

Taps - Straight Flute Taps (Hand/Short Machine)

Metric - ISO Dimensions, HSS Material - 4H5H Tolerance



METRIC COARSE			METRIC MEDIUM			METRIC FINE		
Thread Size	Part No.	Type	Thread Size	Part No.	Type	Thread Size	Part No.	Type
M2 - 0.4	45024	TAPER						
	45025	INTER						
	45026	BOTT						
M2.2 - 0.45	45014 ▲	TAPER						
	45015	INTER						
	45016	BOTT						
M2.5 - 0.45	45254	TAPER						
	45255	INTER						
	45256	BOTT						
M3 - 0.5	45034	TAPER						
	45035	INTER						
	45036	BOTT						
M3.5 - 0.6	45354	TAPER						
	45355	INTER						
	45356	BOTT						
M4 - 0.7	45044	TAPER						
	45045	INTER						
	45046	BOTT						
M5 - 0.8	45054	TAPER						
	45055	INTER						
	45056	BOTT						
M6 - 1	45064	TAPER						
	45065	INTER						
	45066	BOTT						
	45067	P/NOSE						
	45065LH	L/HAND						
M7 - 1	45074	TAPER						
	45075	INTER						
	45076	BOTT						
M8 - 1.25	45084	TAPER	M8 - 1	47084	TAPER	M8 - 0.75	48084 ▲	TAPER
	45085	INTER		47085	INTER		48085 ▲	INTER
	45086	BOTT		47086	BOTT		48086 ▲	BOTT
	45087	P/NOSE						
	45085LH	L/HAND						
M9 - 1.25	45094	TAPER	M9 - 1	47094 ▲	TAPER			
	45095	INTER		47095	INTER			
	45096 ▲	BOTT		47096	BOTT			
M10 - 1.5	45104	TAPER	M10 - 1.25	47104	TAPER	M10 - 1	48104	TAPER
	45105	INTER		47105	INTER		48105	INTER
	45106	BOTT		47106	BOTT		48106	BOTT
	45107	P/NOSE		47107	P/NOSE		48107	P/NOSE
	45105LH	L/HAND						
M11 - 1.5	45114	TAPER	M11 - 1.25	47114	TAPER	M11 - 1	48114	TAPER
	45115	INTER		47115	INTER		48115	INTER
	45116	BOTT		47116	BOTT		48116	BOTT

▲ Denotes non-popular parts - Price On Application. Minimum quantities and order values may apply.
 Only supplied in full reel quantities.
 Dry film lubing and plating available.

Taps - Straight Flute Taps (Hand/Short Machine)

Metric - ISO Dimensions, HSS Material - 4H5H Tolerance



METRIC COARSE			METRIC MEDIUM			METRIC FINE		
Thread Size	Part No.	Type	Thread Size	Part No.	Type	Thread Size	Part No.	Type
M12 - 1.75	45124	TAPER	M12 - 1.5	47124	TAPER	M12 - 1.25	48124	TAPER
	45125	INTER		47125	INTER		48125	INTER
	45126	BOTT		47126	BOTT		48126	BOTT
	45127	P/NOSE					48127	P/NOSE
	45125LH	L/HAND						
						M12 - 1	48124-1▲	TAPER
							48125-1	INTER
							48126-1▲	BOTT
M13 - 1.75	45135	INTER	M13 - 1.5	47135	INTER	M13 - 1.25	48135	INTER
M14 - 2	45144	TAPER	M14 - 1.5	47144	TAPER	M14 - 1.25	48144	TAPER
	45145	INTER		47145	INTER		48145	INTER
	45146	BOTT		47146	BOTT		48146	BOTT
							48147	P/NOSE
M15 - 2	45154▲	TAPER	M15 - 1.5	47154▲	TAPER			
	45155	INTER		47155	INTER			
	45156	BOTT		47156	BOTT			
M16 - 2	45164	TAPER	M16 - 1.5	47164	TAPER			
	45165	INTER		47165	INTER			
	45166	BOTT		47166	BOTT			
M18 - 2.5	45184	TAPER	M18 - 2	47184	TAPER	M18 - 1.5	48184	TAPER
	45185	INTER		47185	INTER		48185	INTER
	45186	BOTT		47186	BOTT		48186	BOTT
							48187	P/NOSE
M20 - 2.5	45204	TAPER	M20 - 2	47204	TAPER	M20 - 1.5	48204	TAPER
	45205	INTER		47205	INTER		48205	INTER
	45206	BOTT		47206	BOTT		48206	BOTT
M22 - 2.5	45224	TAPER	M22 - 2	47224▲	TAPER	M22 - 1.5	48224	TAPER
	45225	INTER		47225	INTER		48225	INTER
	45226	BOTT		47226▲	BOTT		48226	BOTT
M24 - 3	45244	TAPER	M24 - 2	47244	TAPER	M24 - 1.5	48244	TAPER
	45245	INTER		47245	INTER		48245	INTER
	45246	BOTT		47246	BOTT		48246	BOTT
						M26 - 1.5	48264▲	TAPER
							48265	INTER
							48266	BOTT
M27 - 3	45274	TAPER	M27 - 2	47274	TAPER	M27 - 1.5	48274▲	TAPER
	45275	INTER		47275	INTER		48275	INTER
	45276	BOTT		47276▲	BOTT		48276▲	BOTT
M30 - 3.5	45304	TAPER	M30 - 2	47304	TAPER	M30 - 1.5	48304	TAPER
	45305	INTER		47305	INTER		48305	INTER
	45306	BOTT		47306	BOTT		48306	BOTT
M30 - 3	45305-3	INTER						
M33 - 3.5	45334	TAPER	M33 - 2	47334▲	TAPER			
	45335	INTER		47335	INTER			
	45336	BOTT		47336	BOTT			
M36 - 4	45364▲	TAPER	M36 - 3	47364▲	TAPER	M36 - 1.5	48364▲	TAPER
	45365	INTER		47365	INTER		48365	INTER
	45366	BOTT		47366	BOTT		48366▲	BOTT
M39 - 4	45394▲	TAPER	M39 - 3	47394▲	TAPER	M39 - 2	48394▲	TAPER
	45395	INTER		47395	INTER		48395	INTER
	45396▲	BOTT		47396▲	BOTT		48396▲	BOTT
M42 - 4.5	45424▲	TAPER	M42 - 3	47424▲	TAPER	M42 - 2	48424▲	TAPER
	45425▲	INTER		47425▲	INTER		48425▲	INTER
	45426▲	BOTT		47426	BOTT		48426	BOTT
M42 - 4	45425-4▲	INTER						

Taps - Straight Flute & Spiral Point Taps (Machine)

Metric - ISO Dimensions, HSS Material - Spiral Flute & Spiral Point - 4H5H Tolerance



METRIC COARSE			METRIC MEDIUM			
Thread Size	Part No.	Type	Thread Size	Part No.	Type	
M2 - 0.4	45028	SP/POINT				
	45029	SP/FLUTE				
M2.2 - 0.45	45018	SP/POINT				
	45019	SP/FLUTE				
M2.5 - 0.45	45258	SP/POINT				
	45259	SP/FLUTE				
M3 - 0.5	45038	SP/POINT				
	45039	SP/FLUTE				
M3.5 - 0.6	45358	SP/POINT				
	45359	SP/FLUTE				
M4 - 0.7	45048	SP/POINT				
	45049	SP/FLUTE				
	45058	SP/POINT				
M5 - 0.8	45059	SP/FLUTE				
M6 - 1	45068	SP/POINT				
	45069	SP/FLUTE				
M8 - 1.25	45088	SP/POINT	M8 - 1	47088	SP/POINT	
	45089	SP/FLUTE		47089	SP/FLUTE	
M10 - 1.5	45108	SP/POINT	M10 - 1.25	47108	SP/POINT	
	45109	SP/FLUTE		47109	SP/FLUTE	
M12 - 1.75	45128	SP/POINT	M12 - 1.5	47128 ▲	SP/POINT	
	45129	SP/FLUTE		47129	SP/FLUTE	
M14 - 2	45148	SP/POINT	M14 - 1.5	47148	SP/POINT	
	45149	SP/FLUTE		47149	SP/FLUTE	
M16 - 2	45168	SP/POINT	M16 - 1.5	47168	SP/POINT	
	45169	SP/FLUTE		47169	SP/FLUTE	
M18 - 2.5	45188	SP/POINT				
	45189	SP/FLUTE				
M20 - 2.5	45208	SP/POINT				
	45209	SP/FLUTE				
M24 - 3	45248	SP/POINT				
	45249	SP/FLUTE				

▲ Denotes non-popular parts - Price On Application. Minimum quantities and order values may apply.

Taps - Straight Flute Taps (Hand/Short Machine)

Inch- ISO British Dimensions, ANSI / BS Dimensions, Other Sizes HSS Material - 3B Tolerance



UNC				BSW				UNF			
Thread Size	Part No.	Type		Thread Size	Part No.	Type		Thread Size	Part No.	Type	
#2 - 56	43524	TAPER		1/8 - 40	42024 ▲	TAPER					
	43525	INTER			42025	INTER					
	43526	BOTT			42026 ▲	BOTT					
#3 - 48	43534 ▲	TAPER						#3 - 56	44534 ▲	TAPER	
	43535	INTER							44535	INTER	
	43536 ▲	BOTT							44536 ▲	BOTT	
#4 - 40	43544	TAPER						#4 - 48	44544 ▲	TAPER	
	43545	INTER							44545	INTER	
	43546	BOTT							44546 ▲	BOTT	
#5 - 40	43554	TAPER									
	43555	INTER									
	43556	BOTT									
#6 - 32	43564	TAPER						#6 - 40	44564 ▲	TAPER	
	43565	INTER							44565	INTER	
	43566	BOTT							44566 ▲	BOTT	
#8 - 32	43584	TAPER						#8 - 36	44584 ▲	TAPER	
	43585	INTER							44585	INTER	
	43586	BOTT							44586 ▲	BOTT	
#10 - 24	43604	TAPER		3/16 - 24	42034	TAPER		#10 - 32	44604	TAPER	
	43605	INTER			42035	INTER			44605	INTER	
	43606	BOTT			42036	BOTT			44606	BOTT	
#12 - 24	43624	TAPER						#12 - 28	44624 ▲	TAPER	
	43625	INTER							44625	INTER	
	43626	BOTT							44626 ▲	BOTT	
1/4 - 20	43044	TAPER		1/4 - 20	42044	TAPER		1/4 - 28	44044	TAPER	
	43045	INTER			42045	INTER			44045	INTER	
	43046	BOTT			42046	BOTT			44046	BOTT	
5/16 - 18	43054	TAPER		5/16 - 18	42054	TAPER		5/16 - 24	44054	TAPER	
	43055	INTER			42055	INTER			44055	INTER	
	43056	BOTT			42056	BOTT			44056	BOTT	
3/8 - 16	43064	TAPER		3/8 - 16	42064	TAPER		3/8 - 24	44064	TAPER	
	43065	INTER			42065	INTER			44065	INTER	
	43066	BOTT			42066	BOTT			44066	BOTT	
7/16 - 14	43074	TAPER		7/16 - 14	42074	TAPER		7/16-20	44074	TAPER	
	43075	INTER			42075	INTER			44075	INTER	
	43076	BOTT			42076	BOTT			44076	BOTT	
1/2 - 13	43084	TAPER		1/2 - 12	42084	TAPER		1/2 - 20	44084	TAPER	
	43085	INTER			42085	INTER			44085	INTER	
	43086	BOTT			42086	BOTT			44086	BOTT	
9/16 - 12	43094	TAPER		9/16 - 12	42094 ▲	TAPER		9/16 - 18	44094	TAPER	
	43095	INTER			42095	INTER			44095	INTER	
	43096	BOTT			42096 ▲	BOTT			44096	BOTT	
5/8 - 11	43104	TAPER		5/8 - 11	42104 ▲	TAPER		5/8 - 18	44104	TAPER	
	43105	INTER			42105	INTER			44105	INTER	
	43106	BOTT			42106 ▲	BOTT			44106	BOTT	
11/16 - 11	43114 ▲	TAPER									
	43115	INTER									
	43116 ▲	BOTT									
3/4 - 10	43124	TAPER		3/4 - 10	42124 ▲	TAPER		3/4 - 16	44124	TAPER	
	43125	INTER			42125 ▲	INTER			44125	INTER	
	43126	BOTT			42126 ▲	BOTT			44126	BOTT	
7/8 - 9	43144	TAPER		7/8 - 9	42144 ▲	TAPER		7/8 - 14	44144 ▲	TAPER	
	43145	INTER			42145	INTER			44145	INTER	
	43146	BOTT			42146 ▲	BOTT			44146 ▲	BOTT	

▲ Denotes non-popular parts - Price On Application.
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Taps - Straight Flute Taps (Hand/Short Machine)

Inch - ISO British Dimensions, ANSI / BS Dimensions, Other Sizes HSS Material - 3B Tolerance



UNC		
Thread Size	Part No.	Type
1" - 8	43164 ▲	TAPER
	43165	INTER
	43166	BOTT
1 1/8 - 7	43184 ▲	TAPER
	43185	INTER
	43186 ▲	BOTT
1 1/4 - 7	43204	TAPER
	43205	INTER
	43206	BOTT
1 3/8 - 6	43224	TAPER
	43225	INTER
	43226	BOTT
1 1/2 - 6	43244	TAPER
	43245	INTER
	43246	BOTT

BSW		
Thread Size	Part No.	TYPE
1" - 8	42164 ▲	TAPER
	42165	INTER
	42166 ▲	BOTT
1 1/8 - 7	42184 ▲	TAPER
	42185	INTER
	42186 ▲	BOTT
1 1/4 - 7	42204 ▲	TAPER
	42205	INTER
	42206 ▲	BOTT
1 3/8 - 6	42224 ▲	TAPER
	42225	INTER
	42226 ▲	BOTT
1 1/2 - 6	42244 ▲	TAPER
	42245	INTER
	42246 ▲	BOTT

UNF		
Thread Size	Part No.	TYPE
1" - 12	44164 ▲	TAPER
	44165	INTER
	44166 ▲	BOTT
1" - 14	44164-14 ▲	TAPER
	44165-14	INTER
	44166-14 ▲	BOTT
1 1/8 - 12	44184 ▲	TAPER
	44185	INTER
	44186 ▲	BOTT
1 1/4 - 12	44204 ▲	TAPER
	44205	INTER
	44206 ▲	BOTT
1 3/8 - 12	44224 ▲	TAPER
	44225	INTER
	44226 ▲	BOTT
1 1/2 - 12	44244 ▲	TAPER
	44245	INTER
	44246 ▲	BOTT

UNC		
Thread Size	Part No.	Type
#2 - 56	43528 ▲	SP/POINT
	43529	SP/FLUTE
#3 - 48	43538 ▲	SP/POINT
	43539	SP/FLUTE
#4 - 40	43548 ▲	SP/POINT
	43549	SP/FLUTE
#5 - 40	43558 ▲	SP/POINT
	43559	SP/FLUTE
#6 - 32	43568 ▲	SP/POINT
	43569	SP/FLUTE
#8 - 32	43588 ▲	SP/POINT
	43589	SP/FLUTE
#10 - 24	43608 ▲	SP/POINT
	43609	SP/FLUTE
#12 - 24	43628 ▲	SP/POINT
	43629	SP/FLUTE
1/4 - 20	43048 ▲	SP/POINT
	43049	SP/FLUTE
5/16 - 18	43058 ▲	SP/POINT
	43059	SP/FLUTE
3/8 - 16	43068 ▲	SP/POINT
	43069	SP/FLUTE
7/16 - 14	43078 ▲	SP/POINT
	43079	SP/FLUTE
1/2 - 13	43088 ▲	SP/POINT
	43089	SP/FLUTE
5/8 - 11	43108 ▲	SP/POINT
	43109	SP/FLUTE
3/4 - 10	43128 ▲	SP/POINT
	43129	SP/FLUTE
7/8 - 9	43148 ▲	SP/POINT
	43149	SP/FLUTE
1" - 8	43168 ▲	SP/POINT
	43169 ▲	SP/FLUTE

UNF			
Thread Size	Part No.	Type	Price
#4 - 48	44548 ▲	SP/POINT	
	44549 ▲	SP/FLUTE	
#6 - 40	44568 ▲	SP/POINT	
	44569 ▲	SP/FLUTE	
#8 - 36	44588 ▲	SP/POINT	
	44589 ▲	SP/FLUTE	
#10 - 32	44608 ▲	SP/POINT	
	44609	SP/FLUTE	
1/4 - 28	44048 ▲	SP/POINT	
	44049	SP/FLUTE	
5/16 - 24	44058	SP/POINT	
	44059	SP/FLUTE	
3/8 - 24	44068 ▲	SP/POINT	
	44069	SP/FLUTE	
7/16 - 20	44078 ▲	SP/POINT	
	44079	SP/FLUTE	
1/2 - 20	44088 ▲	SP/POINT	
	44089	SP/FLUTE	
5/8 - 18	44108 ▲	SP/POINT	
	44109	SP/FLUTE	
3/4 - 16	44128 ▲	SP/POINT	
	44129	SP/FLUTE	

▲ Denotes non-popular parts - Price On Application.
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Taps - Straight Flute Taps (Hand/Short Machine)

Inch - ISO British Dimensions, ANSI / BS Dimensions, BA Dimensions, Other Sizes, HSS Material - 3B Tolerance



BSF		
Thread Size	Part No.	Type
3/16 - 32	40034 ▲	TAPER
	40035	INTER
	40036	BOTT
1/4 - 26	40044 ▲	TAPER
	40045	INTER
	40046	BOTT
5/16 - 22	40054 ▲	TAPER
	40055	INTER
	40056 ▲	BOTT
3/8 - 20	40064 ▲	TAPER
	40065	INTER
	40066 ▲	BOTT
7/16 - 18	40074 ▲	TAPER
	40075	INTER
	40076 ▲	BOTT
1/2 - 16	40084 ▲	TAPER
	40085	INTER
	40086 ▲	BOTT
9/16 - 16	40094 ▲	TAPER
	40095	INTER
	40096 ▲	BOTT
5/8 - 14	40104 ▲	TAPER
	40105	INTER
	40106 ▲	BOTT
3/4 - 12	40124 ▲	TAPER
	40125 ▲	INTER
	40126 ▲	BOTT
7/8 - 11	40144 ▲	TAPER
	40145	INTER
	40146 ▲	BOTT
1" - 10	40164 ▲	TAPER
	40165	INTER
	40166 ▲	BOTT
1 1/4 - 9	40204 ▲	TAPER
	40205	INTER
	40206 ▲	BOTT

BA		
Thread Size	Part No.	Type
0 BA	40504 ▲	TAPER
	40505	INTER
	40506	BOTT
2 BA	40524	TAPER
	40525	INTER
	40526	BOTT
4 BA	40544	TAPER
	40545	INTER
	40546	BOTT
6 BA	40564	TAPER
	40565	INTER
	40566	BOTT

BSP		
Thread Size	Part No.	Type
1/8 - 28	41024 ▲	TAPER
	41025	INTER
	41026	BOTT
1/4 - 19	41044	TAPER
	41045	INTER
	41046	BOTT
3/8 - 19	41064	TAPER
	41065	INTER
	41066	BOTT
1/2 - 14	41084	TAPER
	41085	INTER
	41086	BOTT
5/8 - 14	41104	TAPER
	41105	INTER
	41106	BOTT
3/4 - 14	41124	TAPER
	41125	INTER
	41126	BOTT
1" - 11	41164	TAPER
	41165	INTER
	41166	BOTT

SPECIAL SIZES		
Thread Size	Part No.	Type
UNEF 1/4 - 32	44044-32	TAPER
	44045-32	INTER
	44046-32	BOTT
HARLEY 1/4 - 24	44044-24▲	TAPER
	44045-24	INTER
	44046-24	BOTT
HARLEY 7/16 - 16	44074-16	TAPER
	44075-16	INTER
	44076-16	BOTT
CARB. 7/8 - 20	44144-20	TAPER
	44145-20	INTER
	44146-20	BOTT
CARB. 1 - 20	44164-20▲	TAPER
	44165-20	INTER
	44166-20	BOTT
CUMMINS 11/16 - 16	44114-16	TAPER
	44115-16	INTER
	44116-16▲	BOTT

NPT			
Thread Size	Part No.	Type	Price
1/8 - 27	46024 ▲	TAPER	
	46025	INTER	
	46026	BOTT	
1/4 - 18	46044 ▲	TAPER	
	46045	INTER	
	46046	BOTT	
3/8 - 18	46064	TAPER	
	46065	INTER	
	46066	BOTT	
1/2 - 14	46084 ▲	TAPER	
	46085	INTER	
	46086	BOTT	
3/4 - 14	46124 ▲	TAPER	
	46125	INTER	
	46126	BOTT	
1 - 11 1/2	46164 ▲	TAPER	
	46165	INTER	
	46166	BOTT	

BSC		
Thread Size	Part No.	Type
5/16 - 26	46504	TAPER
	46505	INTER
	46506	BOTT
3/8 - 26	46604	TAPER
	46605	INTER
	46606 ▲	BOTT
7/16 - 26	46704 ▲	TAPER
	46705	INTER
	46706 ▲	BOTT
1/2 - 26	46804 ▲	TAPER
	46805	INTER
	46806 ▲	BOTT

8 TPI UN		
Thread Size	Part No.	Type
1 1/8 - 8	46184 ▲	TAPER
	46185	INTER
	46186 ▲	BOTT
1 1/4 - 8	46204	TAPER
	46205	INTER
	46206	BOTT
1 3/8 - 8	46224 ▲	TAPER
	46225	INTER
	46226 ▲	BOTT
1 1/2 - 8	46244	TAPER
	46245	INTER
	46246	BOTT

8 TPI UN		
Thread Size	Part No.	Type
1 5/8 - 8	46264	TAPER
	46265	INTER
	46266 ▲	BOTT
1 3/4 - 8	46284	TAPER
	46285	INTER
	46286	BOTT
1 7/8 - 8	46304 ▲	TAPER
	46305	INTER
	46306	BOTT
2" - 8	46324 ▲	TAPER
	46325	INTER
	46326	BOTT

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Tap Coatings - TiN - Titanium Nitride Coating

TiCN - Titanium Carbonitride Coating, TiAlN - Titanium Aluminium Nitride Coating

TAP SIZES			
INCH	BA	METRIC	
#2		M2	
#3		M2.5	
#4	6BA	M3	
#5, 1/8"			
#6	4BA	M3.5	
#8		M4	
#10	2BA	M5	
#12			
1/4"	0BA	M6	
		M7	
5/16"		M8	
3/8"		M9	
		M10	
7/16"		M11	
		M12	
1/2"		M13	
9/16"		M14	
		M15	
5/8"		M16	
		M18	
3/4"			
11/16"		M20	
7/8"		M22	
		M24	
1"			
		M27	
1 1/8"			
		M30	
1 1/4"			
		M33	
1 3/8"			
		M36	
1 1/2"			
		M39	
1 5/8"		M42	
1 3/4"		M47	
1 7/8"		M48	
2"		M50	



Taper



Intermediate



Spiral flute



Bottoming



Spiral point