

## 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 offer high resistance and easy installation.

## Technical description

- Plug diameter: 8 mm
- Drill diameter: 8 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-08-080	8,0 x 80 mm	50
KPSFS-08-100	8,0 x 100 mm	50
KPSFS-08-120	8,0 x 120 mm	50
KPSFS-08-140	8,0 x 140 mm	50

## Load-bearing capacity

Substrate according to ETAG014	Description	Bulk density (kg/dm <sup>3</sup> )	Compressive strength (N/mm <sup>2</sup> )	Resistance (kN/pcs)	
				h <sub>eff</sub> =50 mm	h <sub>eff</sub> =70 mm
<b>A</b> 	Concrete C12/15	≥ 2,25	f <sub>c,cyl</sub> ≥ 12	1,38**	1,66**
<b>A</b> 	Concrete > C16/20	≥ 2,30	f <sub>c,cyl</sub> ≥ 16	1,94**	2,5**
<b>B</b> 	Brick	≥ 2,00	≥ 10	1,2	1
<b>B</b> 	Solid sand-lime brick	≥ 2,00	≥ 20	1,2	1,2
<b>C</b> 	Hollow sand-lime brick	≥ 1,60	≥ 12	-	1
<b>D</b> 	Quick-build block LAC	≥ 1,05	≥ 20	-	0,8
<b>E</b> 	Aerated concrete AAC2	≥ 0,35	≥ 2	-	0,45
<b>E</b> 	Aerated concrete AAC7	≥ 0,65	≥ 6,5	-	1

**\*\*Cracked concrete**