

## 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% <sup>pure material</sup> nylon  
\*\*\*

100% secure  
fixing

300mm length  
up to





### RESISTANCE

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

\* RESISTANCE FOR CRACK CONCRETE



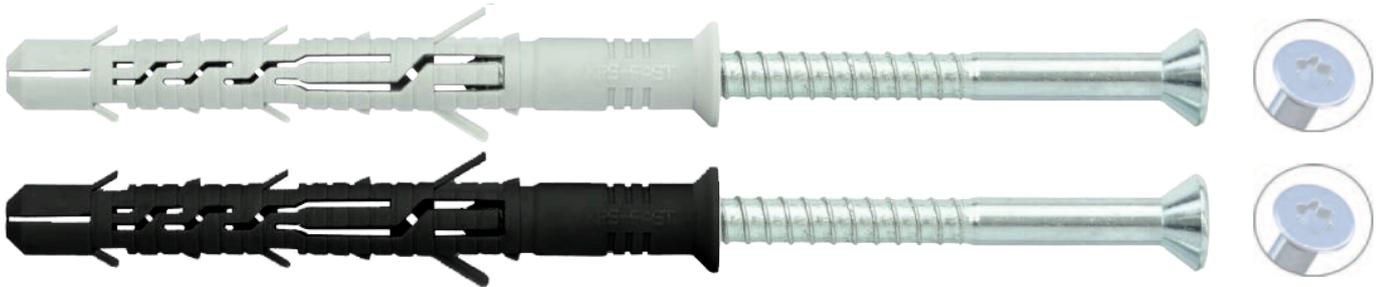
According to the technical report TR 020 " Fire resistance evaluation of concrete anchoring". it can be started for the purpose of fixing facade systems, KPS-FAST fasteners have sufficient fire resistance of at least 90 minutes (R90) if the design load per one anchor is  $N_{\leq 0,8kN}$  (with no permanent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



ETAG 020  
**A B C D**

100% nylon  
\*\*\*

COLDIP  
SATIN  
ZINC  
Heavy Duty  
Corrosion  
Resistance



### APPLICATION

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

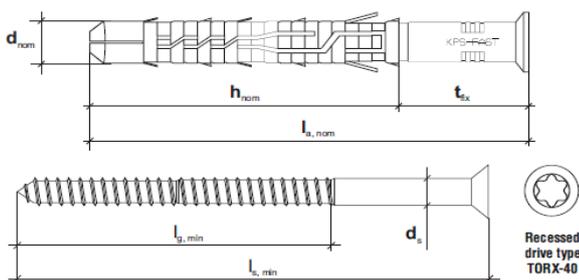
### SUBSTRATE



### SPECIFICATIONS

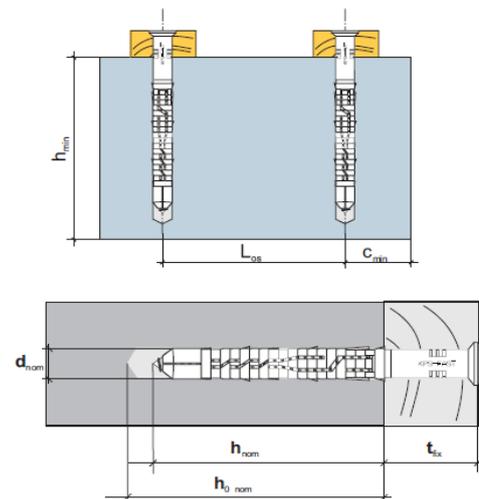
Plug material	<b>NYLON</b>
Screw material	carbon steel & stainless steel
Corrosion protection	zinc + <b>COLDIP SATIN ZINC 900</b>

### 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 $h_{e, nom}$ (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

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

### Kwik Fastening Solutions Pvt. Ltd.

Office : 10, Highway Commercial Centre, I.B. Patel Road, Near Western Express Highway, Goregaon (E), Mumbai - 400 063, Maharashtra.  
 Email: [contact@kwikindia.com](mailto:contact@kwikindia.com) Web: <http://www.kwikindia.com> Contact: 9769099641 / 9930233390