

1-800-GRAINGER (472-4643)

IRWIN[®] WESTWARD[®] CLE-[®]LINE[®] IRWIN[®] HANSON[®] WIDIA[®] GTD[®] GREENFIELD[®] THREADING

For more information on taps, see page 2159.

Straight-Flute Hand Taps

■ Right-hand thread direction

Straight-flute hand taps are manually turned with a tap wrench to create or repair internal threads in blind holes and through holes.



High Speed Steel, TIN Coated
Metric Coarse, 4 Flutes
11W669

Thread Size	Thread Length	Overall Length	Tap Chamfer	Brand	Item No.
Carbon Steel, Bright (Uncoated) Finish Metric Coarse, 4 Flutes					
M4x0.7	19.05 mm	53.00 mm	Plug	Irwin Hanson	19T136
M5x0.8	22.00 mm	60.00 mm	Plug	Irwin Hanson	19T138
M6x1	25.00 mm	64.00 mm	Plug	Irwin Hanson	19T140
UNC, 3 Flutes					
#6-32	1 1/16 in	2 in	Taper	Westward	2LXD2
#6-32	1 1/16 in	2 in	Plug	Irwin Hanson	19T113
#8-32	3/4 in	2 1/2 in	Taper	Westward	2LXD3
#10-24	1/2 in	2 in	Taper	Westward	2LXD4
1/4-20	1 in	2 1/2 in	Bottoming	Westward	2LXK3
1/4-20	1 in	2 1/2 in	Plug	Westward	2LXG4
UNC, 4 Flutes					
#10-24	7/8 in	2 3/4 in	Plug	Irwin Hanson	19T115
1/4-20	1 in	2 1/2 in	Taper	Westward	2LXD7
1/4-20	1 in	2 1/2 in	Plug	Irwin Hanson	19T118
3/16-18	1 1/8 in	2 3/4 in	Taper	Westward	2LXE2
3/16-18	1 1/8 in	2 3/4 in	Plug	Irwin Hanson	19T120
3/8-16	1 1/4 in	2 1/2 in	Taper	Westward	2LXE4
3/8-16	1 1/4 in	2 1/2 in	Plug	Irwin Hanson	19T122
1/2-13	1 1/2 in	3 1/2 in	Taper	Westward	2LXE8
1/2-11	1 1/2 in	3 1/2 in	Taper	Westward	2LXF3
5/8-11	1 3/4 in	3 1/2 in	Plug	Irwin Hanson	19T130
5/8-11	1 3/4 in	3 1/2 in	Plug	Westward	2LXH7
3/4-10	2 in	4 1/4 in	Taper	Westward	2LXF5
3/4-10	2 in	4 1/4 in	Plug	Westward	2LXH9
1-8	2 1/2 in	5 1/2 in	Plug	Westward	2LXJ4
UNF, 3 Flutes					
#10-32	7/8 in	2 3/4 in	Taper	Westward	2LXD5
UNF, 4 Flutes					
#10-32	7/8 in	2 3/4 in	Plug	Irwin Hanson	19T116
1/4-28	1 in	2 1/2 in	Plug	Irwin Hanson	19T119
3/4-16	2 in	4 1/4 in	Taper	Westward	2LXF6
UNS, 4 Flutes					
1-14	2 1/2 in	5 1/2 in	Plug	Westward	2LXJ5

Thread Size	Thread Length	Overall Length	Tap Chamfer	Brand	Item No.
High Speed Steel, Black Oxide Finish Metric Fine, 4 Flutes					
M20x1.5	37.00 mm	113.00 mm	Bottoming	OSG	33YV49
UNC, 2 Flutes					
1/4-20	1 1/8 in	2 1/2 in	Plug	OSG	33YU67
UNC, 4 Flutes					
1/4-20	1 1/8 in	2 1/2 in	Taper	OSG	33YL94
1/2-13	1 1/2 in	3 1/2 in	Bottoming	Widia Gtd	12F019
1/2-13	1 1/2 in	3 1/2 in	Taper	OSG	33YM24
3/8-11	1 1/4 in	3 1/2 in	Bottoming	OSG	2TRY9
3/8-11	1 1/4 in	3 1/2 in	Plug	OSG	2TRY7
3/8-11	1 1/4 in	3 1/2 in	Taper	OSG	33YM42
3/8-11	1 1/4 in	3 1/2 in	Bottoming	Widia Gtd	12F014
3/4-10	1 1/2 in	4 1/4 in	Plug	OSG	2TFA1
3/4-10	2 in	4 1/4 in	Bottoming	Widia Gtd	12F012
1-8	1 1/8 in	5 1/2 in	Bottoming	OSG	2TRW5
1-8	1 1/8 in	5 1/2 in	Plug	OSG	2TRY1
1 1/4-7	2 1/2 in	5 1/2 in	Bottoming	Widia Gtd	12G943
1 1/4-7	2 1/2 in	5 1/2 in	Bottoming	OSG	33YN58
1 1/2-6	2 1/2 in	6 1/2 in	Bottoming	OSG	33YN84
UNF, 4 Flutes					
#10-32	7/8 in	2 1/2 in	Plug	OSG	4HKN2
#10-32	1 1/4 in	3 1/2 in	Bottoming	OSG	2TRX9
1 1/4-12	1 1/2 in	5 1/2 in	Taper	OSG	33YN51
High Speed Steel, TiN-Coated Metric, 4 Flutes					
M10x1.5	31.75 mm	74.61 mm	Bottoming	Widia Gtd	11W669
UNC, 3 Flutes					
#6-32	1 1/16 in	2 in	Plug	Widia Gtd	1E640
UNC, 4 Flutes					
#8-32	3/4 in	2 1/2 in	Plug	Widia Gtd	1E644
#8-32	3/4 in	2 1/2 in	Bottoming	Widia Gtd	1E646
#10-24	1/2 in	2 1/2 in	Bottoming	Widia Gtd	1E650
#10-24	1/2 in	2 1/2 in	Plug	Widia Gtd	1E648
1/4-20	1 in	2 1/2 in	Plug	Widia Gtd	1E661
1/4-20	1 in	2 1/2 in	Bottoming	Widia Gtd	1E664
1/4-20	1 in	2 1/2 in	Plug	Greenfield Threading	15J590
1/4-20	1 in	2 1/2 in	Bottoming	Greenfield Threading	15J731
3/8-18	1 1/8 in	2 3/4 in	Plug	Widia Gtd	1E670

Thread Size	Thread Length	Overall Length	Tap Chamfer	Brand	Item No.
3/16-18	1 1/8 in	2 3/4 in	Taper	Greenfield Threading	40TA65
3/8-16	1 1/4 in	2 1/2 in	Plug	Widia Gtd	1E682
3/8-16	1 1/4 in	2 1/2 in	Plug	Greenfield Threading	15J594
3/8-16	1 1/4 in	2 1/2 in	Bottoming	Greenfield Threading	15J735
3/8-16	1 1/4 in	2 1/2 in	Bottoming	Widia Gtd	1E684
1/2-13	1 1/2 in	3 1/2 in	Bottoming	Greenfield Threading	15J739
1/2-13	1 1/2 in	3 1/2 in	Bottoming	Widia Gtd	1E701
1/2-13	1 1/2 in	3 1/2 in	Taper	Greenfield Threading	40TA81
1/2-13	1 1/2 in	3 1/2 in	Plug	Widia Gtd	1E699
5/8-11	1 3/4 in	3 1/2 in	Plug	Greenfield Threading	15J603
3/4-10	2 in	4 1/4 in	Bottoming	Greenfield Threading	15J745
3/4-10	2 in	4 1/4 in	Taper	Greenfield Threading	40TA89
1-8	2 1/2 in	5 1/2 in	Bottoming	Greenfield Threading	15J749
UNF, UNF, 4 Flutes					
#10-32	7/8 in	2 3/4 in	Plug	Widia Gtd	1E652
Powdered-Metal, TiCN-Coated Metric Coarse, 4 Flutes					
M4x0.7	8.00 mm	55.00 mm	Modified Bottoming	OSG	33YH83
M6x1	12.00 mm	63.00 mm	Modified Bottoming	OSG	33PC95
Metric Fine, 4 Flutes					
M12x1.5	21.00 mm	85.00 mm	Bottoming	OSG	33YK42
UNC, 4 Flutes					
#8-32	5/8 in	2 3/4 in	Modified Bottoming	OSG	33YH74
1/4-20	1 in	2 1/2 in	Bottoming	OSG	33YK08
3/8-16	1 1/4 in	2 1/2 in	Bottoming	OSG	33YK14
3/8-16	1 1/4 in	2 1/2 in	Bottoming	OSG	33YK13
UNC, 5 Flutes					
3/4-10	1 1/2 in	4 1/4 in	Bottoming	OSG	33YK32
UNF, 4 Flutes					
1/2-20	1 1/8 in	3 1/2 in	Bottoming	OSG	33YK22
1/2-20	1 1/8 in	3 1/2 in	Bottoming	OSG	33YK23

WESTWARD[®] CLE-[®]LINE[®] IRWIN[®] HANSON[®]GENERAL[®] Starrett[®]

Tap Wrenches

Tap wrenches are used to manually turn taps when repairing or creating threads in holes.

Fixed T-handle wrenches are more compact than straight-handle wrenches.

Ratcheting wrenches can be turned and repositioned quickly when working in tight spaces.

Sliding T-handle wrenches have a T-handle that slides from side to side, allowing them to be turned in tight spaces. They are more compact than straight-handle wrenches.

Straight-handle wrenches have a long, straight handle that provides more leverage than a T-handle.

Min. Tap Size	Max. Tap Size	Overall Length	Fractional Tap Capacity	Brand	Item No.
Fixed T-Handle					
1/16 in	1/4 in	2 3/4 in	1/16 in to 1/4 in	Westward	2CYR9
1/16 in	1/4 in	9 in	1/16 in to 1/4 in	Westward	2CYT2
1/4 in	1/2 in	8 3/4 in	1/4 in to 1/2 in	Cle-Line	50CA39
1/4 in	1/2 in	3 3/4 in	1/4 in to 1/2 in	Westward	2CYT1
1/4 in	1/2 in	9 in	1/4 in to 1/2 in	Westward	2CYT3
Ratcheting Sliding T-Handle					
1/16 in	3/32 in	3 in	1/16 in to 3/32 in	Westward	2CYT4
1/16 in	1/4 in	3 1/2 in	1/16 in to 1/4 in	Westward	2CYT5
1/16 in	1/4 in	13 in	1/16 in to 1/4 in	Westward	2CYT7
1/8 in	1/2 in	4 1/2 in	1/8 in to 1/2 in	Westward	2CYT6
1/8 in	1/2 in	13 in	1/8 in to 1/2 in	Westward	2CYT8
1/4 in	#0	10 in	#0 to 1/4 in	Irwin Hanson	3KLR7
1/2 in	1/4 in	12 in	1/4 in to 1/2 in	Irwin Hanson	35T719
Sliding T-Handle					
1/16 in	1/4 in	2 3/4 in	1/16 in to 1/4 in	Westward	2FLL7
1/4 in	#0	2 3/4 in	1/4 in	General	6TFF5
1/4 in	#0	3 1/2 in	1/4 in	General	6TFF2
1/4 in	1/2 in	3 3/8 in	1/4 in to 1/2 in	Westward	2FLL8
1/2 in	#12	3 3/4 in	1/2 in	General	6TFF7
1/2 in	#12	4 1/4 in	1/2 in	General	6TFF3



Ratchet T-Handle
2CYT5



Starrett Sliding T-Handle
30C242



Straight Handle
50CA26



Tap Wrench Set
6TFF6

Min. Tap Size	Max. Tap Size	Overall Length	Fractional Tap Capacity	Brand	Item No.
Starrett Sliding T-Handle					
3/16 in	1/2 in	2 in	1/16 in to 3/16 in	Starrett	30C242
1/4 in	1/2 in	6 in	1/16 in to 1/4 in	Starrett	30C239
1/2 in	7/8 in	2 1/2 in	1/2 in to 7/8 in	Starrett	30C243
1/2 in	3/4 in	9 in	1/4 in to 1/2 in	Starrett	30C240
1/2 in	1/4 in	3 1/2 in	1/4 in to 1/2 in	Starrett	30C244
1/2 in	1/4 in	13 in	1/4 in to 1/2 in	Starrett	30C247
3/4 in	1/4 in	12 in	1/4 in to 3/4 in	Starrett	30C241
3/4 in	3/4 in	16 in	3/4 in to 3/4 in	Starrett	53VF08
Straight-Handle					
1/16 in	1/4 in	7 in	1/16 in to 1/4 in	Westward	2CYT9
1/16 in	3/8 in	9 in	1/16 in to 3/8 in	Westward	2CYU1
3/32 in	1/2 in	11 in	3/32 in to 1/2 in	Westward	2CYU2
1/4 in	1/2 in	7 in	1/4 in to 1/2 in	Cle-Line	50CA26
1/4 in	3/4 in	15 in	1/4 in to 3/4 in	Westward	2CYU3
1/4 in	1 1/8 in	19 1/2 in	1/4 in to 1 1/8 in	Westward	2CYU4
3/8 in	1/2 in	9 in	3/8 in to 3/8 in	Cle-Line	50CA27
1/2 in	#0	9 1/2 in	#0 to 1/2 in	Irwin Hanson	35T756
3/4 in	3/8 in	15 in	3/8 in to 3/4 in	Cle-Line	50CA30
1 in	1/4 in	12 3/4 in	1/4 in to 1 in	Irwin Hanson	35T702
1 1/8 in	1/4 in	19 in	1/4 in to 1 1/8 in	Cle-Line	50CA31
1 1/8 in	3/4 in	40 in	3/4 in to 1 1/8 in	Cle-Line	50CA32
2 1/2 in	1 in	54 in	1 in to 2 1/2 in	Cle-Line	50CA28
Tap Wrench Set, Ratcheting					
1/2 in	#0	1 1/8 in	#0 to 1/4 in, #12 to 1/2 in	General	6TFF6
Tap Wrench Set, Standard					
1/2 in	#0	1 1/8 in	#0 to 1/4 in, #12 to 1/2 in	General	6TFF8

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