 7,6 - 7,7 |



| CODICE <i>code</i> FXCPB-L | Filetto interno <i>Internal Thread</i> | A | C | D | P | Ø foro / hole |
|---|---|-----|----|------|-----|---------------|
| 83FXCPBM038L | M3 | 8 | 5 | 5,6 | 4,5 | 4,6 - 4,7 |
| 83FXCPBM0395L | M3 | 9,5 | 5 | 5,6 | 4,5 | 4,6 - 4,7 |
| 83FXCPBM048L | M4 | 8 | 6 | 6,6 | 5,4 | 5,5 - 5,6 |
| 83FXCPBM0495L | M4 | 9,5 | 6 | 6,6 | 5,4 | 5,5 - 5,6 |
| 83FXCPBM059L | M5 | 9 | 7 | 7,6 | 6,5 | 6,6 - 6,7 |
| 83FXCPBM069L | M6 | 9 | 8 | 8,6 | 7,5 | 7,6 - 7,7 |
| 83FXCPBM0810L | M8 | 10 | 10 | 10,6 | 9,4 | 9,5 - 9,6 |



Disponibili a richiesta le versioni senza intagli.

Unslotted version available on demand.

Auf Anfrage auch ohne Schlitz.

Versions sans fentes coupantes disponibles sur demande.

Bajo pedido disponibles sin ranuras.

INSERTI FILETTATI IN OTTONE TIPO FXPLKB

INSEMENTO A PRESSIONE

FXPLKB è un inserto in ottone, per l'installazione rapida su materiali termoplastici teneri e medi.

Dopo l'inserimento ha un leggero effetto autofrenante sulla vite.

BRASS THREADED INSERTS FXPLKB TYPE PRESS-IN INSTALLATION

FXPLKB is a press-in expansion brass insert, used in soft and medium thermoplastics.

Slightly self-locking after installation.

MESSING EINSÄTZE TYP FXPLKB EINPRESS-EINSATZ

FXPLKB ist ein Messing Einsatz für schnelles Einbetten auf soft und mittel-harten Thermoplaste.

Nach dem Einsatz entsteht eine leichte Schrauben Sicherungswirkung

INSERTS FILETÉS EN LAITON TYPE FXPLKB INSERTION À PRESSION

FXPLKB est un insert pour insertion rapide dans matériaux thermoplastiques tendres et moyens.

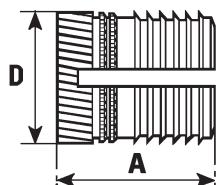
Après insertion il a un effet auto-freiné.

INSERTOS LATON ROSCADOS TIPO FXPLKB INSTALACION A PRESION

FXPLKB es un inserto en latón, para instalación rápida en materiales termoplásticos blandos o medios.

Una vez instalados tienen un ligero efecto autoblocante.

FXPLKB



| CODICE code FXPLKB | Filetto interno Internal Thread | A | D | Ø foro hole - 0,00 + 0,10 | Spess. minimo parete Min. wall thickness |
|--------------------------|---------------------------------------|-------|------|------------------------------------|---|
| 83FXPLKBM02 | M 2 | 4,0 | 3,7 | 3,2 | 1,6 |
| 83FXPLKBM025 | M 2,5 | 5,8* | 4,5 | 4,0 | 2,0 |
| 83FXPLKBM03 | M 3 | 5,8* | 4,5 | 4,0 | 2,0 |
| 83FXPLKBM04 | M 4 | 8,2* | 6,2 | 5,6 | 2,8 |
| 83FXPLKBM05 | M 5 | 9,5* | 6,9 | 6,4 | 3,2 |
| 83FXPLKBM06 | M 6 | 12,7* | 8,5 | 8,0 | 4,0 |
| 83FXPLKBM08 | M 8 | 12,7 | 10,1 | 9,6 | 4,8 |

* DISPONIBILI ALTEZZE DIFFERENTI

* AVAILABLE IN DIFFERENT LENGTHS

* VERFÜGBAR IN VERSCHIEDENEN LÄNGEN

* PLUSIEURS HAUTEURS DISPONIBLES

* DISPONIBLES OTRAS ALTURAS

INSERTI FILETTATI IN OTTONE TIPO FXBLB

INSERIMENTO A PRESSIONE

FXBLB - FXHBLB - FXHBLRB sono inserti in ottone ad inserimento a pressione con tenuta ad espansione. Ideali per termoindurenti.

Dopo l'inserimento hanno un leggero effetto autofrenante sulla vite.

BRASS THREADED INSERTS FXBLB TYPE PRESS-IN INSTALLATION

FXBLB - FXHBLB - FXHBLRB are press-in expansion brass inserts used in hard thermosetting plastics.

Slightly self-locking after installation.

MESSING EINSÄTZE TYP FXBLB EINPRESS-EINSATZ

FXBLB-FXHBLB-FXHBLRB sind Messing Einsätze zum Einpressen mit Expansions

Festigkeit. Ideal für Duroplaste. Nach dem Einsatz entsteht eine leichte Schrauben Sicherungswirkung

INSERTS FILETÉS EN LAITON TYPE FXBLB

INSERTION À PRESSION

FXBLB - FXHBLB - FXHBLRB sont des inserts en laiton avec insertion par expansion. Indiqués pour thermodurcissables.

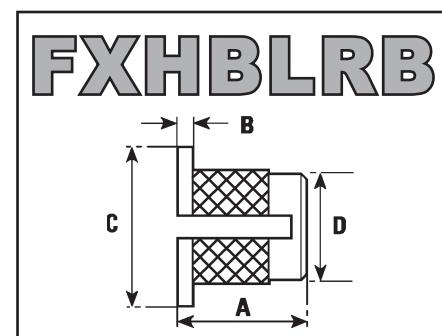
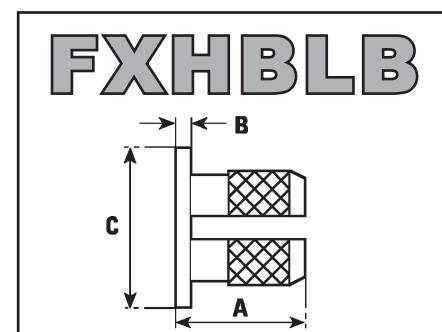
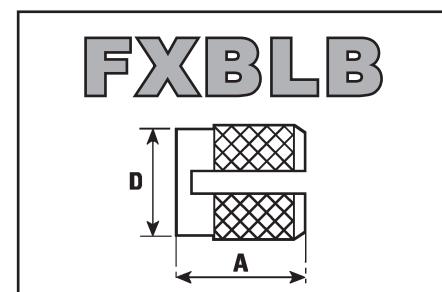
Après insertion ils ont un effet auto-freiné.

INSERTOS LATON ROSCADOS TIPO FXBLB

INSTALACION A PRESION

FXBLB-FXHBLB-FXHBLRB son insertos de latón para instalación a presión con alojamiento por expansión lo que los hace adecuados para plásticos termoendurecientes. Después de la instalación tienen un ligero efecto de retención sobre el tornillo.

| CODICE code FXBLB | CODICE code FXHBLB | CODICE code FXHBLRB | Filetto interno Internal Thread | A | B | C | D | Ø foro hole - 0,00 + 0,10 | Spess. minimo parete Min. wall thickness |
|-------------------------|--------------------------|---------------------------|---------------------------------------|------|------|------|-----|------------------------------------|---|
| 83FXBLBM02 | 83FXHBLBM02 | 83FXHBLRB02 | M 2 | 3,9 | 0,43 | 4,8 | 3,2 | 3,2 | 2,4 |
| 83FXBLBM025 | 83FXHBLBM025 | 83FXHBLRB025 | M 2,5 | 4,7 | 0,51 | 5,5 | 4,0 | 4,0 | 3,2 |
| 83FXBLBM03 | 83FXHBLBM03 | 83FXHBLRB03 | M 3 | 4,7 | 0,51 | 5,5 | 4,0 | 4,0 | 3,2 |
| 83FXBLBM04 | 83FXHBLBM04 | 83FXHBLRB04 | M 4 | 7,9 | 0,82 | 7,1 | 5,5 | 5,6 | 4,0 |
| 83FXBLBM05 | 83FXHBLBM05 | 83FXHBLRB05 | M 5 | 9,4 | 0,99 | 7,9 | 6,3 | 6,4 | 4,8 |
| 83FXBLBM06 | 83FXHBLBM06 | 83FXHBLRB06 | M 6 | 12,6 | 1,25 | 9,5 | 7,9 | 8,0 | 6,0 |
| 83FXBLBM08 | 83FXHBLBM08 | 83FXHBLRB08 | M 8 | 12,6 | 1,25 | 11,1 | 9,5 | 9,6 | 7,0 |



INSERTI FILETTATI IN OTTONE TIPO FXSPB

INSEGNAMENTO A PRESSIONE

FXSPB - FXHSPB sono inserti in ottone, studiati per l'utilizzo nei termoindurenti. Le zigrinature permettono una grande resistenza alla torsione.

BRASS THREADED INSERTS FXSPB TYPE INSTALLATION BY ACTION PRESS

FXSPB - FXHSPB are press-in brass inserts ideal for use in thermosetting materials.
High torque-out resistance.

MESSING EINSÄTZE TYP FXSPB EINPRESSE/INBETTUNG

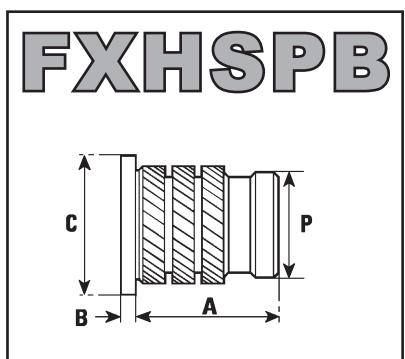
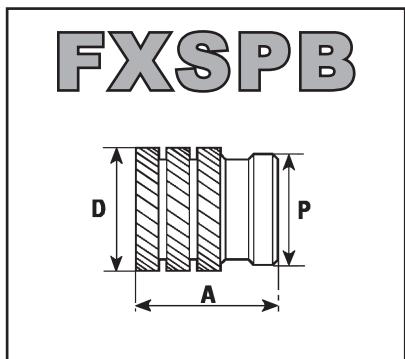
FXSPB-FXHSPB sind Messing Einsätze, entwickelt für Duroplaste.
Die Rändelung bzw Verzahnung sichert einen hohen Verdreh Widerstand zu.

NSERTS FILETÉS EN LAITON TYPE FXSPB INSERTION À PRESSION

FXSPB - FXHSPB sont des inserts indiqués pour l'utilisation avec matériaux thermodurcissables.
Les cannelures garantissent une grande résistance au couple.

INSERTOS LATON ROSCADOS TIPO FXSPB INSTALACION A PRESION

FXSPB-FXHSPB son insertos de latón, diseñados para su utilización en plásticos termoendurecientes,
con una gran resistencia al par de giro.



| CODICE code FXSPB | CODICE code FXHSPB | Filetto interno Internal Thread | A | B | C | D | P | Ø foro hole - 0,00 + 0,10 | Spess. minimo parete Min. wall thickness |
|-------------------------|--------------------------|--|-----|------|------|------|------|------------------------------------|---|
| 83FXSPBM02 | 83FXHSPBM02 | M 2 | 4,1 | 0,51 | 4,8 | 3,3 | 3 | 3,1 | 1,6 |
| 83FXSPBM025 | 83FXHSPBM025 | M 2,5 | 5,3 | 0,58 | 5,5 | 4,2 | 3,7 | 3,8 | 2,0 |
| 83FXSPBM03 | 83FXHSPBM03 | M 3 | 5,3 | 0,58 | 5,5 | 4,2 | 3,7 | 3,8 | 2,0 |
| 83FXSPBM04 | 83FXHSPBM04 | M 4 | 7,4 | 0,89 | 7,1 | 5,8 | 5,3 | 5,4 | 2,5 |
| 83FXSPBM05 | 83FXHSPBM05 | M 5 | 8,3 | 1,07 | 7,9 | 6,6 | 6,1 | 6,2 | 2,5 |
| 83FXSPBM06 | 83FXHSPBM06 | M 6 | 9,2 | 1,32 | 9,5 | 8,2 | 7,7 | 7,8 | 2,8 |
| 83FXSPBM08 | 83FXHSPBM08 | M 8 | 9,2 | 1,32 | 11,1 | 9,7 | 9,3 | 9,3 | 3,8 |
| 83FXSPBM10 | 83FXHSPBM10 | M10 | 9,2 | 1,32 | 14,0 | 12,7 | 12,2 | 12,3 | 5,0 |



INSERTI FILETTATI IN OTTONE CIECHI

INSERIMENTO COSTAMPAGGIO

FXFTCB - FXSLBCH - FXHSLBCH sono inserti in ottone cieco, studiati per il costampaggio.

BLIND ENDED BRASS THEREADED INSERTS

MOULD-IN INSTALLATION

FXFTCB - FXSLBCH - FXHSLBCH are blind ended brass threaded inserts designed for mould-in applications.

EINSÄTZE AUS MESSING GESCHLOSSEN

FÜR GEGOSSENE BAUTEILE

FXFTCB - FXSLBCH - FXHSLBCH sind Messing Einsätze, geschlossene Ausführung, gesondert für gegossene Bauteile entwickelt

INSERTS FILETÉS EN LAITON BORGNE

INSERTION PAR MOULAGE

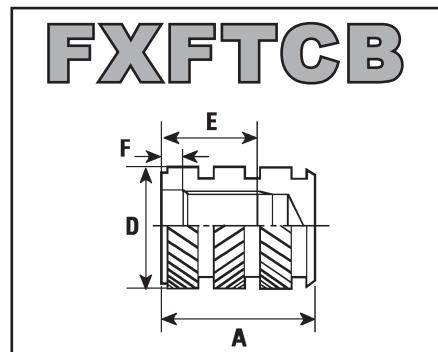
FXFTCB - FXSLBCH - FXHSLBCH sont des inserts borgnes, indiqués pour le moulage.

INSERTOS LATÓN ROSCADOS CIEGOS

INSTALACION EN INTERIOR DE MOLDE

FXFTCB - FXSLBCH - FXHSLBCH son insertos de latón, diseñados para su instalación en el interior del molde.

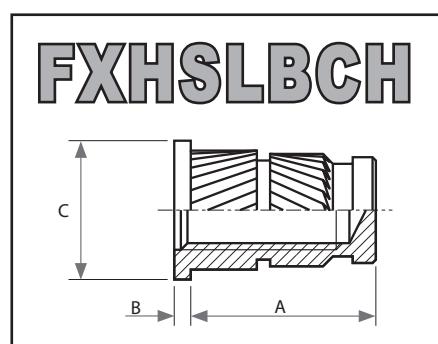
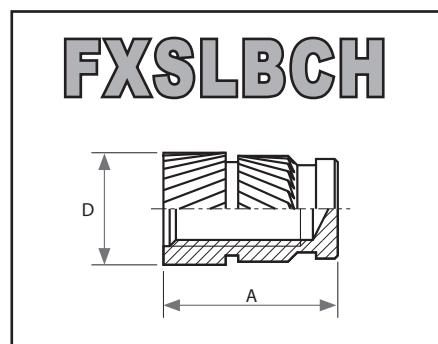
| CODICE code FXFTCB | Filetto interno Internal Thread | A* | D | E min. | F |
|--------------------------|--|------|------|-----------|-----|
| 83FXFTCBM02 | ■ M 2 | 5,5 | 3,4 | 3,6 | 1,0 |
| 83FXFTCBM025 | ■ M 2,5 | 6,4 | 4,3 | 4,0 | 1,2 |
| 83FXFTCBM03 | M 3 | 7,3 | 4,7 | 4,6 | 1,3 |
| 83FXFTCBM04 | M 4 | 10,2 | 6,3 | 6,7 | 1,8 |
| 83FXFTCBM05 | M 5 | 11,2 | 7,3 | 7,4 | 2,0 |
| 83FXFTCBM06 | M 6 | 14,4 | 9,8 | 8,1 | 2,0 |
| 83FXFTCBM08 | M 8 | 16,5 | 11,4 | 11,1 | 2,3 |
| 83FXFTCBM10 | M10 | 17,9 | 13,8 | 11,9 | 2,4 |



■ DISPONIBILE SOLO SU RICHIESTA
■ AVAILABLE ONLY UPON REQUEST
■ AUF ANFRANGE LIEFERBAR
■ SUR DEMANDE
■ DISPONIBLE SÓLO BAJO PEDIDO

* DISPONIBILI ALTEZZE DIFFERENTI
* AVAILABLE IN DIFFERENT LENGTHS
* VERFÜGBAR IN VERSCHIEDENEN LÄNGEN
* PLUSIEURS HAUTEURS DISPONIBLES
* DISPONIBLES OTRAS ALTURAS

| CODICE code FXSLBCH | CODICE code FXHSLBCH | Filetto interno Internal Thread | A* | D | C | B |
|---------------------------|----------------------------|--|------|------|------|-----|
| 83FXSLBM03CH | 83FXHSLBM03CH | M 3 | 8,8 | 4,6 | 5,6 | 0,6 |
| 83FXSLBM04CH | 83FXHSLBM04CH | M 4 | 12,2 | 6,3 | 7,2 | 0,8 |
| 83FXSLBM05CH | 83FXHSLBM05CH | M 5 | 15,0 | 7,0 | 8,0 | 1,0 |
| 83FXSLBM06CH | 83FXHSLBM06CH | M 6 | 15,0 | 8,6 | 9,5 | 1,3 |
| 83FXSLBM08CH | 83FXHSLBM08CH | M 8 | 15,0 | 10,2 | 11,0 | 1,3 |



* DISPONIBILI ALTEZZE DIFFERENTI
* AVAILABLE IN DIFFERENT LENGTHS
* VERFÜGBAR IN VERSCHIEDENEN LÄNGEN
* PLUSIEURS HAUTEURS DISPONIBLES
* DISPONIBLES OTRAS ALTURAS

BUSSOLE AUTOFILETTANTI TIPO FXSCTB

INSERIMENTO CON UTENSILE MANUALE O UTENSILE A MACCHINA

Le bussole autofilettanti FXSCTB e FXHSCTB vengono avvitate sia su termoplastici sia su termoindurenti. E' ottima la loro tenuta al taglio ed alla trazione. Disponibili in ottone, in acciaio temprato ed in inox.

SELF-TAPPING THREADED INSERTS FXSCTB TYPE INSTALLATION WITH HAND TOOL OR TAPPING MACHINE

FXSCTB and FXHSCTB are self-tapping threaded inserts suitable for thermoplastic and thermosetting materials. High pull-out resistance. Available in brass, hardened steel or stainless steel.

SELBSTSCHNEIDENDE BUCHSEN TYP FXSCTB

EINSATZ DURCH MANUELLES WERKZEUG ODER DURCH GEWINDEBOHRMASCHINE

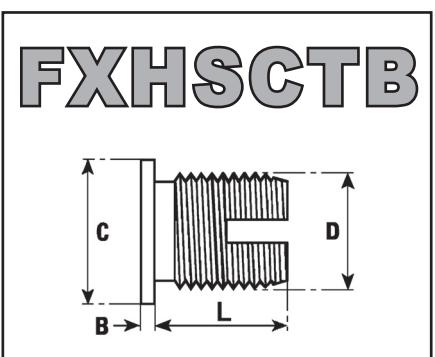
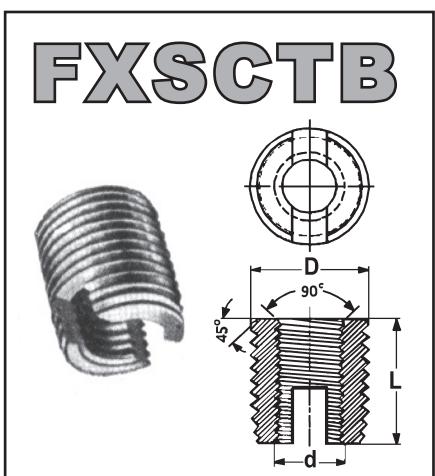
Die selbstschneidende Buchsen FXSCTB und FXHSCTB werden verschraubt in Duroplaste wie auch in Thermoplaste. Sehr hohe Zug - und Scherfestigkeit. Verfügbar in Messing, Stahl Einsatzgehärtet und Edelstahl.

DOUILLES AUTOTARADEUSES TYPE FXSCTB MONTAGE MANUEL OU À LA MACHINE

Les douilles autotaraudeuses FXSCTB et FXHSCTB peuvent être vissées sur thermoplastiques et sur thermodurcissables. Excellente tenue à l'arrachement et au cisaillement. Disponibles en laiton, en acier trempé et en inox.

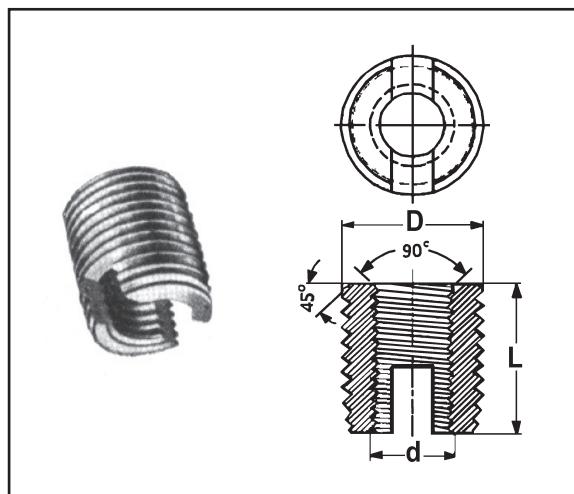
INSERTOS ROSCADOS AUTOTALADRANTES TIPO FXSCTB INSTALACION CON UTENSILIO MANUAL O MAQUINA AUTOMATICA

FXSCTB y FXHSCTB se pueden instalar en termoplásticos y termoendurecientes. Excelente resistencia a la tracción y cizalla. Disponibles en latón, acero templado y acero inoxidable.



VERSIONE PRIGIONIERO A RICHIESTA
STUD VERSION ON REQUEST
GEWINDESTIFT AUSFÜHRUNG AUF
ANFRAGE
GOUJON DISPONIBLE SUR DEMANDE
VERSION PRISIONERA BAJO PEDIDO

| d Filetto interno Internal Thread | D Filetto esterno External Thread | Diagram | L | C | B |
|---|---|-------------|----|----|-----------|
| M 2,5 x 0,45 | 4,5 x 0,5 | 4,0 - 4,3 | 8 | 6 | 6,0 0,58 |
| M 3 x 0,5 | 5,0 x 0,5 | 4,5 - 4,8 | 8 | 6 | 6,5 0,58 |
| M 4 x 0,7 | 6,5 x 0,75 | 5,8 - 6,2 | 10 | 8 | 8,0 0,89 |
| M 5 x 0,8 | 8,0 x 1,0 | 7,1 - 7,6 | 13 | 10 | 9,5 1,06 |
| M 6 x 1,0 | 9,0 x 1,0 | 8,1 - 8,6 | 15 | 12 | 12,5 1,32 |
| M 6 x 1,0 | 10,0 x 1,5 | 8,6 - 9,4 | 17 | 14 | 12,0 1,32 |
| M 8 x 1,25 | 12,0 x 1,5 | 10,6 - 11,4 | 18 | 15 | 14,0 1,32 |
| M 10 x 1,5 | 14,0 x 1,5 | 12,6 - 13,4 | 22 | 18 | 16,0 1,57 |
| M 12 x 1,75 | 16,0 x 1,5 | 14,6 - 15,4 | 26 | 22 | 18,0 1,57 |
| M 14 x 2,0 | 18,0 x 1,5 | 16,6 - 17,4 | 28 | 24 | - - |
| M 16 x 2,0 | 20,0 x 1,5 | 18,6 - 19,4 | 27 | 22 | - - |
| M 18 x 2,5 | 22,0 x 1,5 | 20,8 - 21,4 | 29 | 24 | - - |
| M 20 x 2,5 | 26,0 x 1,5 | 24,8 - 25,4 | 32 | 27 | - - |
| M 24 x 3,0 | 30,0 x 1,5 | 28,8 - 29,4 | 36 | 30 | - - |



| CODICE CODE | CODICE CODE | CODICE CODE | d Filetto interno Internal Thread | D Filetto esterno External Thread | L |
|--|--|--|---|---|----|
| OTTONE BRASS MESSING LAITON LATÓN | ACCIAIO STEEL STAHL ACIER ACERO | ACCIAIO INOX STAINLESS STEEL ROSTFREIER STAHL INOX INOX | | | |
| 83FXSCTBM025 | 83ACF212M025 | 83IXF212M025 | M 2,5 x 0,45 | 4,5 x 0,5 | 6 |
| 83FXSCTBM03 | 83ACF212M03 | 83IXF212M03 | M 3 x 0,5 | 5,0 x 0,5 | 6 |
| 83FXSCTBM04 | 83ACF212M04 | 83IXF212M04 | M 4 x 0,7 | 6,5 x 0,75 | 8 |
| 83FXSCTBM05 | 83ACF212M05 | 83IXF212M05 | M 5 x 0,8 | 8,0 x 1,0 | 10 |
| 83FXSCTBM06A | 83ACF212M06A | 83IXF212M06A | M 6 x 1,0 | 9,0 x 1,0 | 12 |
| 83FXSCTBM06 | 83ACF212M06 | 83IXF212M06 | M 6 x 1,0 | 10,0 x 1,5 | 14 |
| 83FXSCTBM08 | 83ACF212M08 | 83IXF212M08 | M 8 x 1,25 | 12,0 x 1,5 | 15 |
| 83FXSCTBM10 | 83ACF212M10 | 83IXF212M10 | M 10 x 1,5 | 14,0 x 1,5 | 18 |
| 83FXSCTBM12 | 83ACF212M12 | 83IXF212M12 | M 12 x 1,75 | 16,0 x 1,5 | 22 |
| 83FXSCTBM14 | 83ACF212M14 | 83IXF212M14 | M 14 x 2,0 | 18,0 x 1,5 | 24 |
| 83FXSCTBM16 | 83ACF212M16 | 83IXF212M16 | M 16 x 2,0 | 20,0 x 1,5 | 22 |
| 83FXSCTBM18 | 83ACF212M18 | 83IXF212M18 | M 18 x 2,5 | 22,0 x 1,5 | 24 |
| 83FXSCTBM20 | 83ACF212M20 | 83IXF212M20 | M 20 x 2,5 | 26,0 x 1,5 | 27 |
| 83FXSCTBM24 | 83ACF212M24 | 83IXF212M24 | M 24 x 3,0 | 30,0 x 1,5 | 30 |

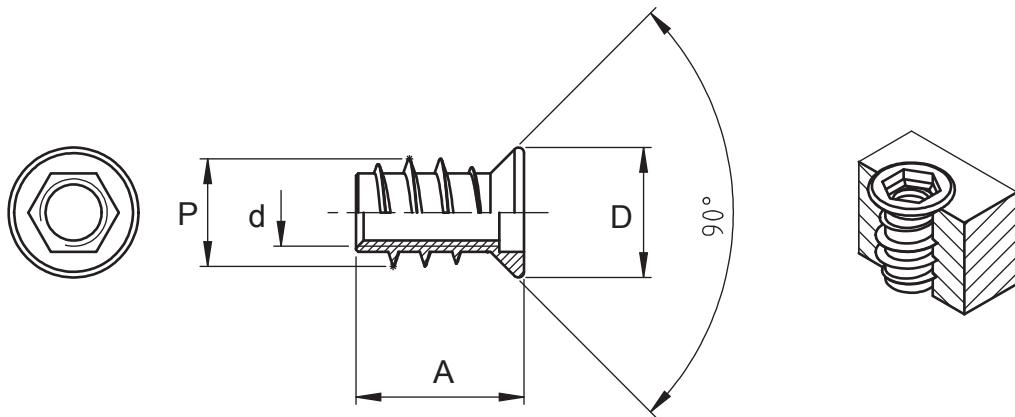
BUSSOLE AUTOFILETTANTI TIPO BF-BZ

SELF-TAPPING THREADED INSERTS BF-BZ TYPE

SELBSTSCHNEIDENDE BUCHSEN TYP BF-BZ

DOUILLES AUTOTARAUDÉUSES TYPE BF-BZ

INSERTOS ROSCADOS AUTOTALADRANTES TIPO BF-BZ



| d Filetto interno Internal Thread | D | | | | A | P | Ferro Steel | Zama Zamac |
|--|----------|-------------|--|----|----------|----------|------------------------|-----------------------|
| M 4 x 0,7 | 9 | 5,5 - 6,0 | | 13 | 10 | 8 | 86BFM410 | 86BZM410 |
| M 5 x 0,8 | 12 | 7,7 - 8,2 | | 16 | 13 | 10 | 86BFM513 | 86BZM513 |
| M 6 x 1,0 | | | | 15 | 12 | | 86BFM612 | 86BZM612 |
| M 6 x 1,0 | | | | 16 | 13 | | 86BFM613 | 86BZM613 |
| M 6 x 1,0 | | | | 17 | 14 | | 86BFM614 | 86BZM614 |
| M 6 x 1,0 | 12 | 7,7 - 8,2 | | 18 | 15 | 10 | 86BFM615 | 86BZM615 |
| M 6 x 1,0 | | | | 20 | 17 | | 86BFM617 | 86BZM617 |
| M 6 x 1,0 | | | | 23 | 20 | | 86BFM620 | 86BZM620 |
| M 6 x 1,0 | | | | 27 | 24 | | 86BFM624 | 86BZM624 |
| M 8 x 1,25 | | | | 16 | 13 | | 86BFM813 | 86BZM813 |
| M 8 x 1,25 | | | | 18 | 15 | | 86BFM815 | 86BZM815 |
| M 8 x 1,25 | | | | 20 | 17 | | 86BFM817 | 86BZM817 |
| M 8 x 1,25 | 14 | 9,7 - 10,2 | | 23 | 20 | 12,5 | 86BFM820 | 86BZM820 |
| M 8 x 1,25 | | | | 25 | 22 | | 86BFM822 | 86BZM822 |
| M 8 x 1,25 | | | | 27 | 24 | | 86BFM824 | 86BZM824 |
| M 8 x 1,25 | | | | 31 | 28 | | 86BFM828 | 86BZM828 |
| M 10 x 1,5 | | | | 20 | 16 | | 86BFM1016 | 86BZM1016 |
| M 10 x 1,5 | | | | 21 | 17 | | 86BFM1017 | 86BZM1017 |
| M 10 x 1,5 | 17 | 12,4 - 12,9 | | 22 | 18 | 15,3 | 86BFM1018 | 86BZM1018 |
| M 10 x 1,5 | | | | 24 | 20 | | 86BFM1020 | 86BZM1020 |
| M 10 x 1,5 | | | | 29 | 25 | | 86BFM1025 | 86BZM1025 |

RIVETTI PER MATERIE PLASTICHE ALLUMINIO / ACCIAIO ZINCATO T. TONDA

PEEL RIVETS ALUMINIUM / STEEL ZINC PLATED DOME HEAD

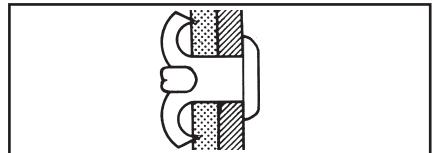
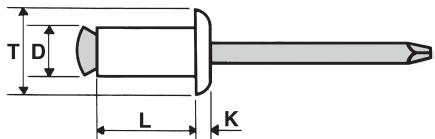
SPREIZBLINDNIETE ALUMINIUM / STAHL VZ FLACHKOPF

RIVETS ÉCLATÉS ALUMINIUM / ACIER ZINGUÉ TÊTE PLATE

REMACHES PARA MATERIAS PLASTICAS ALUMINIO / ACERO CINCADO CABEZA ALOMADA

| D +0,08/-0,15 | L +1/-0,2 | T max | K max | Ø foro/hole | | CODICE code |  |  |
|------------------|--------------|----------|----------|----------------|---------|----------------|---|---|
| 3,2 | 8 | | | | 0,5 - 1 | 01FA3208TT | 700 N | 765 N |
| | 10 | 6,7 | 1,3 | 3,7 | 1 - 3 | 01FA3210TT | | |
| | 12 | | | | 3 - 5 | 01FA3212TT | | |
| 4,0 | 10 | | | | 1,5 - 5 | 01FA4010TT | 1150 N | 1260 N |
| | 12 | | | | 4 - 6 | 01FA4012TT | | |
| | 14 | | | | 6 - 9 | 01FA4014TT | | |
| | 16 | 8,4 | 1,7 | 4,5 | 8 - 11 | 01FA4016TT | | |
| | 18 | | | | 10 - 13 | 01FA4018TT | | |
| | 20 | | | | 12 - 15 | 01FA4020TT | | |
| | 25 | | | | 15 - 20 | 01FA4025TT | | |
| | 30 | | | | 18 - 24 | 01FA4030TT | | |
| | | | | | | | | |
| 4,8 | 10 | | | | 0,5 - 4 | 01FA4810TT | 1800 N | 1600 N |
| | 12 | | | | 2 - 6 | 01FA4812TT | | |
| | 14 | | | | 4 - 8 | 01FA4814TT | | |
| | 16 | | | | 6 - 10 | 01FA4816TT | | |
| | 18 | | | | 8 - 12 | 01FA4818TT | | |
| | 20 | | | | 10 - 14 | 01FA4820TT | | |
| | 24 | 10,1 | 2,0 | 5,3 | 12 - 16 | 01FA4824TT | | |
| | 25 | | | | 15 - 19 | 01FA4825TT | | |
| | 30 | | | | 19 - 24 | 01FA4830TT | | |
| | 35 | | | | 24 - 29 | 01FA4835TT | | |
| | 40 | | | | 29 - 34 | 01FA4840TT | | |
| | 45 | | | | 33 - 38 | 01FA4845TT | | |
| | 50 | | | | 38 - 43 | 01FA4850TT | | |

FA - TT



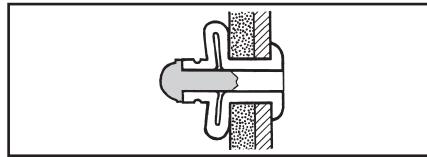
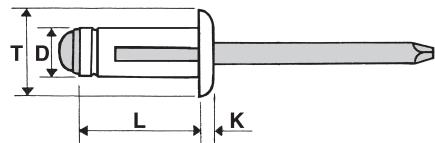
RIVETTI PER MATERIE PLASTICHE ALLUMINIO / ALLUMINIO TESTA TONDA

BLIND RIVETS FOR PLASTIC ALUMINIUM / ALUMINIUM DOME HEAD

LASCHENBLINDNIETE ALUMINIUM / ALUMINIUM FLACHKOPF

RIVETS POUR PLASTIQUE ALUMINIUM / ALUMINIUM TÊTE PLATE

REMACHES PARA MATERIAS PLASTICAS ALUMINIO / ALUMINIO CABEZA ALOMADA

AL-SOF - TT

| D +0,08/-0,15 | L +1/-0,2 | T max | K max | Ø foro/hole | | CODICE code | |
|------------------|--------------|----------|----------|----------------|--------|----------------|--------|
| 4,0 | 13,6 | 8,2 | 1,6 | 4,2 - 4,5 | 1 - 3 | 01ALSOF4014TT | 800 N |
| | 18,8 | | | | 3 - 7 | 01ALSOF4019TT | 500 N |
| 4,8 | 15,3 | | | | 1 - 3 | 01ALSOF4815TT | |
| | 20,5 | 10,1 | 2,1 | 5,0 - 5,3 | 3 - 9 | 01ALSOF4821TT | 1100 N |
| | 24,5 | | | | 5 - 12 | 01ALSOF4825TT | 900 N |

AL-SOF - TTO

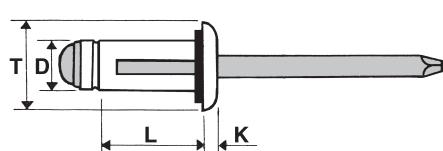
La rondella in neoprene garantisce la tenuta stagna

Good seal thanks to neoprene washer

Mit Neopren Unterkopf Dichtung

Bonne étanchéité grâce à l'anneau en néoprène

Buen sellado gracias a arandela de neopreno



| D +0,08/-0,15 | L +1/-0,5 | T max | K max | Ø foro/hole | | CODICE code | |
|------------------|--------------|----------|----------|----------------|-------------|----------------|--------|
| | | | | | 0,5 - 4,8 | 01ALSOF5218TTO | |
| | | | | | 4,8 - 9,5 | 01ALSOF5222TTO | |
| 5,2 | 25,4 | 11,7 | 2,2 | 5,3 | 7,9 - 12,7 | 01ALSOF5225TTO | 3200 N |
| | | | | | 11,1 - 15,9 | 01ALSOF5229TTO | 2000 N |
| | | | | | 14,3 - 19,1 | 01ALSOF5232TTO | |

INSERTI FILETTATI SPECIALI

SPECIAL THREADED INSERTS

SONDERANFERTIGUNGEN

INSERTS FILETÉS SPÉCIAUX

INSERTOS ROSCADOS ESPECIALES

ACCIAIO Z. B. CROMO III
STEEL ZINC PLATED Cr III
STAHL VERZINKT Cr III
ACIER ZINGUÉ Cr III
ACERO CINCADO Cr III

| CODICE CODE | | T GRIP | \emptyset foro/hole | D MAX | B | K | L | A |
|-------------------|-----|-------------------------|--------------------------|----------|------|------|--------------------------|--------------|
| 85ACSLOTTEDM04 | M4 | 0,5 - 3,8 3,8 - 6,8 | 6,13 - 6,25 | 6,12 | 11,1 | 0,96 | 17,6 20,8 | 8,6 |
| 85ACSLOTTEDM04L | | | | | | | | |
| 85ACSLOTTEDM05 | M5 | 0,5 - 4,4 4,4 - 8,1 | 7,48 - 7,62 | 7,47 | 12,7 | 0,96 | 22 24,8 | 9,9 |
| 85ACSLOTTEDM05L | | | | | | | | |
| 85ACSLOTTEDM06 | M6 | 0,5 - 7,1 7,1 - 12,7 | 8,80 - 8,93 | 8,79 | 15,9 | 1,5 | 27,3 32,8 25 31 | 12,8 |
| 85ACSLOTTEDM06L | | | | | | | | |
| 85ACSLOTTEDM06PB | | | | | | | | |
| 85ACSLOTTEDM06LPB | | | | | | | | |
| 85ACSLOTTEDM08 | M8 | 0,5 - 7,1 7,1 - 12,7 | 11,11-11,50 | 11,1 | 19 | 1,6 | 30,5 36,5 29 35 | 14,5 |
| 85ACSLOTTEDM08L | | | | | | | | |
| 85ACSLOTTEDM08PB | | | | | | | | |
| 85ACSLOTTEDM08LPB | | | | | | | | |
| 85ACSLOTTEDM10 | M10 | 0,5 - 7,1 7,1 - 12,7 | 13,07-13,26 | 13,6 | 22,2 | 2,2 | 33,2 38,7 31 | 15,8 19,7 |
| 85ACSLOTTEDM10L | | | | | | | | |
| 85ACSLOTTEDM10PB | | | | | | | | |

SLOTTED

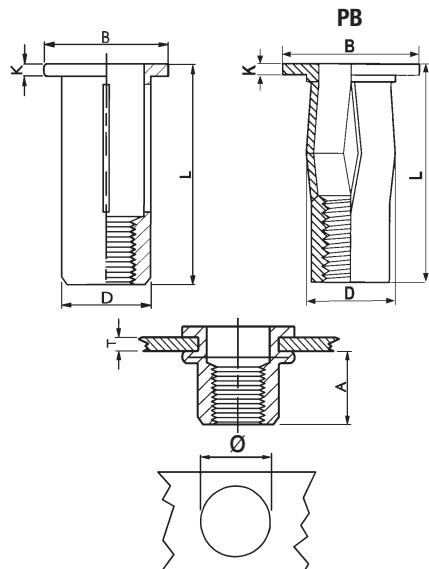
TESTA TONDA

FLAT HEAD

FLACHKOPF

TÊTE PLATE

CABEZA PLANA



| CODICE CODE | | GRIP | d1 | \emptyset foro/hole | d2 | K | L |
|----------------|----|--------------------------------------|------|--------------------------|------|-----|------|
| 86JFM04-C | M4 | 0,4 - 4,7 4,7 - 9,5 | 8,1 | 8,2 | 11,9 | 1,8 | 16,6 |
| 86JFM04-L | | | | | | | 21,4 |
| 86JFM05-C | M5 | 0,4 - 4,7 4,7 - 9,5 | 9,7 | 9,8 | 13,5 | 1,8 | 18,2 |
| 86JFM05-L | | | | | | | 22,6 |
| 86JFM06-C | M6 | 0,4 - 4,7 4,7 - 9,5 9,5 - 12,7 | 11,2 | 11,3 | 15,9 | 1,8 | 18,6 |
| 86JFM06-M | | | | | | | 23,4 |
| 86JFM06-L | | | | | | | 27,8 |

JACKFIX

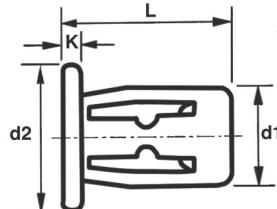
TESTA TONDA

FLAT HEAD

FLACHKOPF

TÊTE PLATE

CABEZA PLANA



INSERTI FILETTATI SPECIALI

SPECIAL THREADED INSERTS

SONDERANFERTIGUNGEN

INSERTS FILETÉS SPÉCIAUX

INSERTOS ROSCADOS ESPECIALES

RN

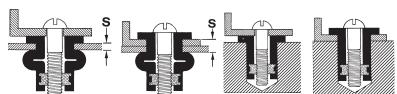
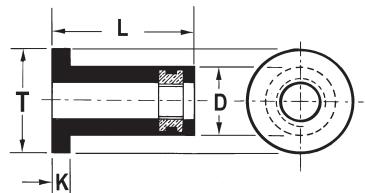
NEOPRENE / OTTONE

NEOPRENE / BRASS

NEOPREN / MESSING

NÉOPRENE / LAITON

NEOPRENO / LATON



| CODICE CODE | | S | D | T | K | L | |
|----------------|----|-------------|------|-------------|------|-----|-----------|
| 85RN314 | M3 | 0,4 - 4,0 | 7,9 | 8,0 - 8,3 | 11 | 1,4 | 12,6 0,36 |
| 85RN414 | M4 | 0,4 - 4,0 | 7,9 | 8,0 - 8,3 | 11 | 1,4 | 12,6 0,35 |
| 85RN515 | M5 | 0,4 - 4,9 | | | 12,7 | 0,9 | 14,1 0,54 |
| 85RN527 | | 7,9 - 16,0 | 9,6 | 9,7 - 9,9 | 14 | 1,3 | 26,1 0,35 |
| 85RN541 | | 20,5 - 30,0 | | | 14 | 1,3 | 39,8 1,14 |
| 85RN617 | M6 | 0,4 - 2,8 | | | 16 | 1,3 | 16 1,13 |
| 85RN626 | | 0,8 - 4,7 | 12,7 | 12,8 - 13,0 | 17,5 | 4,7 | 21,1 1,69 |
| 85RN628 | | 6,4 - 11,5 | | | 16,3 | 1,3 | 26,7 1,13 |
| 85RN822 | M8 | 0,4 - 4,0 | 15,9 | | 22,1 | 3,2 | 18,3 |
| 85RN834 | | 3,9 - 9,5 | 15,9 | 16,0 - 16,2 | 22,1 | 5,7 | 27,9 |
| 85RN852 | | 19,5 - 32,0 | 18,0 | 18,1 - 18,3 | 20 | 1,6 | 50 |

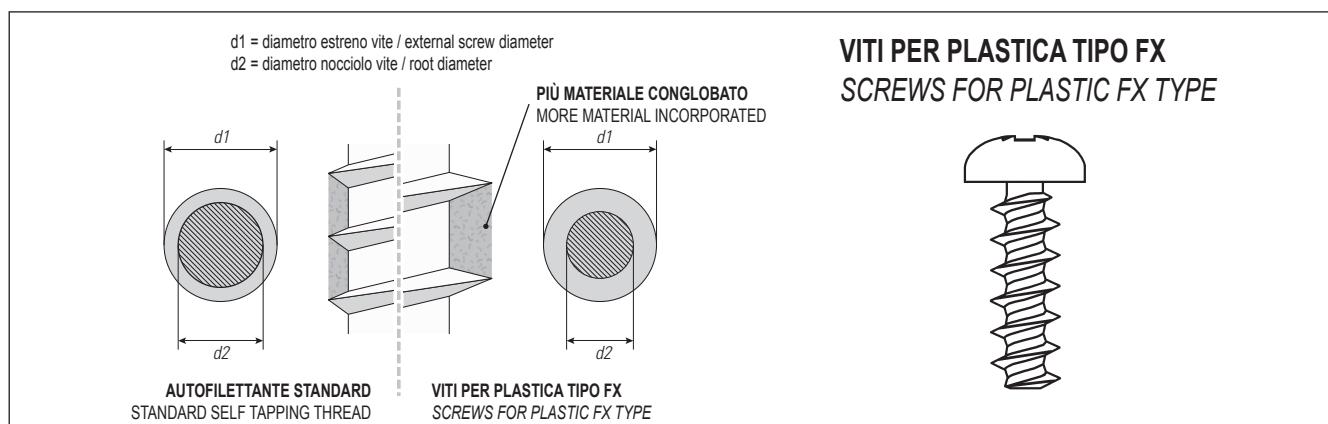
VITI PER PLASTICA - INFORMAZIONI TECNICHE

SCREWS FOR PLASTIC - TECHNICAL INFORMATION

SCHRAUBEN FÜR KUNSTSTOFF - TECHNISCHE INFORMATIONEN

VIS POUR PLASTIQUE - DONNÉES TECHNIQUES

TORNILLOS METALICOS PARA FIJAR EN PLASTICO - INFORMACION TECNICA



| Diametro vite nominale (d1) <i>Nominal screw diameter (d1)</i> | 2.2 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
|---|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|
| Foro (d1x0,7)-(d1x0,85) <i>Hole</i> | 1.54-1.87 | 1.75-2.12 | 2.10-2.55 | 2.45-2.97 | 2.80-3.4 | 3.15-3.82 | 3.50-4.25 | 3.85-4.67 | 4.20-5.1 | 4.90-5.95 |
| Coppia di rottura (Nm) <i>Breaking torque (Nm)</i> | 0.52 | 0.60 | 1.00 | 1.45 | 2.15 | 2.85 | 4.35 | 6.55 | 9.15 | 15.60 |
| Coppia di chiusura Max (Nm) <i>Max tightening torque (Nm)</i> | 0.30 | 0.40 | 0.70 | 1.00 | 1.40 | 1.90 | 2.90 | 4.30 | 6.00 | 10.30 |

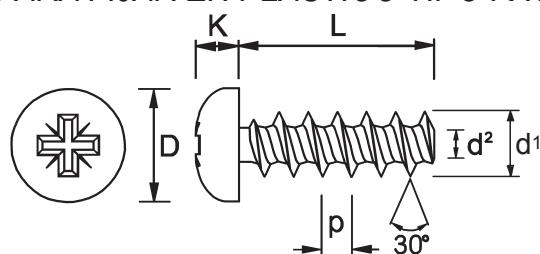
VITI PER PLASTICA TIPO FXTC+

SCREWS FOR PLASTIC FXTC+ TYPE

SCHRAUBEN FÜR KUNSTSTOFF TYP FXTC+

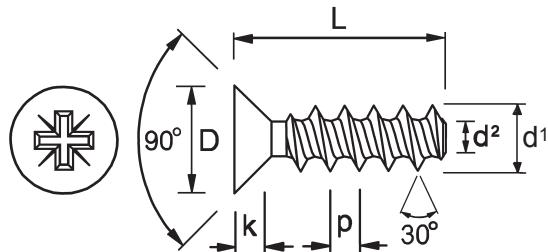
VIS POUR PLASTIQUE TYPE FXTC+

TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO FXTC+



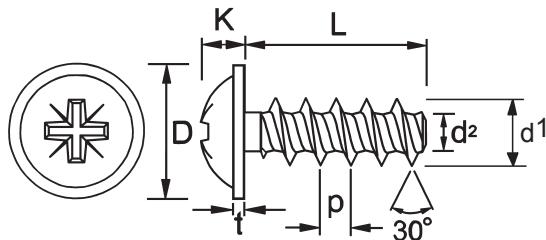
| Misura / Size d1 | 2.2 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|-----------|-------------|-------------|
| Lunghezza/Length | 5 - 10 | 5 - 12 | 6 - 20 | 8 - 25 | 8 - 30 | 8 - 30 | 12 - 35 | 12 - 40 | 12 - 45 | 12 - 50 |
| d2 | 1.25 | 1.40 | 1.66 | 1.91 | 2.17 | 2.53 | 2.68 | 3.47 | 3.19 | 4.77 |
| p | 0.98 | 1.12 | 1.34 | 1.57 | 1.79 | 2.04 | 2.24 | 2.44 | 2.69 | 3.04 |
| Foro / Hole | 1.54 - 1.87 | 1.75 - 2.12 | 2.10 - 2.55 | 2.45 - 2.97 | 2.80 - 3.40 | 3.15-3.82 | 3.50 - 4.25 | 3.85-4.67 | 4.20 - 5.10 | 4.90 - 5.95 |
| D | 3.9 | 4.4 | 5.3 | 6.1 | 7.0 | 7.3 | 8.8 | 9.3 | 10.5 | 12.3 |
| K | 1.5 | 1.7 | 2.0 | 2.5 | 2.7 | 2.8 | 3.4 | 3.5 | 4.0 | 4.5 |
| Impronta PZ/PH Recess PZ/PH No. | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |

VITI PER PLASTICA TIPO FXTS+
SCREWS FOR PLASTIC FXTS+ TYPE
SCHRAUBEN FÜR KUNSTSTOFF TYP FXTS+
VIS POUR PLASTIQUE TYPE FXTS+
TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO FXTS+



| Misura / Size d1 | 2.2 | 2.5 | 3.0 | 3.5 | 4.0 | 5.0 | 6.0 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Lunghezza/Length | 5 - 10 | 5 - 18 | 6 - 25 | 8 - 25 | 10 - 30 | 10 - 30 | 12 - 30 |
| d2 | 1.25 | 1.40 | 1.66 | 1.91 | 2.17 | 2.68 | 3.19 |
| p | 0.98 | 1.12 | 1.34 | 1.57 | 1.79 | 2.24 | 2.69 |
| Foro / Hole | 1.54 - 1.87 | 1.75 - 2.12 | 2.10 - 2.55 | 2.45 - 2.97 | 2.80 - 3.40 | 3.50 - 4.25 | 4.20 - 5.10 |
| D | 3.8 | 4.7 | 5.5 | 7.3 | 8.4 | 9.3 | 11.3 |
| K | 1.30 | 1.75 | 2.05 | 2.8 | 3.25 | 3.4 | 3.8 |
| Impronta PZ/PH Recess PZ/PH No. | 1 | 1 | 1 | 2 | 2 | 2 | 3 |

VITI PER PLASTICA TIPO FXTCF+
SCREWS FOR PLASTIC FXTCF+ TYPE
SCHRAUBEN FÜR KUNSTSTOFF TYP FXTCF+
VIS POUR PLASTIQUE TYPE FXTCF+
TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO FXTCF+



| Misura / Size d1 | 2.2 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|-----------|-------------|-------------|
| Lunghezza/Length | 5 - 10 | 5 - 12 | 6 - 20 | 8 - 25 | 8 - 30 | 8 - 30 | 12 - 30 | 12 - 40 | 12 - 40 | 12 - 50 |
| d2 | 1.25 | 1.40 | 1.66 | 1.91 | 2.17 | 2.53 | 2.68 | 3.47 | 3.19 | 4.77 |
| p | 0.98 | 1.12 | 1.34 | 1.57 | 1.79 | 2.04 | 2.24 | 2.44 | 2.69 | 3.04 |
| Foro / Hole | 1.54 - 1.87 | 1.75 - 2.12 | 2.10 - 2.55 | 2.45 - 2.97 | 2.80 - 3.40 | 3.15-3.82 | 3.50 - 4.25 | 3.85-4.67 | 4.20 - 5.10 | 4.90 - 5.95 |
| D | 4.4 | 5.0 | 6.0 | 7.0 | 8.0 | 9.3 | 10.0 | 11.3 | 12.0 | 14.8 |
| K | 1.6 | 1.8 | 2.1 | 2.4 | 2.5 | 2.7 | 3.2 | 3.4 | 4.0 | 4.4 |
| t | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.1 | 1.3 | 1.4 |
| Impronta PZ/PH Recess PZ/PH No. | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |

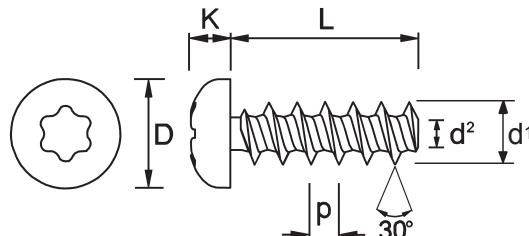
VITI PER PLASTICA TIPO FXTCTX

SCREWS FOR PLASTIC FXTCTX TYPE

SCHRAUBEN FÜR KUNSTSTOFF TYP FXTCTX

VIS POUR PLASTIQUE TYPE FXTCTX

TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO FXTCTX



| Misura / Size d1 | 1.8 | 2.2 | 2.5 | 3.0 | 3.5 | 4.0 | 5.0 | 6.0 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Lunghezza/Length | 5 - 12 | 5 - 10 | 5 - 12 | 6 - 20 | 8 - 25 | 8 - 30 | 12 - 35 | 12 - 45 |
| d2 | 1.04 | 1.25 | 1.40 | 1.66 | 1.91 | 2.17 | 2.68 | 3.19 |
| p | 0.80 | 0.98 | 1.12 | 1.34 | 1.57 | 1.79 | 2.24 | 2.69 |
| Foro / Hole | 1.26 - 1.53 | 1.54 - 1.87 | 1.75 - 2.12 | 2.10 - 2.55 | 2.45 - 2.97 | 2.80 - 3.40 | 3.50 - 4.25 | 4.20 - 5.10 |
| D | 3.6 | 4.0 | 4.2 | 5.6 | 6.9 | 7.5 | 8.2 | 10.8 |
| K | 1.3 | 1.5 | 1.6 | 2.1 | 2.3 | 2.6 | 2.9 | 3.8 |
| Impronta PZ/PH Recess PZ/PH No. | T6 | T6 | T8 | T10 | T10 | T20 | T20 | T25 |

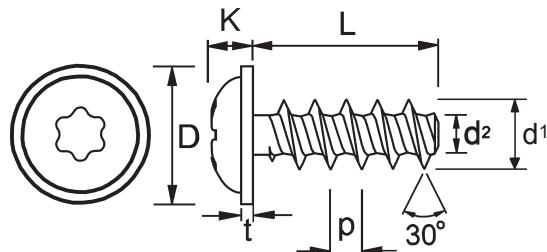
VITI PER PLASTICA TIPO FXTCFTX

SCREWS FOR PLASTIC FXTCFTX TYPE

SCHRAUBEN FÜR KUNSTSTOFF TYP FXTCFTX

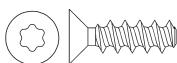
VIS POUR PLASTIQUE TYPE FXTCFTX

TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO FXTCFTX

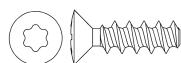


| Misura / Size d1 | 2.2 | 2.5 | 3.0 | 3.5 | 4.0 | 5.0 | 6.0 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Lunghezza/Length | 4 - 10 | 5 - 10 | 6 - 25 | 8 - 25 | 8 - 30 | 8 - 30 | 12 - 30 |
| d2 | 1.25 | 1.40 | 1.66 | 1.91 | 2.17 | 2.68 | 3.19 |
| p | 0.98 | 1.12 | 1.34 | 1.57 | 1.79 | 2.24 | 2.69 |
| Foro / Hole | 1.54 - 1.87 | 1.75 - 2.12 | 2.10 - 2.55 | 2.45 - 2.97 | 2.80 - 3.40 | 3.50 - 4.25 | 4.20 - 5.10 |
| D | 4.5 | 5.0 | 6.0 | 7.0 | 8.0 | 10.0 | 12.0 |
| K | 1.4 | 1.5 | 2.1 | 2.4 | 2.6 | 3.3 | 3.6 |
| t | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 | 1.0 | 1.2 |
| Impronta PZ/PH Recess PZ/PH No. | T6 | T6 | T10 | T10 | T20 | T20 | T25 |

A RICHIESTA / ON DEMAND



FXTSTX



FXTSCTX



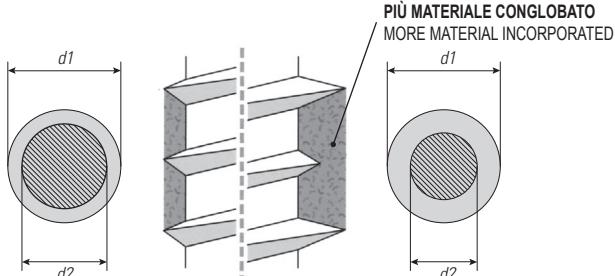
FXTE



FXFEF

VITI PER PLASTICA - INFORMAZIONI TECNICHE
SCREWS FOR PLASTIC - TECHNICAL INFORMATION
SCHRAUBEN FÜR KUNSTSTOFF - TECHNISCHE INFORMATIONEN
VIS POUR PLASTIQUE - DONNÉES TECHNIQUES
TORNILLOS METALICOS PARA FIJAR EN PLASTICO - INFORMACION TECNICA

d₁ = diametro estremo vite / external screw diameter
d₂ = diametro nocciola vite / root diameter



AUTOFILETTANTE STANDARD
STANDARD SELF TAPPING THREAD

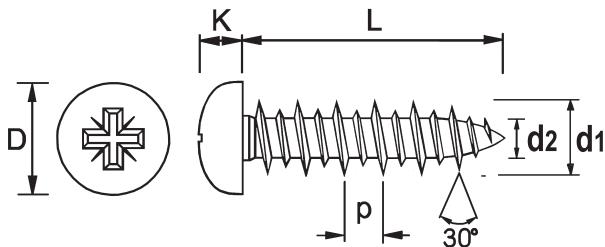
VITI PER PLASTICA TIPO DF
SCREWS FOR PLASTIC DF TYPE

VITI PER PLASTICA TIPO DF
SCREWS FOR PLASTIC DF TYPE



| | | | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Diametro vite nominale (d ₁) <i>Nominal screw diameter (d₁)</i> | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
| Foro (d ₁ x 0,7) - (d ₁ x 0,9) <i>Hole</i> | 2.10 - 2.70 | 2.45 - 3.15 | 2.80 - 3.60 | 3.15 - 4.05 | 3.50 - 4.50 | 3.85 - 4.95 | 4.20 - 5.40 | 4.90 - 6.30 |
| Coppia di rottura (Nm) <i>Breaking Torque (Nm)</i> | 1.00 | 1.45 | 2.15 | 2.85 | 4.35 | 6.55 | 9.15 | 15.60 |
| Coppia di chiusura Max (Nm) <i>Max Tightening torque (Nm)</i> | 0.70 | 1.00 | 1.40 | 1.90 | 2.90 | 4.30 | 6.00 | 10.30 |

VITI PER PLASTICA TIPO DFTC+
SCREWS FOR PLASTIC DF TYPE
SCHRAUBEN FÜR KUNSTSTOFF TYP DF
VIS POUR PLASTIQUE TYPE DF
TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO DF



| | | | | | | | | |
|------------------------------------|--------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Misura / Size d ₁ | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
| Lunghezza/Length | 6 - 20 | 8 - 25 | 8 - 30 | 8 - 30 | 12 - 35 | 12 - 40 | 12 - 45 | 12 - 50 |
| d ₂ | 1.85 | 2.0 | 2.30 | 2.50 | 2.85 | 3.35 | 3.75 | 4.75 |
| p | 2.10 | 2.50 | 2.70 | 2.80 | 3.0 | 3.0 | 3.10 | 3.50 |
| Foro / Hole | 2.10 - 2.70 | 2.45 - 3.15 | 2.80 - 3.60 | 3.15 - 4.05 | 3.50 - 4.50 | 3.85 - 4.95 | 4.20 - 5.40 | 4.90 - 6.30 |
| D | 4.60. - 4.90 | 5.30 - 5.60 | 6.54 - 6.90 | 7.14 - 7.50 | 7.84 - 8.20 | 9.14 - 9.50 | 10.37 - 10.80 | 12.07 - 12.50 |
| K | 1.75 - 2.0 | 1.95 - 2.20 | 2.35 - 2.60 | 2.55 - 2.80 | 2.75 - 3.05 | 3.25 - 3.55 | 3.65 - 3.95 | 4.25 - 4.55 |
| Impronta PZ/PH Recess PZ/PH No. | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 |

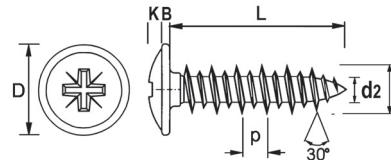
VITI PER PLASTICA TIPO DFTCF+

SCREWS FOR PLASTIC DFTCF+ TYPE

SCHRAUBEN FÜR KUNSTSTOFF TYP DFTCF+

VIS POUR PLASTIQUE TYPE DFTCF+

TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO DFTCF+



| Misura / Size d1 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
|------------------------------------|-------------|-------------|-------------|-------------|--------------|---------------|--------------|--------------|
| Lunghezza/Length | 6 - 20 | 8 - 25 | 8 - 30 | 8 - 30 | 12 - 35 | 12 - 40 | 12 - 45 | 12 - 50 |
| d2 | 1.85 | 2.0 | 2.30 | 2.50 | 2.85 | 3.35 | 3.75 | 4.75 |
| p | 2.10 | 2.50 | 2.70 | 2.80 | 3.0 | 3.0 | 3.10 | 3.50 |
| Foro / Hole | 2.10 - 2.70 | 2.45 - 3.15 | 2.80 - 3.60 | 3.15 - 4.05 | 3.50 - 4.50 | 3.85 - 4.95 | 4.20 - 5.40 | 4.90 - 6.30 |
| D | 6.24 - 6.60 | 7.04 - 7.40 | 8.44 - 8.80 | 9.14 - 9.50 | 9.87 - 10.30 | 11.07 - 11.50 | 12.57 - 13.0 | 14.57 - 15.0 |
| K + B | 1.75 - 2.0 | 1.95 - 2.20 | 2.35 - 2.60 | 2.55 - 2.80 | 2.75 - 3.05 | 3.25 - 3.55 | 3.65 - 3.95 | 4.25 - 4.55 |
| B | 0.47 - 0.72 | 0.57 - 0.82 | 0.67 - 0.92 | 0.77 - 1.02 | 0.87 - 1.12 | 0.97 - 1.22 | 1.07 - 1.32 | 1.27 - 1.52 |
| Impronta PZ/PH Recess PZ/PH No. | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 |

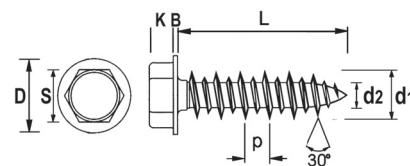
VITI PER PLASTICA TIPO DFTEF

SCREWS FOR PLASTIC DFTEF TYPE

SCHRAUBEN FÜR KUNSTSTOFF TYP DFTEF

VIS POUR PLASTIQUE TYPE DFTEF

TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO DFTEF



| Misura / Size d1 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
|------------------------------------|-----|-------------|-------------|-------------|-------------|--------------|---------------|---------------|
| Lunghezza/Length | - | 8 - 25 | 8 - 30 | 8 - 30 | 12 - 35 | 12 - 40 | 12 - 45 | 12 - 50 |
| d2 | - | 2.0 | 2.30 | 2.50 | 2.85 | 3.35 | 3.75 | 4.75 |
| p | - | 2.50 | 2.70 | 2.80 | 3.0 | 3.0 | 3.10 | 3.50 |
| Foro / Hole | - | 2.45 - 3.15 | 2.80 - 3.60 | 3.15 - 4.05 | 3.50 - 4.50 | 3.85 - 4.95 | 4.20 - 5.40 | 4.90 - 6.30 |
| D | - | 6.02 - 6.50 | 6.61 - 7.21 | 8.46 - 9.18 | 9.01 - 9.73 | 9.85 - 10.61 | 10.20 - 11.08 | 12.80 - 13.66 |
| S | - | 4.82 - 5.0 | 5.32 - 5.50 | 6.78 - 7.0 | 6.78 - 7.0 | 7.78 - 8.0 | 7.78 - 8.0 | 9.78 - 10.0 |
| K | - | 1.62 - 1.87 | 2.42 - 2.67 | 2.42 - 2.67 | 2.92 - 3.17 | 3.12 - 3.42 | 4.15 - 4.45 | 4.95 - 5.25 |
| B | - | 0.28 - 0.50 | 0.32 - 0.54 | 0.47 - 0.80 | 0.48 - 0.78 | 0.48 - 0.78 | 0.55 - 0.99 | 0.79 - 1.33 |
| Impronta PZ/PH Recess PZ/PH No. | - | 1 | 2 | 2 | 2 | 2 | 3 | 3 |

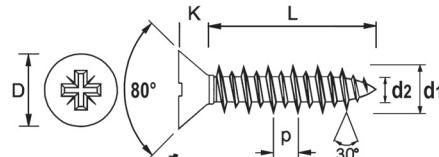
VITI PER PLASTICA TIPO DFTS+

SCREWS FOR PLASTIC DFTS+ TYPE

SCHRAUBEN FÜR KUNSTSTOFF TYP DFTS+

VIS POUR PLASTIQUE TYPE DFTS+

TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO DFTS+



| Misura / Size d1 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Lunghezza/Length | 6 - 20 | 8 - 25 | 8 - 30 | 8 - 30 | 12 - 35 | 12 - 40 | 12 - 45 | 12 - 50 |
| d2 | 1.85 | 2.0 | 2.30 | 2.50 | 2.85 | 3.35 | 3.75 | 4.75 |
| p | 2.10 | 2.50 | 2.70 | 2.80 | 3.0 | 3.0 | 3.10 | 3.50 |
| Foro / Hole | 2.10 - 2.70 | 2.45 - 3.15 | 2.80 - 3.60 | 3.15 - 4.05 | 3.50 - 4.50 | 3.85 - 4.95 | 4.20 - 5.40 | 4.90 - 6.30 |
| D | 4.60 - 4.90 | 5.20 - 5.50 | 6.44 - 6.80 | 7.14 - 7.50 | 7.74 - 8.10 | 9.14 - 9.50 | 10.37 - 10.80 | 11.97 - 12.40 |
| K | 1.5 | 1.7 | 2.1 | 2.3 | 2.5 | 3.0 | 3.4 | 3.8 |
| Impronta PZ/PH Recess PZ/PH No. | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 |

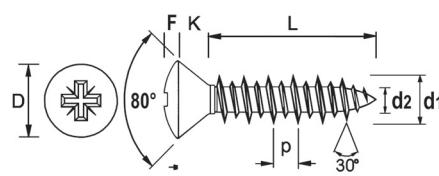
VITI PER PLASTICA TIPO DFTSC+

SCREWS FOR PLASTIC DFTSC+ TYPE

SCHRAUBEN FÜR KUNSTSTOFF TYP DFTSC+

VIS POUR PLASTIQUE TYPE DFTSC+

TORNILLOS METALICOS PARA FIJAR EN PLASTICO TIPO DFTSC



| Misura / Size d1 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 7.0 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Lunghezza/Length | 6 - 20 | 8 - 25 | 8 - 30 | 8 - 30 | 12 - 35 | 12 - 40 | 12 - 45 | 12 - 50 |
| d2 | 1.85 | 2.0 | 2.30 | 2.50 | 2.85 | 3.35 | 3.75 | 4.75 |
| p | 2.10 | 2.50 | 2.70 | 2.80 | 3.0 | 3.0 | 3.10 | 3.50 |
| Foro / Hole | 2.10 - 2.70 | 2.45 - 3.15 | 2.80 - 3.60 | 3.15 - 4.05 | 3.50 - 4.50 | 3.85 - 4.95 | 4.20 - 5.40 | 4.90 - 6.30 |
| D | 4.60 - 4.90 | 5.20 - 5.50 | 6.44 - 6.80 | 7.14 - 7.50 | 7.74 - 8.10 | 9.14 - 9.50 | 10.37 - 10.80 | 11.97 - 12.40 |
| K | 1.5 | 1.7 | 2.1 | 2.3 | 2.5 | 3.0 | 3.4 | 3.8 |
| F | 0.6 | 0.9 | 1.2 | 1.3 | 1.4 | 1.5 | 1.7 | 2.0 |
| Impronta PZ/PH Recess PZ/PH No. | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 |