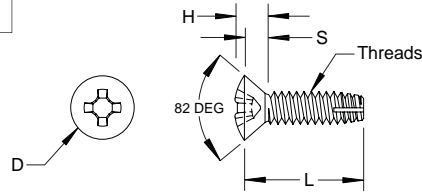


# Machine Screw, Thread Cutting

Oval Head  
Inch - Type 1

Sample Part Number

6 - 32 x 1/2 PH - OVAL - 1 - STL - Z  
Thread Length Drive Series Material Finish



Thread	H Total Head Height	S Head Side Height REF	D Head Diameter	Drive Size Cross Recess
2 - 56	.080 / .063	.051	.172 / .147	1
4 - 40	.104 / .084	.067	.225 / .195	1
6 - 32	.128 / .105	.083	.279 / .244	2
8 - 32	.152 / .126	.100	.332 / .292	2
10 - 32	.176 / .148	.116	.385 / .340	2
1/4 - 20	.232 / .197	.153	.507 / .452	3

Custom sizes available.

Length	L
3/16	.187 / .167
1/4	.250 / .230
5/16	.313 / .293
3/8	.375 / .355
7/16	.438 / .418
1/2	.500 / .480
9/16	.563 / .533
5/8	.625 / .595
3/4	.750 / .720
7/8	.875 / .845
1	1.000 / .970
1.25	1.250 / 1.190
1.5	1.500 / 1.440
1.75	1.750 / 1.690
2	2.000 / 1.940

Material	Description
STL	Low Carbon Steel
SS	18 - 8 Stainless Steel

Finish	Description
Z - BLK	Zinc Black
Z	Zinc Clear

Other finishes available.

Drive	Description
	PH Cross Recess
	SL Slotted
	SL - PH Slotted - Cross Recess

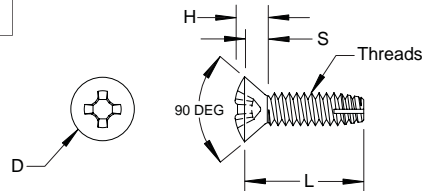
# Machine Screw, Thread Cutting

Oval Head  
Metric - Type 1

Sample Part Number

M4 x 10MM PH - OVAL - 1 - STL - Z  
Thread Length Drive Series Material Finish

ASME B18.6.5M\*\*



Thread	H Head Height MAX	D Head Diameter	S Head Side Height MAX / REF	Drive Size * Cross Recess
M2 x 0.4	0.5	3.8 / 3.5	1.2	0
M2.5 x 0.45	0.6	4.7 / 4.4	1.5	1
M3 x 0.5	0.7	5.5 / 5.2	1.7	1
M3.5 x 0.6	0.8	7.3 / 6.9	2.3	2
M4 x 0.7	1.0	8.4 / 8.0	2.7	2
M5 x 0.8	1.2	9.3 / 8.9	2.7	2
M6 x 1	1.4	11.3 / 10.9	3.3	3
M8 x 1.25	2.0	15.8 / 15.4	4.6	4
M10 x 1.5	2.3	18.3 / 17.8	5.0	4

Custom sizes available.

Length	L
4	4.0 / 3.2
5	5.0 / 4.2
6	6.0 / 5.2
8	8.0 / 7.2
10	10.0 / 9.2
12	12.0 / 11.2
16	16.0 / 15.2
20	20.0 / 19.2
25	25.0 / 23.8
30	30.0 / 28.8
35	35.0 / 33.8
40	40.0 / 38.8
45	45.0 / 43.5

Material	Description
STL	Low Carbon Steel
SS	18 - 8 Stainless Steel

Finish	Description
Z - BLK	Zinc Black
Z	Zinc Clear

Other finishes available.

Drive	Description
	PH Cross Recess
	SL Slotted
	SL - PH Slotted - Cross Recess
	PZ * Pozi

\* Same size for POZI Drive

\*\* EN ISO 7051 / 1483 has slightly tighter tolerances.  
Contact Pencom for more information.