

FEATURES

- Provide safety, reliability and are cost effective

RS PRO M6 x 12mm Shoulder Bolt

RS Stock No.: 399-173



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

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

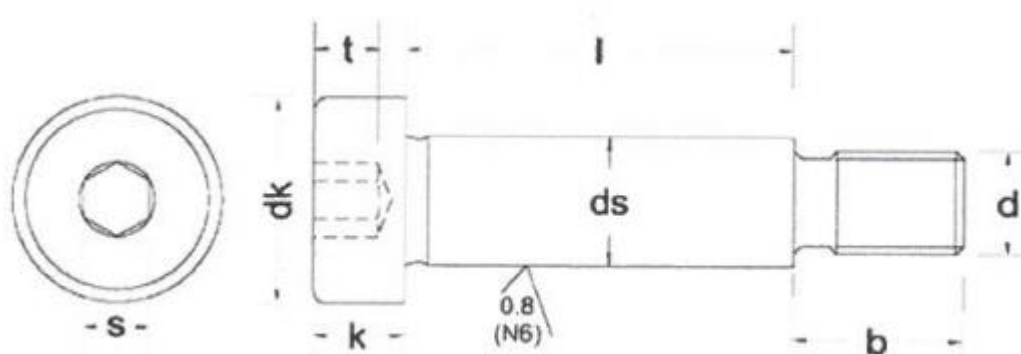
Mechanical Specifications

Thread Size	M6
Thread Pitch	1mm
Thread Length	10.75mm to 11.25
Length	12mm
Nominal Diameter	8mm
Shoulder Diameter	8mm
Shoulder Length	12mm
Head Diameter	12.73mm to 13.27mm
Head Height	5.32mm to 5.5mm

Approvals

Compliance/Certifications

Din 912/ISO 7380 standard



	6mm	8mm	10mm	12mm	l			
ds	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
d	M5	M6	M8	M10	16	16	16.25	
Pitch	0.8	1	1.25	1.5	20	20	20.25	
dk	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
k	Max	4.5	5.5	7	8	40	40	40.25
	Min	4.32	5.32	6.78	7.78	50	50	50.25
s	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			
t	Min	2.4	3.3	4.2	4.9			
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		