

HPS-1 impact anchor



A ready to use anchor comprising plastic anchor sleeve and pre-assembled screw, which can be hammered home to expand the anchor

Applications

- Variety of base materials
 - concrete
 - aerated concrete
 - solid and hollow brick work
- Fastening pipes and cables, wood battens and components for electrical and pipefitting / plumbing installations
- Drywall partition installation, skirting boards, flashing/steel metal

Features

- High quality polyamide plastic body, screw zinc plated or stainless steel
- Ready to use fastener for through fastening
- Bridging of gaps due to collapsible section
- Impact expansion by hammer of screwdriver
- Only one anchor type required for both solid and hollow materials
- Can be removed with a screwdriver
- Quick and simple setting, easily expanded with a few blows of a hammer
- Large programme of different versions, including stainless steel

Size	Permissible load (kN) in concrete $f_{c,cyl} \geq 20$ MPa	
	Tension N_{rec}	Shear V_{rec}
4/0	0.05	0.15
5/0-15	0.16 (0,10) ¹⁾	0.35 (0,30) ¹⁾
6/0-40	0.25	0.55 (0,35) ²⁾
8/0-40	0.40 (0,30) ³⁾	0.90 (0,50) ³⁾
8/60-100	0.40	0.50

¹⁾ HPS-1 5/0x20 · ²⁾ HPS-1 6/30+6/40 · ³⁾ HPS-1 8/0x30

HPS-1 with prefitted drive screw

Item no.	Ordering designation	Hole dia.	Thread Length	Max Fasten. Thickness	Package contents	Price per
STANDARD						
260369	HPS-1 4/0 x 20	4mm	25mm	2mm	250	100
260395	HPS-1 5/0 x 20	5mm	25mm	2mm	250	100
260347	HPS-1 5/5 x 25	5mm	30mm	5mm	200	100
260348	HPS-1 5/15 x 35	5mm	30mm	15mm	200	100
247850	HPS-1 5/15 x 35 bulk	5mm	30mm	15mm	2400	100
260349	HPS-1 6/5 x 30	6mm	40mm	5mm	150	100
230516	HPS-1 6/10 x 35	6mm	40mm	10mm	150	100
260350	HPS-1 6/15 x 40	6mm	40mm	15mm	150	100
247852	HPS-1 6/15 x 40 bulk	6mm	40mm	15mm	1350	100
260351	HPS-1 6/25 x 50	6mm	40mm	25mm	100	100
247853	HPS-1 6/25 x 50 bulk	6mm	40mm	25mm	900	100
260352	HPS-1 6/40 x 65	6mm	40mm	40mm	100	100
252804	HPS-1 6/40 x 65 bulk	6mm	40mm	40mm	900	100
260353	HPS-1 8/10 x 40	8mm	50mm	10mm	100	100
230518	HPS-1 8/20 x 50	8mm	50mm	20mm	50	100
260354	HPS-1 8/30 x 60	8mm	50mm	30mm	50	100
230519	HPS-1 8/40 x 70	8mm	50mm	40mm	50	100
260355	HPS-1 8/60 x 90	8mm	50mm	60mm	50	100
260356	HPS-1 8/80 x 110	8mm	50mm	80mm	50	100
COUNTERSUNK HEAD						
260375	HPS-1 5/15 S x 35	5mm	30mm	15mm	200	100
230529	HPS-1 5/30 S x 50	5mm	30mm	30mm	150	100
STAINLESS STEEL PIN						
260357	HPS-1 R 5/5 x 25	5mm	30mm	5mm	200	100
260358	HPS-1 R 5/15 x 35	5mm	30mm	15mm	200	100
260360	HPS-1 R 6/15 x 40	6mm	40mm	15mm	100	100
260361	HPS-1 R 6/25 x 50	6mm	40mm	25mm	100	100

For firm tightening or removal of HPS-1 use a Pozidrive No. 2 Screwdriver