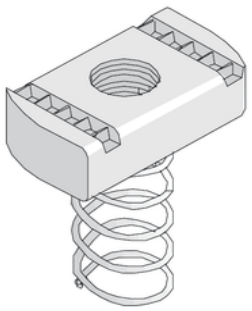
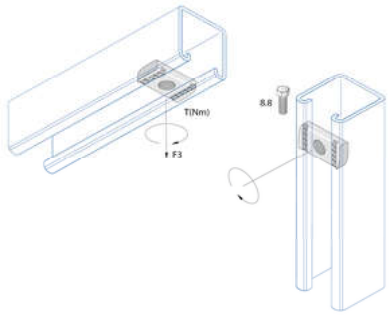
UNISTRUT®

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

STAINLESS STEEL in 2.5mm Channel

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