

Product description

The KPS-FAST-S has a plug made of polyamide and a specially shaped steel screw with a countersunk head (S). The construction plug is suitable for all substrates. When screwed in, the plastic sleeve expands and grips firmly in the drilled hole. These plugs provide high resistance and easy installation.

Technical description

- Plug diameter: 12 mm
- Drill diameter: 12 mm
- Anchorage depth: 50 / 70 mm
- Drill hole depth: 60 / 80 mm
- Drive type: TX-30
- Sleeve material: PA – polyamide
- European Technical Assessment: ETA-12/0272



Range

Code	Dimensions (mm)	Packaging (pcs/box)
KPSFS-12-080	12 x 80 mm	25
KPSFS-12-100	12 x 100 mm	25
KPSFS-12-120	12 x 120 mm	25
KPSFS-12-140	12 x 140 mm	25
KPSFS-12-160	12 x 160 mm	25
KPSFS-12-180	12 x 180 mm	25
KPSFS-12-200	12 x 200 mm	25
KPSFS-12-230	12 x 230 mm	25
KPSFS-12-260	12 x 260 mm	25
KPSFS-12-300	12 x 300 mm	25

Load-bearing capacity

Substrate according to ETAG014	Description	Bulk density (kg/dm ³)	Compressive strength (N/mm ²)	Resistance (kN/pcs)	
				$h_{\text{eff}}=50 \text{ mm}$	$h_{\text{eff}}=70 \text{ mm}$
A 	Concrete C12/15	$\geq 2,25$	$f_{c,cyl} \geq 12$	3,5**	1,94**
A 	Concrete > C16/20	$\geq 2,30$	$f_{c,cyl} \geq 16$	5,0**	2,77**
B 	Brick	$\geq 2,00$	≥ 10	2,5	1
B 	Solid sand-lime brick	$\geq 2,00$	≥ 20	3,5	1,4
C 	Hollow sand-lime brick	$\geq 1,60$	≥ 12	3,0	1,2
D 	Quick-build block LAC	$\geq 1,05$	≥ 20	2,0	0,8
E 	Aerated concrete AAC2	$\geq 0,35$	≥ 2	0,75	0,375
E 	Aerated concrete AAC7	$\geq 0,65$	$\geq 6,5$	3,0	1,5

****Cracked concrete**