

Titanium Nitride (TiN) Coated Straight Flute Hand Taps

Taraud à main

Machuelo de roscar manual



Ground Thread — High Speed Steel

Straight Flute hand taps are used for hand tapping and machine tapping in through holes or blind holes in a wide variety of materials.

Titanium Nitride (TiN) Coating results in an extremely hard surface with high lubricity for increased tool life, improved thread quality, reduced torque and increased tapping speeds for greater productivity.

List No. 2068G — Machine Screw

STANDARD PACKAGE

All sizes — 12 each

Available in plug (3-5 thread chamfer), or bottoming (1-2 thread chamfer).

SIZE	UNC	TPI		NO. OF FLUTES	PITCH DIA. LIMIT	THREAD LENGTH	OAL	EDP NUMBER	
		UNF						PLUG	BOTTOM.
0	—	80		2	H1	5/16	1 5/8	92460	92480
1	64	—		2	H1	3/8	1 11/16	92461	92481
	—	72		2	H1	3/8	1 11/16	92462	92482
2	56	—		3	H2	7/16	1 3/4	92463	92483
	—	64		3	H2	7/16	1 3/4	92464	92484
3	48	—		3	H2	1/2	1 13/16	92465	92485
	—	56		3	H2	1/2	1 13/16	92466	92486
4	40	—		3	H2	9/16	1 7/8	92467	92487
	—	48		3	H2	9/16	1 7/8	92468	92488
	—	36*		3	H2	9/16	1 7/8	92469	92489
5	40	—		3	H2	5/8	1 15/16	92470	92490
	—	44		3	H2	5/8	1 15/16	92471	92491
6	32	—		3	H3	11/16	2	92472	92492
	—	40		3	H2	11/16	2	92473	92493
8	32	—		4	H3	3/4	2 1/8	92474	92494
	—	36		4	H2	3/4	2 1/8	92475	92495
10	24	—		4	H3	7/8	2 3/8	92476	92496
	—	32		4	H3	7/8	2 3/8	92477	92497
12	24	—		4	H3	15/16	2 3/8	92478	92498
	—	28		4	H3	15/16	2 3/8	92479	92499

*UNS

SPECIAL TAPS FAST QUOTE SERVICE

Call Morse Cutting Tools for all of your special tap needs.
To expedite your quote please provide the following information:

TAP SIZE _____ CLASS of FIT or H LIMIT _____ # of FLUTES _____

TYPE of TAP _____ SURFACE TREATMENT _____

MATERIAL to be THREADED _____ HARDNESS _____

BLIND or THROUGH HOLE _____ LENGTH of THREAD _____

of HOLES to TAP _____ TAPPING EQUIPMENT USED _____

CURRENT TAP USED _____ TAPPING PROBLEM _____

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SIZE	PITCH DIA. LIMIT	THREAD LENGTH	OAL	NO. OF FLUTES	PLUG	EDP NO. BOTTOM
1/4 - 20	H3	1	2 1/2	4	92400	92430
1/4 - 28	H3	1	2 1/2	4	92401	92431
5/16 - 18	H3	1 1/8	2 23/32	4	92402	92432
5/16 - 24	H3	1 1/8	2 23/32	4	92403	92433
3/8 - 16	H3	1 1/4	2 15/16	4	92404	92434
3/8 - 24	H3	1 1/4	2 15/16	4	92405	92435
7/16 - 14	H3	1 7/16	3 5/32	4	92406	92436
7/16 - 20	H3	1 7/16	3 5/32	4	92407	92437
1/2 - 13	H3	1 21/32	3 3/8	4	92408	92438
1/2 - 20	H3	1 21/32	3 3/8	4	92409	92439
9/16 - 12	H3	1 21/32	3 19/32	4	92410	92440
9/16 - 18	H3	1 21/32	3 19/32	4	92411	92441
5/8 - 11	H3	1 13/16	3 13/16	4	92412	92442
5/8 - 18	H3	1 13/16	3 13/16	4	92413	92443
1 1/16 - 11	H3	2	4 1/4	4	92414	92444
1 1/16 - 16	H3	2	4 1/4	4	92415	92445
3/4 - 10	H3	2	4 1/4	4	92416	92446
3/4 - 16	H3	2	4 1/4	4	92417	92447
7/8 - 9	H4	2 7/32	4 11/16	4	92418	92448
7/8 - 14	H4	2 7/32	4 11/16	4	92419	92449
1 - 8	H4	2 1/2	5 1/8	4	92420	92450
1 - 14	H4	2 1/2	5 1/8	4	92421	92451

+ .005" Oversize Straight Flute Hand Taps

Straight Flute hand taps are used for hand tapping and machine tapping in through holes or blind holes in a wide variety of materials.

+ .005" Oversize (H11) taps are mainly used for parts that will be plated or heat treated after tapping. Also used in materials that tend to shrink after tapping.

List No. 2014 Machine Screw

SIZE	TPI		PITCH DIA. LIMIT	THREAD LENGTH	OAL	NO. OF FLUTES	EDP NO. PLUG
	UNC	UNF					
6	32	—	H11	1 1/16	2	3	34222
8	32	—	H11	3/4	2 1/8	4	34223
10	24	—	H11	7/8	2 3/8	4	34225
10	—	32	H11	7/8	2 3/8	4	34226

List No. 2014 Fractional

SIZE	TPI		PITCH DIA. LIMIT	THREAD LENGTH	OAL	NO. OF FLUTES	EDP NO. PLUG
	UNC	UNF					
1/4	20	—	H11	1	2 1/2	4	34301
5/16	18	—	H11	1 1/8	2 23/32	4	34303
3/8	16	—	H11	1 1/4	2 15/16	4	34305
1/2	13	—	H11	1 21/32	3 3/8	4	34309
5/8	11	—	H11	1 13/16	3 13/16	4	34313

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List No. 2046G Fractional

STANDARD 1/4 - 1/2 — 12 each

PACKAGE 9/16 - 3/4 — 3 each
7/8 - 1 — 1 each

Ground Thread - High Speed Steel

Taraud surdimensionné

Machuelo de roscar extra grande



List No. 2014 Machine Screw & Fractional

STANDARD Machine screw sizes: 12 each

PACKAGE Fractional sizes: 1/4" thru 1/2" — 12 each
5/8" — 3 each

Ground Thread — High Speed Steel — Plug Style

PITCH DIA. LIMIT	AMOUNT LARGER THAN BASIC PITCH DIA.
H11	.0050"-.0055"