

Standard Taps--High Speed Steel Machine Screw Sizes

Machine screw taps are basically the same as hand taps and can be used wherever hand taps are applicable. The major difference between the two is the method of designation. Machine screw taps are identified by size using numbers #0 through #12 instead of fractions. Each number starting with #0 increases the nominal diameter 0.013 inches to the next consecutive size. The term "hand tap" is typically used to denote a fractional tap size. Although the name implies a hand operation, it is found in common use on all production machines. Taps with a taper chamfer are useful in starting a tapped thread square with the part. The plug chamfered tap, however, is the most widely used tap in both hand and production tapping.



Tap Description	Plug	Bottom	Taper	Price
0-80 H1 2FL	116520	116531	116543	16.75
0-80 H2 2FL	116567	116579	-----	16.75
1-64 H1 2FL	116646	116658	116660	15.52
1-64 H2 2FL	116683	-----	-----	15.52
1-72 H1 2FL	116750	116762	116774	15.52
1-72 H2 2FL	116786	116798	-----	15.52
2-56 H1 2FL	116877	116889	-----	14.42
2-56 H2 2FL	116890	116907	-----	14.42
2-56 H1 3FL	116932	116944	116956	14.42
2-56 H2 3FL	116970	116981	116993	13.35
2-64 H2 3FL	117080	117092	117109	14.42
3-48 H2 2FL	117195	117201	-----	11.59
3-48 H1 3FL	117237	-----	-----	10.27
3-48 H2 3FL	117250	117262	117274	10.27
3-56 H1 3FL	117353	-----	-----	11.48
3-56 H2 3FL	117377	117389	117390	11.48
4-40 H1 2FL	117560	-----	-----	10.13
4-40 H2 2FL	117572	117584	-----	9.06
4-40 H3 2FL	117596	117602	-----	9.06
4-40 H1 3FL	117638	117640	117651	9.06
4-40 H2 3FL	117675	117687	117699	8.42
4-48 H1 3FL	117845	-----	-----	9.48
4-48 H2 3FL	117857	117869	117870	9.06
5-40 H2 2FL	117950	117961	-----	9.06
5-40 H1 3FL	117997	118000	118011	9.06
5-40 H2 3FL	118035	118047	118059	8.42
5-44 H2 3FL	118230	118242	118254	9.06
6-32 H1 2FL	118310	-----	-----	7.92
6-32 H2 2FL	118321	118333	-----	7.92
6-32 H3 2FL	118345	118357	-----	6.80
6-32 H1 3FL	118382	118394	118400	7.92
6-32 H2 3FL	118424	118436	118448	6.80
6-32 H3 3FL	118461	118473	118485	6.39
6-32 H7 3FL	118503	118515	-----	7.92



Telephone 800-258-7162 or 603-332-9000
Fax 1-603-332-8069

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Tap Description	Plug	Bottom	Taper	Price
6-40 H2 2FL	118710	-----	-----	7.92
6-40 H1 3FL	118734	-----	-----	7.92
6-40 H2 3FL	118746	118758	118760	6.80
8-32 H1 2FL	118850	-----	-----	7.92
8-32 H2 2FL	118862	118874	-----	7.92
8-32 H3 2FL	118886	118898	-----	6.80
8-32 H2 3FL	118941	118953	-----	7.92
8-32 H3 3FL	118965	118977	-----	6.80
8-32 H7 3FL	118989	118990	-----	7.92
8-32 H1 4FL	119015	119027	119039	7.92
8-32 H2 4FL	119052	119064	119076	6.80
8-32 H3 4FL	119090	119106	119118	6.64
8-32 H7 4FL	119131	119143	-----	7.92
8-36 H1 4FL	119386	-----	-----	7.92
8-36 H2 4FL	119398	119404	119416	6.80
10-24 H2 2FL	119490	119507	-----	7.92
10-24 H3 2FL	119519	119520	-----	7.08
10-24 H2 3FL	119556	-----	-----	7.92
10-24 H3 3FL	119568	119570	-----	7.08
10-24 H7 3FL	119581	119593	-----	7.92
10-24 H1 4FL	119623	119635	119647	7.08
10-24 H2 4FL	119660	119672	119684	7.08
10-24 H3 4FL	119702	119714	119726	6.80
10-24 H7 4FL	119740	119751	-----	7.92
10-32 H1 2FL	119970	119982	-----	7.92
10-32 H2 2FL	119994	120005	-----	7.92
10-32 H3 2FL	120017	120029	-----	7.08
10-32 H2 3FL	120078	120080	-----	7.92
10-32 H3 3FL	120091	120108	-----	7.08
10-32 H7 3FL	120110	120121	-----	7.92
10-32 H1 4FL	120157	120169	120170	7.08
10-32 H2 4FL	120194	120200	120212	7.08
10-32 H3 4FL	120236	120248	120250	6.80
10-32 H7 4FL	120273	120285	-----	7.92
12-24 H3 4FL	120522	120534	120546	7.21
12-28 H1 4FL	120674	-----	-----	8.42
12-28 H3 4FL	120704	120716	120728	7.92