

Product Data Sheet



Suitable for P1000, P2000 & P3270

Z.P/HDG FINISH MILD STEEL in 2.5mm Channel

Size	Type	Thickness (mm)	Torque (Nm)	Slip Load	Pull Out Load
				in PG/HG Channel	
M6	PNP	6	12 Nm	0.44kN	4.20kN
	PNL/S			(44.8Kg)	(428Kg)
M8	PNP	6	28 Nm	1.40kN	4.70kN
	PNL/S			(142.8Kg)	(479.4Kg)
M10	PNP	8	55 Nm	3.00kN	6.00kN
	PNL/S			(306Kg)	(612Kg)
M12A	PNP	8	60 Nm	1.7kN	6.00kN
	PNL/S			(173.4Kg)	(612Kg)
M12	PNP	11.25	70 Nm	3.50kN	8.00kN
	PNL/S			(357Kg)	(816Kg)
M16	PNP	12	125 Nm	6.16kN	10.3kN
				(628Kg)	(1050Kg)

STAINLESS STEEL in 2.5mm Channel

Size	Type	Thickness (mm)	Torque (Nm)	Slip Load	Pull Out Load
				in SS Channel	
M6	PNP	6	6.5 Nm	0.17kN	2.20kN
	PNL/S			(17.34Kg)	(224.4Kg)
M8	PNP	6	16 Nm	0.44kN	3.97kN
	PNL/S			(44.8Kg)	(404.4Kg)
M10	PNP	8	31.5 Nm	1.05kN	6.00kN
	PNL/S			(107.1Kg)	(612Kg)
M12A	PNP	9	55 Nm	1.49kN	6.00kN
	PNL/S			(151.9Kg)	(612Kg)
M16	PNP	12	125 Nm	TBA	TBA

Part Numbers as follows:-

Part	Size
PNL06**	M6
PNL08**	M8
PNL10**	M10
PNL12**	M12
PNL16**	M16

(** Denotes finish e.g. PNL06HG for Hot Dip Galvanized. For other finishes see 'Finishes' below)

Application:

Unistrut 6, 8, 10 & 12mm fixing nut with long spring for use within 41mm deep channel section. PNL** Sprung Nuts use PNP Plain Nuts with a Long Spring fitted.

Fixings:

All Unistrut fixing nuts are to - BSEN 10025 S275 (except Stainless Steel see below)

Material:

Mild Steel

- Nut :- BSEN 10025 S275 or GB/T 700 Q235
- Spring :- BS EN 10244 SPRING STEEL WIRE

Stainless Steel (SS)

- Nut :- Stainless Steel to BS EN10088-2-1.4404+1D
- Spring :- Stainless Steel to BS EN10088-2-1.4404+1D

Finishes:

- HG Hot Dip Galvanized - Process in accordance with BS EN ISO 1461
- ZP Zinc Plated to BS3382 OR BS EN12329 Fe//Zn5//A
- SS Stainless Steel - Grade 1.4404 (316L)

PNL12HG or ZP are additionally Case Hardened

UNISTRUT HEALTH & SAFETY DATA SHEET REF'S :

No. 001 - PLAIN STEEL, PRE-GALVANIZED, GALVANIZED AND STAINLESS STEEL COMPONENTS
No. 099 - HOT DIP GALVANIZING (CHANNEL & COMPONENTS)
No. 102 - STEEL