

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

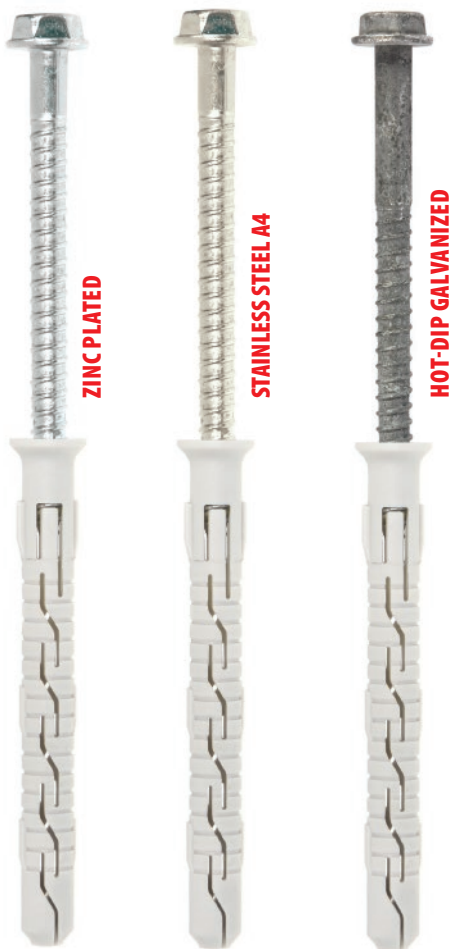
KPS-FAST 8 K 00

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



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).

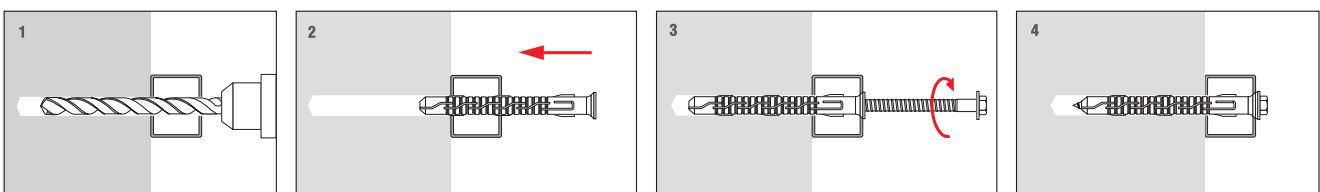


Reduced thread

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



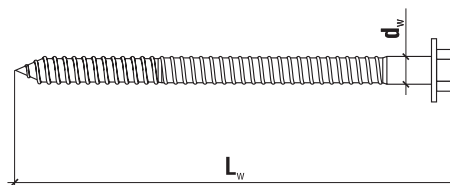
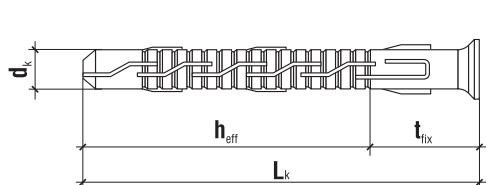
Installation



TECHNICAL DATA

Product marking

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

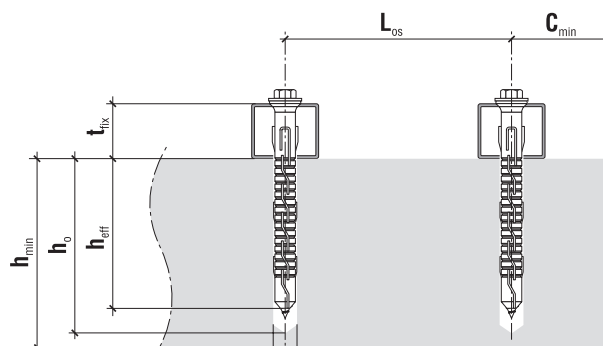


SW-10
TX-30

	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
08	KPS-FAST-08080K	KPS-FAST-08080K-A4	KPS-FAST-08080K-00	8.0 x 80	6.0 x 85	10*/30**	TX-30	SW-10	50
	KPS-FAST-08100K	KPS-FAST-08100K-A4	KPS-FAST-08100K-00	8.0 x 100	6.0 x 105	30*/50**	TX-30	SW-10	50
	KPS-FAST-08120K	KPS-FAST-08120K-A4	KPS-FAST-08120K-00	8.0 x 120	6.0 x 125	50*/70**	TX-30	SW-10	50
	KPS-FAST-08140K	KPS-FAST-08140K-A4	KPS-FAST-08140K-00	8.0 x 140	6.0 x 145	70*/90**	TX-30	SW-10	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

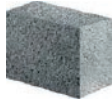








From now all our framework fasteners Fast and Strong are **PRE-ASSEMBLED**.

Pre-assembled products means:

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

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