

## FEATURES

- Provide safety, reliability and are cost effective

# RS PRO M8 x 16mm Shoulder Bolt

RS Stock No.: 292-316



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

These hexagon socket shoulder screws feature a small cylindrical head with tall vertical sides. The socket screws are ideal when you have less room for wrenches. They have tall vertical sided means they also have space saving advantages.

Our RS Pro metric threaded socket head shoulder screws are produced in 12.9 grade black, self-colour steel.

### General Specifications

<b>Head Shape</b>	Hex Socket Shoulder
<b>Material</b>	Steel
<b>Finish</b>	Plain
<b>Thread Type</b>	Metric
<b>Applications</b>	Manufacturing and repair of vehicles, Machine tooling, Machine production, Repair and general engineering, Domestic, Constructio,n industry

### Mechanical Specifications

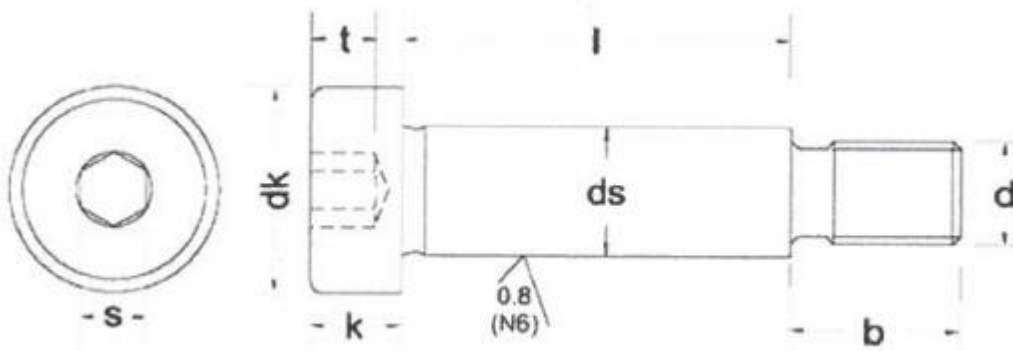
<b>Thread Size</b>	M8
<b>Thread Pitch</b>	1.25mm
<b>Thread Length</b>	13.25mm to 12.75mm
<b>Length</b>	16mm
<b>Nominal Diameter</b>	10mm
<b>Shoulder Diameter</b>	16mm
<b>Shoulder Length</b>	10mm
<b>Head Diameter</b>	16.27mm to 15.73mm
<b>Head Height</b>	7mm to 6.78mm

## Approvals

### Compliance/Certifications

Din 912/ISO 7380 standard





	6mm	8mm	10mm	12mm	l			
<b>ds</b>	Nominal	6	8	10	12	Nominal	Min	Max
	Max	5.990	7.987	9.987	11.984	10	10	10.25
	Min	5.960	7.951	9.951	11.941	12	12	12.25
<b>d</b>	M5	M6	M8	M10	16	16	16.25	
<b>Pitch</b>	0.8	1	1.25	1.5	20	20	20.25	
<b>dk</b>	Max	10.22	13.27	16.27	18.27	25	25	25.25
	Min	9.78	12.73	15.73	17.73	30	30	30.25
<b>k</b>	Max	4.5	5.5	7	8	40	40	40.25
	Min	4.32	5.32	6.78	7.78	50	50	50.25
<b>s</b>	Nominal	3	4	5	6	60	60	60.25
	Max	3.02	4.095	5.095	6.02			
	Min	3.08	4.02	5.02	6.095			
<b>t</b>	Min	2.4	3.3	4.2	4.9			
<b>b</b>	Max	9.75	11.25	13.25	16.40			
	Min	9.25	10.75	12.75	15.60			

## Please view our full range listing below

RS Stock No	Size (mm)	RS Stock No	Size (mm)
292271	6mm (M5) x 10	292338	10mm (M8) x 25
399161	6mm (M5) x 12	292344	10mm (M8) x 30
399167	6mm (M5) x 16	292350	10mm (M8) x 40
292287	6mm (M5) x 20	292366	10mm (M8) x 60
399177	6mm (M5) x 30	292372	12mm (M10) x 16
399173	8mm (M6) x 12	8229316	12mm (M10) x 20
292293	8mm (M6) x 16	292388	12mm (M10) x 25
292300	8mm (M6) x 20	292394	12mm (M10) x 30
1247266	8mm (M6) x 50	292401	12mm (M10) x 40
1247267	10mm (M8) x 12	8229319	12mm (M10) x 50
292316	10mm (M8) x 16	292417	12mm (M10) x 60
292322	10mm (M8) x 20		