

HSS Tool Steel Taps

High Speed Steel (HSS) Taps last longer than carbon steel taps and cut a broader variety of metals, including: carbon steel; low-alloy steel; 300-series stainless steel; aluminum; copper; brass; bronze; and more. Using tapping fluid is always recommended.

- Molybdenum Rich Tool Steel - delivers longer life and stronger torsion strength to resist breaking
- Spiral Point - applied to all sizes of PLUG taps to push cuttings ahead of the tap
- Precision Ground Threads - ASME B94.9, Thread Class Limits: H2 (#6, 8, 10), H3 (≥ #12), D4 (4&5mm), D6 (≥ 6mm)
- Tri-Paks (1ea Taper/Plug/Bottom) available in USS (Coarse) / SAE (Fine)



Machine Screw Sizes, Imperial (USS/SAE) & Metric

USS/SAE Sizes	Taper Taps	Plug Taps	Bottoming	Drill Size	Tap Length	Tri-Paks
#6-32	PM08230002	PM08230102	PM08230202	#36	2"	PM08230802
#8-32	PM08230003	PM08230103	PM08230203	#29	2-1/8"	PM08230803
#10-24	PM08230004	PM08230104	PM08230204	#25	2-3/8"	PM08230804
#10-32	PM08230302	PM08230402	PM08230502	#21	2-3/8"	PM08230805
#12-24	PM08230005	PM08230105	PM08230205	#17	2-3/8"	PM08230806
1/4"-20	PM08230006	PM08230106	PM08230206	#8	2-1/2"	PM08230807
1/4"-28	PM08230303	PM08230403	PM08230503	#3	2-1/2"	PM08230808
5/16"-18	PM08230007	PM08230107	PM08230207	F	2-3/4"	PM08230809
5/16"-24	PM08230304	PM08230404	PM08230504	1	2-3/4"	PM08230810
3/8"-16	PM08230008	PM08230108	PM08230208	5/16"	3"	PM08230811
3/8"-24	PM08230305	PM08230405	PM08230505	Q	3"	PM08230812
7/16"-14	PM08230009	PM08230109	PM08230209	U	3-5/32"	PM08230813
7/16"-20	PM08230306	PM08230406	PM08230506	W	3-5/32"	PM08230814
1/2"-13	PM08230010	PM08230110	PM08230210	27/64"	3-3/8"	PM08230815
1/2"-20	PM08230307	PM08230407	PM08230507	29/64"	3-3/8"	PM08230816
5/8"-11	PM08230011	PM08230111	PM08230211	17/32"	3-13/16"	****
5/8"-18	PM08230308	PM08230408	PM08230508	9/16"	3-13/16"	****
11/16-16	PM08230012	PM08230115	PM08230212	5/8"	4-1/32"	****
11/16-11	PM08230013	PM08230116	PM08230213	19/32"	4-1/32"	****
3/4-16	PM08230014	PM08230117	PM08230214	11/16"	4-1/4"	****
3/4-10	PM08230015	PM08230118	PM08230215	21/32"	4-1/4"	****
7/8-14	PM08230016	PM08230119	PM08230216	13/16"	4-11/16"	****
7/8-9	PM08030017	PM08230120	PM08230217	49*64"	4-11/16"	****
1-14	PM08230018	PM08230121	PM08230218	15/16"	5-1/8"	****
1-8	PM08230019	PM08230122	PM08230219	7/8"	5-1/8"	****
1-12	PM08230020	PM08230123	PM08230220	59/64"	5-1/8"	****
1-1/8-12	PM08230021	PM08230124	PM08230221	1-3/64"	5-7/16"	****
1-1/8-7	PM08230022	PM08230125	PM08230222	63/64"	5-7/16"	****
1-1/4-12	PM08230023	PM08230126	PM08230223	1-11/16"	5-3/4"	****
1-1/4-7	PM08230024	PM08230127	PM08230224	1-7/64"	5-3/4"	****
1-3/8-12	PM08230025	PM08230128	PM08230225	1-19/64"	6-1/16"	****
1-3/8-6	PM08230026	PM08230129	PM08230226	1-7/32"	6-1/16"	****
1-1/2-12	PM08230027	PM08230130	PM08230227	1-27/64"	6-3/8"	****
1-1/2-6	PM08230028	PM08230131	PM08230228	1-11/32"	6-3/8"	****

Metric Sizes	Taper Taps	Plug Taps	Bottoming	Drill Size	TAP Length
M2.5-.45	PM08230636	PM08230609	PM08230620	2.05mm	1-7/8"
M3-.50	PM08230637	PM08230610	PM08230621	2.5mm	2"
M3.5-6		PM08230611		2.9mm	2"
M4-.7	PM08230638	PM08230602	PM08230622	3.3mm	2-1/8"
M4.5-.75		PM08230612		3.75mm	2-1/8"
M5-.80	PM08230639	PM08230603	PM08230623	4.2mm	2-3/8"
M6-1.0	PM08230640	PM08230604	PM08230624	5mm/#9	2-1/2"
M7-1.0	PM08230641	PM08230613	PM08230625	6mm/15/64"	2-1/2"
M8-1.25	PM08230642	PM08230605	PM08230626	6.7mm/H	2-7/8"
M10-1.25	PM08230643	PM08230606	PM08230627	8.75mm/11/32"	3"
M10-1.50	PM08230644	PM08230607	PM08230628	8.5mm/Q	3"
M12-1.25	PM08230645	PM08230614	PM08230629	10.5mm/13/32"	3-3/8"
M12-1.75	PM08230646	PM08230608	PM08230630	10mm/X	3-3/8"
M14-1.50	PM08230647	PM08230615	PM08230631	12.5mm/1/2"	3-1/2"
M14-2.0	PM08230648	PM08230616	PM08230632	12mm/15/32"	3-1/2"
M16-1.50	PM08230649	PM08230617	PM08230633	37/64"	3-3/4"
M16-2.0	PM08230650	PM08230618	PM08230634	35/64"	3-3/4"
M18-1.50	PM08230651	PM08230619	PM08230635	21/32"	4-1/4"

PIPES TAPS, NPT

NPT Size	Code #	Drill Size
1/8"-27	PM08230702	R
1/4"-18	PM08230703	7/16"
3/8"-18	PM08230704	37/64"
1/2"-14	PM08230705	23/32"
3/4"-14	PM08230706	59/64"
1"-11-1/2	PM08230707	1-5/32"
1-1/4"-11/12	PM08230708	1-1/2"
1-1/2"-11/12	PM08230709	1-3/4"
2-11/12	PM08230711	2-7/32"

TAP & DRILL ASSORTMENTS

Code #	Description
PM99962870	Metal Index, HSS Tap & Cryobits, 18 pc Set, 6-32, 8-32, 10-24, 10-32, 1/4"-20, 5/16"-18, 3/8"-16, 7/16"-14, 1/2"-13
PM99900009	Plastic Pouch, HSS Taps & Cryobits, 10 pc Set, 6-32, 8-32, 10-24, 10-32 & 1/4"-20
PM08230710	Pipe Tap Assortment in Mobile Tray 6 pc Set, 1/8" to 1" NPT

PM9996-2870



PM99900009



PM08230710



TAP & DIE ASSORTMENTS

Code #	Description
PM08230828	(8) Taps M3-.5 (CTS), M4-.7, M5-.8, M6-1, M8-1.25, M10-1.25, M10-1.5, M12-1.75 (11) Hex Dies USS: 6-32, 8-32, 10-24, 10-32, 12-24, 1/4"-20, 5/16"-18, 3/8"-16, 7/16"-14, 1/2"-13, 1/8NPT
PM08230829	(8) Taps M3-.5 (CTS), M4-.7, M5-.8, M6-1, M8-1.25, M10-1.25, M10-1.5, M12-1.75 (11) Hex Dies USS: 6-32, 8-32, 10-24, 10-32, 12-24, 1/4"-20, 5/16"-18, 3/8"-16, 7/16"-14, 1/2"-13, 1/8NPT

PM08230828



PM08230829

