

Fixing solutions for finishing professionals

FRAME PLUG Ø10mm WITH:



HEX & TORX HEAD SCREW:

KPS-FAST K



TORX COUNTERSUNK
HEAD SCREW:

KPS-FAST S



ETAG 020

A B C D

**COLDIP
SATIN 900
ZINC**

**Heavy Duty
Corrosion
Resistance**

THREAD REDUCTION

- precision drive of the screw
- greater expansion force in the second expansion zone



100% nylon
pure material



**100% secure
fixing**

300mm
length
up to





RESISTANCE

Substrate	Description	Density (kg/dm ³)	Standard	Characteristic pull-out resistance [kN]
	concrete C12/15	≥1,8	EN 206-1	3,0*
	concrete C20/25	≥2,3	EN 206-1	4,0*
	clay brick	≥1,7	EN 771-1	3,5
	clay brick (np. MZ Rd 2,0/20)	≥2,0	EN 771-1	3,5
	calcium silicate brick (np. Kalksandstein KS NF 20-2.0 Vollstein - DIN 106)	≥2,0	EN 771-2	3,5
	calcium silicate hollow block (np. Kalksandstein KS L-R(P) 8 DF Lochstein - DIN 106)	≥1,6	EN 771-2	2,5
	vertical perforated porosited block (np. Porotherm 25 P+W)	≥0,8	EN 771-1	1,2
	vertical perforated ceramic block (np. MAX 250)	≥0,8	EN 771-1	0,9
	perforated ceramic brick (np. Hlz Rd1 1,2/12)	≥1,2	EN 771-1	2,0
	VBL 2/0.8	≥0,8	EN 771-2	2,0
	HBL 2/0.8	≥0,8	EN 771-2	2,0
	autoclaved aerated concrete AAC2	≥0,35	EN 771-4	0,6
	autoclaved aerated concrete AAC7	≥0,65	EN 771-4	1,5

* RESISTANCE FOR CRACK CONCRETE



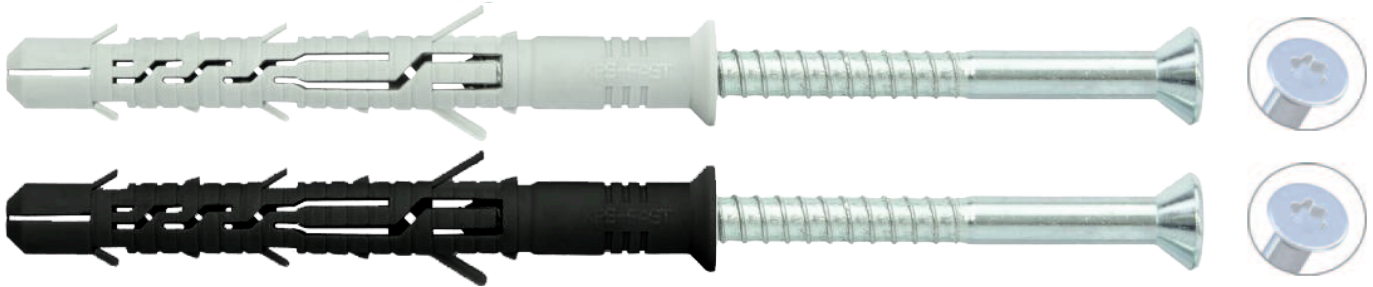
According to the technical report TR 020 " Fire resistance evaluation of concrete anchoring". it can be started for the purpose of fixing facade systems, KPS-FAST fasteners have sufficient fire resistance of at least 90 minutes (R90) if the design load per one anchor is $N_{d} \leq 0,8 \text{ kN}$ (with no permanent centric loading)



ETAG 020
A B C D

100% nylon

COLDIP
SATIN
ZINC
900 Heavy Duty
Corrosion
Resistance



APPLICATION

For facade fixing of wooden members, battens and cover trims, steel profiles in cavity brick walls.

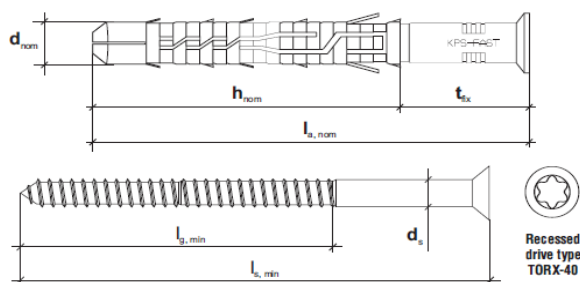
SUBSTRATE



SPECIFICATIONS

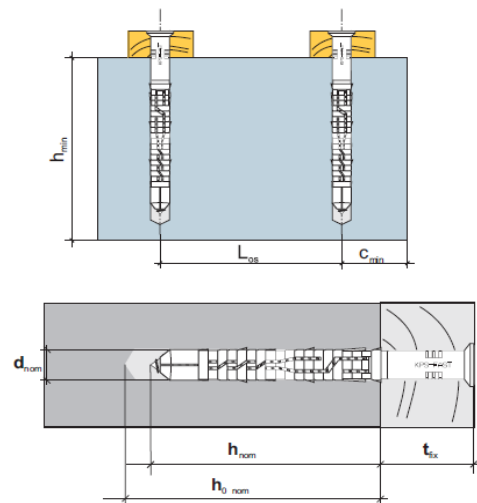
Plug material	NYLON
Screw material	carbon steel & stainless steel
Corrosion protection	zinc + COLDIP SATIN ZINC 900

RESISTANCE



INSTALLATION DATA

Substrate	Minimum edge distance c_{min} (mm)	Min. member thickness h_{min} (mm)
concrete C20/25	60	100
concrete C12/15, clay brick, calcium silicate brick	100	120
perforated/ hollow masonry	100	250
AAC	100	250




















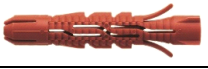






TECHNICAL DATA

Code and size	Recessed drive type	Drill hole diameter d_{nom} (mm)	Plug length l_s (mm)	Screw diameter and length $d_s \times l_s$ (mm)	Minimum depth of drilled hole $h_{s, nom}$ (mm)	Minimum anchorage depth h_{nom} (mm)	Maximum fixture thickness t_{ex} (mm)	Pcs per pack
KPS-FAST - 10 x 80 S	TORX40	10	80	7,0 x 85	80	70	10	50
KPS-FAST - 10 x 100 S	TORX40	10	100	7,0 x 105	80	70	30	50
KPS-FAST - 10 x 120 S	TORX40	10	120	7,0 x 125	80	70	50	50
KPS-FAST - 10 x 140 S	TORX40	10	140	7,0 x 145	80	70	70	50
KPS-FAST - 10 x 160 S	TORX40	10	160	7,0 x 165	80	70	90	50
KPS-FAST - 10 x 180 S	TORX40	10	180	7,0 x 185	80	70	110	50
KPS-FAST - 10 x 200 S	TORX40	10	200	7,0 x 205	80	70	130	25

KWIK RANGE OF PRODUCTS

- Mechanical Anchoring Systems ■ Chemical Anchoring Systems ■ Nylon Anchoring Systems
- Threaded Anchor Rods ■ Tools & Accessories ■ Polyurethane Foam

KTB-PRO	Kwik Through Bolt	
KTB-PRO-EYE	Safety Eye Hook Anchor	
KTB-SS-PRO	Through Bolt (Stainless Steel)	
KDM-PRO	Drop In Anchor	
KDM-ST	Manual Setting Tool	
KCSB-PRO	Concrete Screw Bolt (Hex Head)	
KTR58/88/10	Threaded Anchor Rods (5.8 / 8.8 / 10.9 Gr.)	
KTRA2/A4	Threaded Anchor Rods (SS304/A2 & SS316/A4)	
KPS-FAST S (CSK)	Universal Frame Fixing Anchor 	
KPS-FAST S (CSK-SS)	Universal Frame Fixing Anchor 	
KPS-FAST K (HEX)	Universal Frame Fixing Anchor 	
KPS-FAST K (HEX-SS)	Universal Frame Fixing Anchor 	
KDF-PRO	Kwik Door Frame Anchor (Economical Version)	
KHF	Kwik Hammer Fix Anchor	
KNP	Kwik Universal Nylon Plugs	
KNP-L	Kwik Universal Nylon Plugs - Long	
KOMBI-FOAM PRO	Polyurethane Foam (Gun Grade)	
KOMBI-FOAM PRO	Polyurethane Foam (Straw Grade)	
KOMBI-CLEANER PRO	Polyurethane Foam Cleaner	
KOMBI GUN	Polyurethane Foam Dispenser Gun	

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