

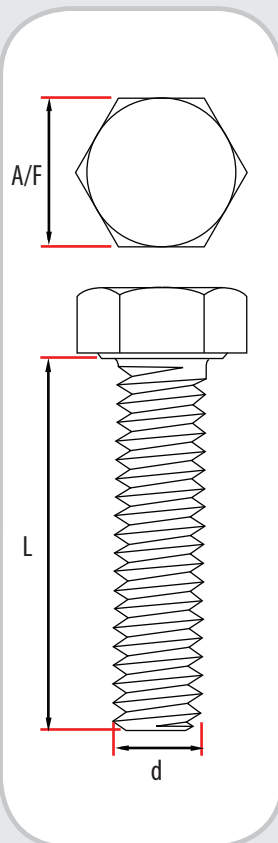


Product Information

- Conforms to DIN933 (ISO 4017)
- Grade 8.8 Steel
- High Tensile
- Metric thread

Key Features

- Hex Head
- Zinc plated (Cr3) and passivated (3-5 microns)
- Fully threaded



L - Length
 d - Thread diameter
 A/F - Across Flats

Technical Data

TIMco Code	Thread Ø x Length d x L (mm)	Ultimate Tensile Strength* (N/mm ²)	Yield # (N/mm ²)	Thread Pitch (Coarse)	Ultimate Load (kN)	Ultimate load (Kgf)	Shear - 60% of Ultimate (kN)
M6	M6 x L	800	640	1	16.1	1641	9.66
M8	M8 x L	800	640	1.25	29.2	2986	17.52
M10	M10 x L	800	640	1.5	46.4	4730	27.84
M12	M12 x L	800	640	1.75	67.4	6874	40.44
M16	M16 x L	800	640	2	125	12780	75
M20	M20 x L	830	640	2.5	203	19969	121.8

Additional Data

Set Screw Gauge (mm)	6	8	10	12	16	20
A/F Socket Size (mm)	10	13	17	19	24	30

* **Ultimate tensile strength (UTS)**

Can be defined as the maximum amount of tensile stress that a component can withstand before it fractures.

Yield (or yield point)

Can be defined as the maximum amount of tensile stress that a component can withstand before it begins to exhibit permanent deformation on release of the stress applied.

Applications

