PROFAST®
INDUSTRIAL FASTENING SOLUTIONS

Thread Rolling Screw

Description

Thread rolling hex washer head screw - Steel

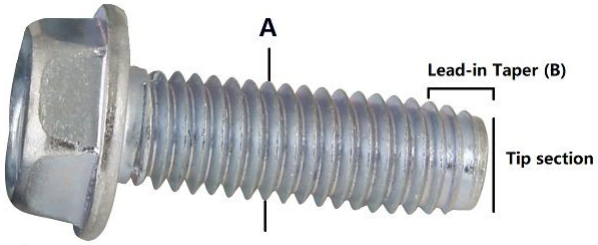
These thread rolling screws are used to create strong, uniform load carrying internal threads into untapped materials upon installation. Assembly efficiency and joint performance along with lower in-place fastening cost, are just some of the benefits of using thread rolling screws.

These are a generic alternative to TAPTITE® & TRILOBULAR® Screws.

These thread rolling screws drive easier than other thread-forming screws, and with uniform torque. They are self-locking and vibration-resistant along the entire length of the thread.

Material Steel AISI 1022 (Grade 8.8)
Finish Zinc

Specifications



General Data

Nominal size	Screw body dimensions (mm)				Screw Point
	Main body diameter (A)		Lead in taper (~3 lead threads) (B)		Tip section
	Max	Min.	Max.	Min.	Max.
M8 x 1.25	8.15	7.95	7.90	7.70	7.25
M10 x 1.50	10.20	9.95	9.90	9.65	9.10

Application Duty Class	Light - 0.3 Diameter of Material		Medium/Light - 0.5 Diameter of Material		Medium/Heavy - 0.75 Diameter of Material		Full Strength - 1.0 Diameter of Material		Extended - 1.25 Diameter of Material	
Nominal size	Material Thickness	Pilot Hole	Material Thickness	Pilot Hole	Material Thickness	Pilot Hole	Material Thickness	Pilot Hole	Material Thickness	Pilot Hole
M8 x 1.25	1.6 - 3.1	7.27	3.1 - 4.9	7.31	4.6 - 6.9	7.35	6.9 - 8.9	7.40	8.9 - 10.9	7.43
M10 x 1.50	1.9 - 3.9	9.12	3.9 - 5.9	9.17	5.9 - 8.3	9.22	8.3 - 10.9	9.27	10.9 - 12.9	9.32
Percentage of Thread	90%		85%		80%		75%		70%	

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Dimensions and specifications are subject to change without notice.
Check your distributor for the latest data sheet

As this data is based on multiple tests in various thicknesses, we recommend testing the fastener in your application when an exact strength figure is required, or the load to be applied comes close to the published data

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