



Compass  
Fasteners  
Pvt. Ltd.



# About us

We at Compass Fasteners Pvt. Ltd. manufacturer of fasteners made from austenitic stainless steel. Available in various sizes.

**COMPASS FASTENERS PRIVATE LIMITED** is a Baroda based company working towards excellence in the Factory and Manufacturing, and believe in pursuing business through innovation and technology. Our team comes with several years of industry experience, and comprise of a highly motivated set of specialists. We are an experienced, dedicated and energetic team, cognizant of the market and our customer's requirements. Keep scrolling to know more about our offerings and hear from our happy clients!

Brand Name

CPL

Stainless steel are basically 5 types,

- Austenitic
- Martensitic
- Ferritic
- Duplex
- Precipitation Hardening

Applications

## A2 (Stainless Steel 304)

Food processing equipment, Rainwater goods, Architecture, Hospital Equipment, Dairy equipment, Heat exchangers, Brewing equipment, Bulk milk coolers, Refrigeration equipment, Evaporators, Kitchen equipment etc.

Applications

## A4 (Stainless Steel 316)

Exterior applications, Marine conditions, Chemical processing, Textile manufacture, Pulp and paper equipment, photographic developing, Sewerage / effluent plants, Pumping stations, Dyeing equipment, Sugar mills, Mining equipment.





## DIN 933, M10 x 60, A2-70

- DIN933** = Hexagonal bolt  
**M** = Metric ISO thread  
**10** = d... thread diameter of bolt of 10 mm  
**X 60** = l...nominal length in mm  
**A** = Austenitic steel (300 series)  
**2** = Cold formed steel containing chromium and nickel (known as 304)  
**4** = Cold formed stainless steel containing chromium, nickel and molybdenum (known as 316)  
 Indicates the strength (property class)  
**70** = 1/10 of the tensile strength min 700 MPa (approx. 10100 psi)

### Common Stainless Steel Head Markings and Strengths

Grade	Property Class	Tensile Strength Rm. MPa (N/mm <sup>2</sup> ) min	Yield Stress Rm. MPa (N/mm <sup>2</sup> ) min	Elongation
A2 & A4	50	500	210	0.6d
A2 & A4	70	700	450	0.4d

#### Points to note

- Product markings are not uniform over all stainless fasteners
- A2 and A4 may be replaced with 304 and 316 respectively

## Product Guide

Product	Size Range			
	Metric		Inch	
	Diameter	Length	Diameter	Length
Hex Head Bolts	M6	15 to 100 mm	1/4"	1/4" to 4"
	M8	15 to 100 mm	5/16"	1/4" to 4"
	M10	15 to 150 mm	3/8"	1/4" to 6"
	M12	15 to 150 mm	1/2"	1/4" to 6"
Socket Head Cap Screws	M6	15 to 50 mm	1/4"	1/4" to 2"
	M8	15 to 50 mm	5/16"	1/4" to 2"
Hex Nut	M6 to M12	-	-	-

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