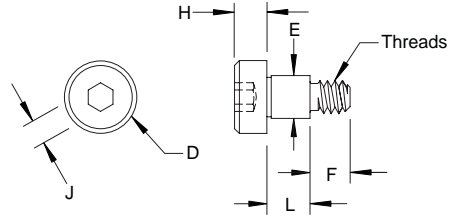


# Precision Shoulder Screw

Precision Socket Head Shoulder Screw  
Inch

Sample Part Number

1/8 x 3/16 - 1032 x 1/4 - SOC - CAP - PSHLD - SC - ALY - Z  
 Shoulder Diameter Code    Shoulder Length Code    Thread Code    Length Code    Drive Code    Series    Material    Finish



E Shoulder Diameter Code	E Shoulder Diameter	Thread	Thread Code	D Head Diameter	H Height	F Thread Length	J Drive Hex
1/8	.124	4 - 40	440	1/4	1/8	5/32	5/64
5/32	.156	6 - 32	632	9/32	1/8	3/16	5/64
3/16	.187	8 - 32	832	5/16	5/32	3/16	3/32
1/4	.249	10 - 32	1032	3/8	3/16	1/4	1/8
5/16	.312	1/4 - 20	2520	7/16	7/32	3/8	5/32
3/8	.374	5/16 - 18	3118	1/2	1/4	4/16	5/32
1/2	.495	3/8 - 16	3716	5/8	1/16	1/2	3/16

Custom sizes available.

Material	Description
STL	Steel
SS	300 Series Stainless Steel
S4	400 Series Stainless Steel

Finish	Description
Z - BLK	Zinc Black
Z	Zinc Clear

Other finishes available.

Drive	Description
	SOC    Hex Socket

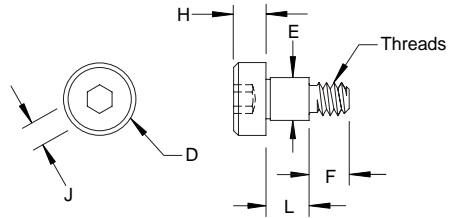
L Shoulder Length Code	L Shoulder Length	4 - 40	6 - 32	8 - 32	10 - 32	1/4 - 20	5/16 - 18	3/8 - 16
1/8	.125							
3/16	.188							
1/4	.250							
5/16	.313							
3/8	.375							
1/2	.500							
9/16	.562							
5/8	.625							
3/4	.750							
7/8	.875							
1	1.000							
1.250	1.250							
1.375	1.375							
1.500	1.500							

# Shoulder Screw

Precision Shoulder Screw Socket Head  
Metric

Sample Part Number

3.18 x 3.96 - M3 x 4 - PH - SOC - CAP - PSHLD - SC - ALY - Z  
 Shoulder Length Shoulder Diameter Thread Thread Drive Series Material Finish



Thread	H Height ±0.25	D Head Diameter ±0.1	F Thread Length ±0.13	E Basic Shoulder Diameter +.000 -.026	J Drive Hex + .053 -.000
M3 x 0.5	3.18	6	4	3.16	2
M3.5 x 0.6	3.18	7	4.75	3.96	2.5
M4 x 0.7	3.96	8	4.75	4.75	2.5
M5 x 0.8	4.8	10	6.3	6.34	3
M6 x 1	5.5	11	9.4	7.93	4
M6 x 1	9.51	13	9.4	9.51	4

Custom sizes available.

Material	Description
ALY	Alloy Steel
SS	18 - 8 Stainless Steel

Finish	Description
Z - BLK	Zinc Black
Z	Zinc Clear

Other finishes available.

Drive	Description
	SOC Hex Socket

L Shoulder Length	M3 x 0.5	M3.5 x 0.6	M4 x 0.7	M5 x 0.8	M6 x 1
3.18					
4.76					
6.35					
7.94					
9.52					
11.11					
12.70					
14.29					
15.87					
17.46					
19.05					
22.22					
25.40					