

FRAME PLUGS Ø8

NEW!

**POLISH
PRODUCER**

KPS-FAST 8 K



TX HEX HEAD SCREW

KPS-FAST 8 S



**TX COUNTERSUNK
HEAD SCREW**

100% nylon
pure material

**100% secure
fixing**

REDUCED THREAD

- precise installation of the screw
- increased expansion force in the second expansion zone

**length
upto 140 mm**

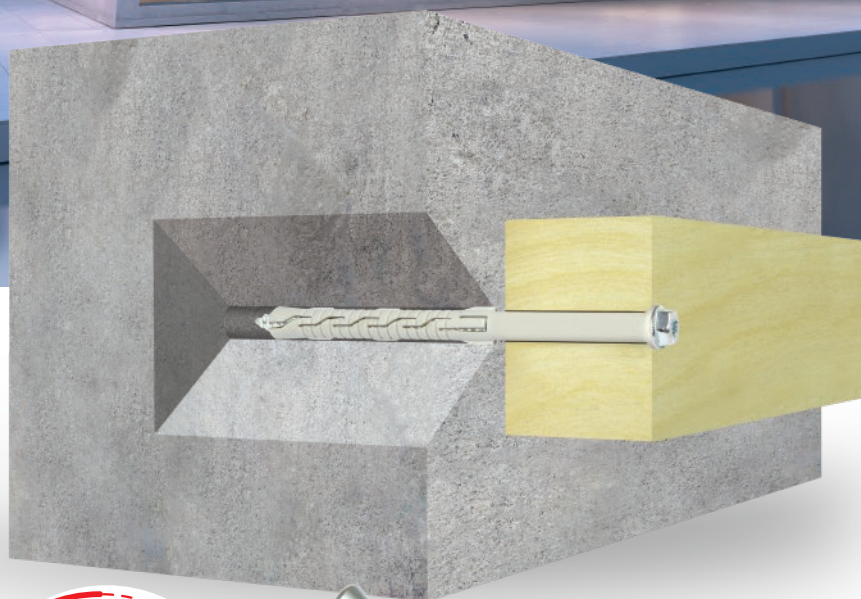
ETAG 020

A B C D

**all
Directions
expansion
zone**

**strong
plus**

SECURE FIXING!



NEW!

KPS-FAST 8 K
KPS-FAST 8 S



100% pure material nylon

100% secure fixing

KPS-FAST 8 K

Frame plug Ø8 with hex head screw
ZINC PLATED SCREW

KPS-FAST 8 K A4

Frame plug Ø8 with hex head screw
A4 STEEL SCREW

KPS-FAST 8 K 00

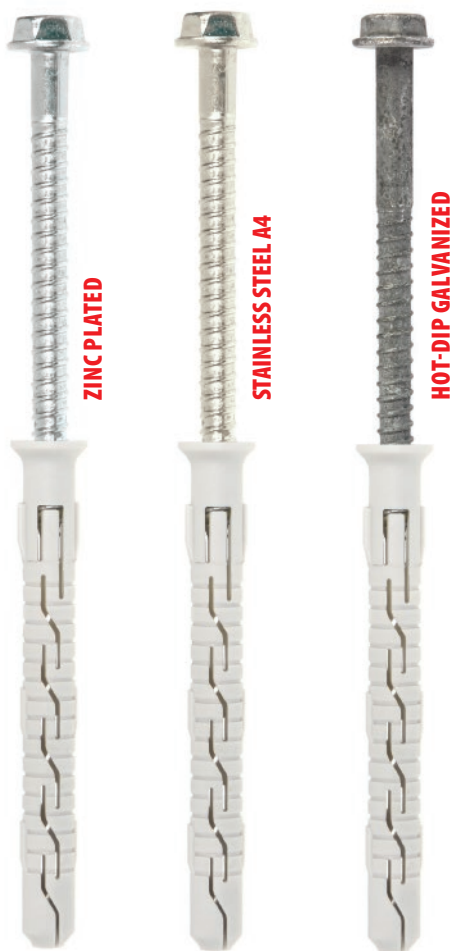
Frame plug Ø8 with hex head screw
HOT-DIP GALVANIZED SCREW



ETA-12/0272



NEW!



Description

Frame plug with flanged hex head screw for fixing of metal members

Technical data

Type of installation	push-through installation
Substrate	concrete, solid clay brick, perforated clay brick, autoclaved aerated concrete

Sleeve material / Protective coating

100% nylon

Blue zinc

stainless steel



Features and advantages of the product



Hex head with TX-30/SW-10 drive

TX drive ensures optimum transfer of torque while SW-10 hex head allows for tightening the screw with a given force (e.g. with torque wrench).

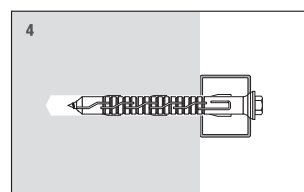
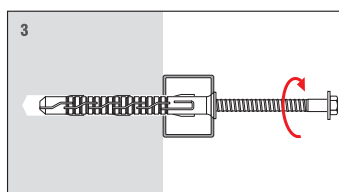
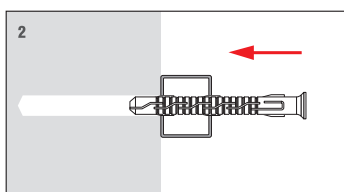
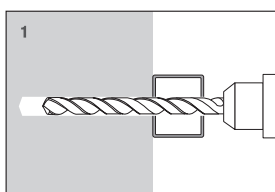


Reduced thread

Precise installation of the screw
Increased expansion force in the second expansion zone.



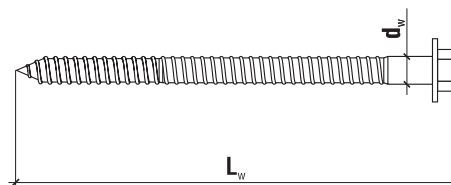
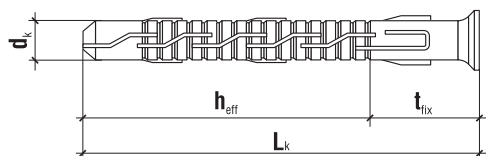
Installation



TECHNICAL DATA

Product marking

KPS-FAST	08	080	K	00
Type	Diameter	Length	Head type	Type of steel and coating

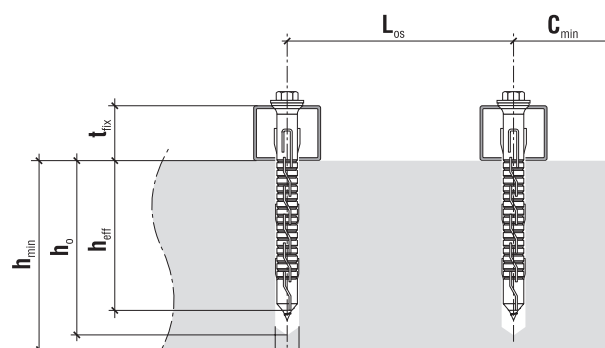


SW-10
TX-30

	Code BLUE ZINC PLATED	Code A4 STAINLESS STEEL	Code HOT-DIP GALVANIZED	$d_k \times L_k$ [mm]	$d_w \times L_w$ [mm]	Max. fixture thickness t_{fix} [mm]	Drive type		Pcs
Ø8	KPS-FAST-08080K	KPS-FAST-08080K-A4	KPS-FAST-08080K-00	8.0 x 80	6.0 x 85	10*/30**			50
	KPS-FAST-08100K	KPS-FAST-08100K-A4	KPS-FAST-08100K-00	8.0 x 100	6.0 x 105	30*/50**			50
	KPS-FAST-08120K	KPS-FAST-08120K-A4	KPS-FAST-08120K-00	8.0 x 120	6.0 x 125	50*/70**			50
	KPS-FAST-08140K	KPS-FAST-08140K-A4	KPS-FAST-08140K-00	8.0 x 140	6.0 x 145	70*/90**			50

TECHNICAL DATA

Parameter	Unit	Value
Plug diameter	d_k [mm]	8
Hole/drill diameter	d_o [mm]	8
Effective anchorage depth	h_{eff} [mm]	70*/50**
Depth of drill hole	h_o [mm]	80*/60**
Drive type	x	TX-30/SW-10
Use categories	x	A B C D
Sleeve material	x	PA
Screw material	x	A4, hot-dip galvanized, steel
Approval	x	ETA-12/0272



SUBSTRATE - MINIMUM THICKNESS, DISTANCE

Substrate	Min. member thickness h_{min} [mm]	Min. edge distance c_{min} [mm]
Concrete C20/25	100	60*/50**
Solid clay brick	120	100
Solid sand-lime brick	120	100
Perforated clay brick	180	100
Autoclaved aerated concrete	100	100

* for standard anchorage depth, use category A, B, C, D

** for reduced anchorage depth, use category A, B



From now all our framework fasteners Fast and Strong are **PRE-ASSEMBLED**.

Pre-assembled products means:

- ✓ easier and faster mounting
- ✓ no wasting time for assembling
- ✓ no mistake in choosing sleeve to the screw

KPS-FAST 8 S

Frame plug Ø8 with countersunk head screw
ZINC PLATED SCREW

KPS-FAST 8 S A4

Frame plug Ø8 with countersunk head screw
A4 STEEL SCREW

KPS-FAST 8 S 00

Frame plug Ø8 with countersunk head screw
HOT-DIP GALVANIZED SCREW



ETA-12/0272

ETAG 020

A B C D

Description

Frame plug with countersunk head screw for fixing of wood and wood-based members

Technical data

Type of installation	push-through installation
Substrate	concrete, solid clay brick, perforated solid brick, autoclaved aerated concrete

Sleeve material / Protective coating

**100%
nylon**

**Blue
zinc**

Features and advantages of the product



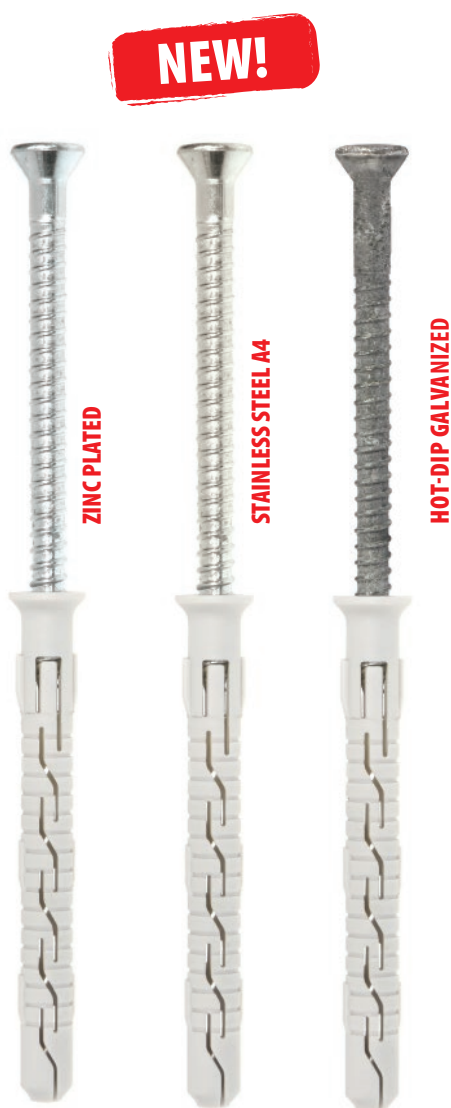
Countersunk head with TX-30

Countersunk head ensures the right embedment in the element being installed. TX drive ensures optimum transfer of torque.

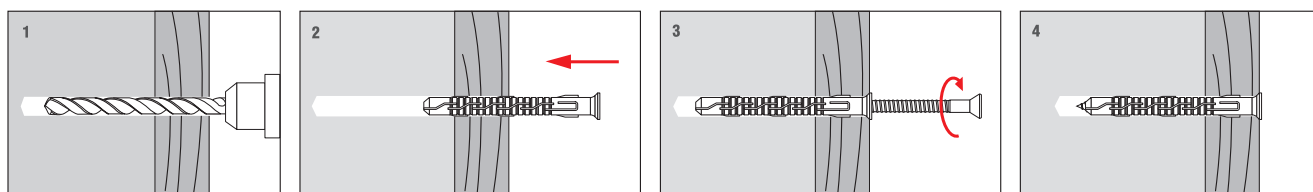


Reduced thread

Precise installation of the screw
Increased expansion force in the second expansion zone.



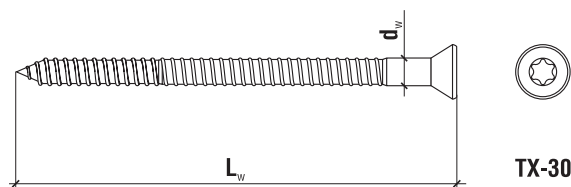
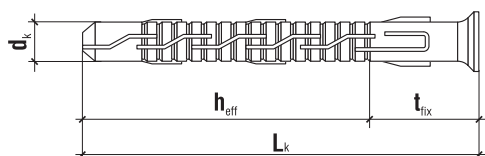
Installation



TECHNICAL DATA

Product marking

KPS-FAST	08	080	S	00
Type	Diameter	Length	Head type	Type of steel and coating

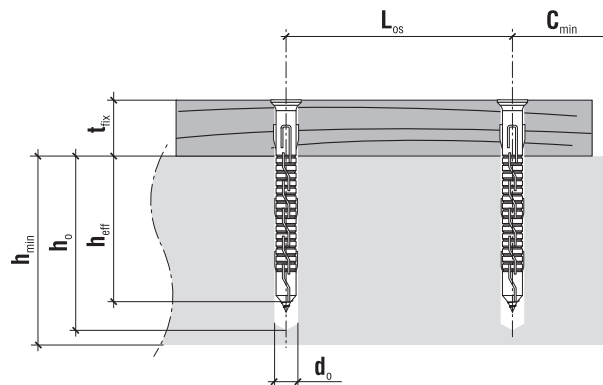


TX-30

	Code BLUE ZINC PLATED	Code A4 STAINLESS STEEL	Code HOT-DIP GALVANIZED	$d_k \times L_k$ [mm]	$d_w \times L_w$ [mm]	Max. fixture thickness t_{fix} [mm]	Drive type	Pcs
Ø8	KPS-FAST-08080S	KPS-FAST-08080S-A4	KPS-FAST-08080S-00	8.0 x 80	6.0 x 85	10*/30**	TX-30	50
	KPS-FAST-08100S	KPS-FAST-08100S-A4	KPS-FAST-08100S-00	8.0 x 100	6.0 x 105	30*/50**	TX-30	50
	KPS-FAST-08120S	KPS-FAST-08120S-A4	KPS-FAST-08120S-00	8.0 x 120	6.0 x 125	50*/70**	TX-30	50
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Drive type	x	TX-30
Use categories	x	A B C D
Sleeve material	x	PA
Screw material	x	A4, hot-dip galvanized, steel
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RESISTANCE KPS-FAST-8 K / KPS-FAST-8 S

Type of substrate according to ETAG020		Description	Density [kg/dm ³]	Standard	Characteristic pull-out resistance [kN]	
					KPS-FAST 8 h _{eff} =50	KPS-FAST 8 h _{eff} =70
A		Concrete C 12/15	≥ 1.8	EN 206-1	2.5*	3.0*
		Concrete ≥ C 16/20	≥ 2.3	EN 206-1	3.5*	4.5*
B		Solid clay brick (e.g. MZ Rd 2.0/20)-DIN 106)	≥ 2.0	EN 771-1	3.0	3.0
B		Solid sand-lime brick (e.g. Kalksandstein KS NF 20-2.0 Vollstein - DIN 106)	≥ 2.0	EN 771-2	3.0	3.0
C		Hollow sand-lime blocks KSL (e.g. Kalksandstein KS L-R(P) 8 DF Lochstein - DIN 106)	≥ 1.6	EN 771-2	-	2.5
C		Porous blocks (e.g. MAX 250)	≥ 0.8	EN 771-1	-	1.2
D		Lightweight concrete hollow blocks (e.g. HBL 2/0.8)	≥ 0.8	EN 771-3	-	1.5
D		Autoclaved aerate concrete AAC2	≥ 0.35	EN 771-4	-	0.60
		Autoclaved aerate concrete AAC7	≥ 0.65	EN 771-4	-	2.0

* cracked concrete