



WIDIA GTD



CLE-LINE



CLEVELAND

WESTWARD

Three-Piece Tap Kits

Each kit contains three straight-flute taps with the same thread size, thread length, and overall length but different chamfer types. One tap has a taper chamfer, one tap has a bottoming chamfer, and one tap has a plug chamfer.



407D08

Tap Thread Size	Tap Thread Size	Thread Length	Overall Length	Pitch Diameter Limit	Brand	Item No.
Left-Hand, Bright Finish, High-Speed Steel						
4 Flute, UNC						
#8-32	#11	3/4 in	2 1/2 in	H3	Greenfield Threading	407D08
1/4"-20	18	1	2 1/2 in	H3	Widia GTD	3FMK1
5/16"-18	20	1 1/8 in	2 3/4 in	H3	Widia GTD	3FMK6
3/8"-16	22	1 1/4 in	3 in	H3	Widia GTD	3FML5
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	3FMP3
4 Flute, UNF						
#10-32	#14	3/8 in	2 3/8 in	H3	Greenfield Threading	407D09
1/4"-28	19	3/8 in	2 1/2 in	H3	Greenfield Threading	53PV26
5/16"-24	21	1 1/8 in	2 3/4 in	H3	Widia GTD	3FML1
3/8"-24	23	1 1/4 in	3 in	H3	Widia GTD	3FML9
1/2"-20	27	1 1/2 in	3 3/8 in	H3	Widia GTD	3FMP7
Right Hand, Bright Finish, High-Speed Steel						
2 Flute, UNC						
#1-64	#6	3/8 in	1 1/8 in	H1	Widia GTD	53ML40
#2-56	#1	1/2 in	1 1/8 in	H2	Cle-Line	407D42
2 Flute, UNF						
#0-80	#5	3/8 in	1 1/8 in	H1	Widia GTD	53ML46
#1-72	#7	3/8 in	1 1/8 in	H1	Widia GTD	53ML35
3 Flute, Metric						
M3-0.50	199	3/8 in	1 1/8 in	D3	Widia GTD	1C948
M3-0.50	199	7.87 mm	49.28 mm	D3	Cleveland	435L52
3 Flute, Metric Coarse						
M2-0.40	198	1/2 in	1 3/4 in	D3	Widia GTD	1C938
3 Flute, Metric Fine						
M2-0.40	198	1/2 in	1 3/4 in	D3	Greenfield Threading	53PW26
M2.5-0.45	198.2	1/2 in	1 1/8 in	D3	Greenfield Threading	53PV94
M3-0.50	199	3/8 in	1 1/8 in	D3	Greenfield Threading	53PW25
M3.5-0.60	199.1	3/8 in	2 in	D4	Greenfield Threading	53PV93
3 Flute, UNC						
#2-56	#1	1/2 in	1 3/4 in	H2	Cleveland	435L23
#2-56	#1	1/2 in	1 3/4 in	H2	Greenfield Threading	15J750
#2-56	#1	1/2 in	1 3/4 in	H2	Widia GTD	4AHL1
#3-48	#3	1/2 in	1 3/4 in	H2	Cle-Line	407D43
#3-48	#3	1/2 in	1 3/4 in	H2	Cleveland	435L30
#3-48	#3	1/2 in	1 3/4 in	H2	Greenfield Threading	15J751
#3-48	#3	1/2 in	1 3/4 in	H2	Widia GTD	4AHL2
#4-40	#6.5	1/2 in	1 1/2 in	H2	Cleveland	435L44
#4-40	#6.5	1/2 in	1 1/2 in	H2	Widia GTD	4GP74
#4-40	#6.5	1/2 in	1 1/2 in	H2	Greenfield Threading	15J753
#4-40	#6.5	1/2 in	1 1/2 in	H2	Widia GTD	4AHL6
#4-40	#6.5	1/2 in	1 1/2 in	H2	Westward	5PXJ8
#5-40	#7	1/2 in	1 1/2 in	H2	Cleveland	435L58
#5-40	#7	1/2 in	1 1/2 in	H2	Widia GTD	4GP79
#5-40	#7	1/2 in	1 1/2 in	H2	Greenfield Threading	15J755
#5-40	#7	1/2 in	1 1/2 in	H2	Widia GTD	4AHM0
#6-32	#9	3/8 in	2 in	H3	Cleveland	435L77
#6-32	#9	1/2 in	2 in	H3	Widia GTD	4GP83
#6-32	#9	1/2 in	2 in	H1	Widia GTD	53MN85
#6-32	#9	1/2 in	2 in	H2	Cle-Line	407D47
#6-32	#9	1/2 in	2 in	H2	Greenfield Threading	15J757
#6-32	#9	1/2 in	2 in	H3	Westward	5PXJ9
#6-32	#9	1/2 in	2 in	H3	Widia GTD	4AHM4
3 Flute, UNF						
#2-64	.02	1/2 in	1 3/4 in	H2	Widia GTD	53ML26
#3-56	.04	1/2 in	1 3/4 in	H2	Cle-Line	407D44
#3-56	.04	1/2 in	1 3/4 in	H2	Cleveland	435L34
#3-56	.04	1/2 in	1 3/4 in	H2	Greenfield Threading	15J752
#3-56	.04	1/2 in	1 3/4 in	H2	Widia GTD	53ML20
#4-48	.06	1/2 in	1 3/4 in	H2	Cleveland	435L48
#4-48	.06	1/2 in	1 3/4 in	H2	Widia GTD	407D45
#4-48	.06	1/2 in	1 3/4 in	H2	Greenfield Threading	15J754
#4-48	.06	1/2 in	1 3/4 in	H2	Widia GTD	53ML14
#5-44	.08	1/2 in	1 3/4 in	H2	Cleveland	435L62
#5-44	.08	1/2 in	1 3/4 in	H2	Cle-Line	407D46
#5-44	.08	1/2 in	1 3/4 in	H2	Greenfield Threading	15J756
#5-44	.08	1/2 in	1 3/4 in	H2	Widia GTD	53ML10
#6-40	.10	1/2 in	2 in	H2	Cle-Line	407D48
#6-40	.10	1/2 in	2 in	H2	Greenfield Threading	15J759
#6-40	.10	1/2 in	2 in	H2	Widia GTD	53ML03
4 Flute, Metric						
M4-0.70	200	3/4 in	2 1/2 in	D4	Widia GTD	1C956
M4-0.70	200	19.05 mm	54.10 mm	D4	Cleveland	435L85
M5-0.80	201	1/2 in	2 3/8 in	D4	Widia GTD	1C970
M5-0.80	201	12.70 mm	60.45 mm	D4	Cleveland	435M42
M6-1.00	202.1	1	2 1/2 in	D5	Widia GTD	1C978
M6-1.00	202.1	16.00 mm	63.50 mm	D5	Cleveland	435M54
M8-1.25	204.1	1 1/8 in	2 3/8 in	D5	Widia GTD	1E007
M8-1.25	204.1	17.53 mm	69.09 mm	D5	Cleveland	435N14
M10-1.50	207	1 1/4 in	2 1/2 in	D6	Widia GTD	1E015
M10-1.50	207	31.75 mm	74.61 mm	D6	Cleveland	435N40
M12-1.75	210	1 1/2 in	3 3/8 in	D6	Widia GTD	1E023

Tap Thread Size	Tap Thread Size	Thread Length	Overall Length	Pitch Diameter Limit	Brand	Item No.
M12-1.75	210	42.07 mm	85.72 mm	D6	Cleveland	435N59
M14-2.00	212	1 1/2 in	3 1/2 in	D7	Widia GTD	1E031
M14-2.00	212	42.07 mm	91.28 mm	D7	Cleveland	435N81
M16-2.00	214	1 1/4 in	3 1/4 in	D7	Widia GTD	1E040
M16-2.00	214	46.04 mm	96.84 mm	D7	Cleveland	435P07
M20-2.50	218.1	50.80 mm	13.51 mm	D7	Cleveland	435P34
4 Flute, Metric Coarse						
M4-0.70	200	3/4 in	2 1/2 in	D4	Westward	5TWA1
M5-0.80	201	1/2 in	2 3/8 in	D4	Westward	5TWA2
M6-1.00	202.1	1	2 1/2 in	D5	Westward	5TWA3
M7-1.00	203	1 1/8 in	2 3/8 in	D5	Widia GTD	1C998
M8-1.25	204.1	1 1/8 in	2 3/8 in	D5	Westward	5TWA5
M10-1.50	207	3/4 in	2 1/2 in	D6	Greenfield Threading	53PW01
M10-1.50	207	1 1/4 in	2 1/2 in	D6	Westward	5TWA6
M12-1.75	210	1 1/2 in	3 3/8 in	D6	Greenfield Threading	53PV99
M12-1.75	210	1 1/2 in	3 3/8 in	D6	Westward	5TWA7
M14-2.00	212	1	3 1/2 in	D7	Greenfield Threading	53PV98
M16-2.00	214	1	3 1/4 in	D7	Greenfield Threading	53PV97
M16-2.00	214	1 1/4 in	3 1/4 in	D7	Westward	5TWA9
M16x2.0	214	46.04 mm	96.84 mm	D7	Cle-Line	50AP15
M18-2.50	216	1 3/4 in	4 1/2 in	D6	Greenfield Threading	53PV96
M18-2.50	216	1 3/4 in	4 1/2 in	D7	Widia GTD	1E048
M20-2.50	218.1	1 1/4 in	4 1/2 in	D7	Greenfield Threading	53PV95
M20-2.50	218.1	2 in	4 1/2 in	D7	Westward	5TWC1
M20x2.5	218.1	50.80 mm	13.51 mm	D7	Cle-Line	50AP17
M24-3.00	220.3	2 3/8 in	4 2/3 in	D8	Westward	5TWC2
M24-3.00	220.3	2 3/8 in	4 2/3 in	D8	Widia GTD	1E064
4 Flute, Metric Fine						
M4-0.70	200	3/8 in	2 1/2 in	D4	Greenfield Threading	53PW24
M4.5-0.75	200.5	1/2 in	2 3/8 in	D4	Greenfield Threading	53PV92
M5-0.80	201	1/2 in	2 3/8 in	D4	Greenfield Threading	53PW23
M6-1.00	202.1	3/8 in	2 1/2 in	D5	Greenfield Threading	53PW22
M8-1.25	204.1	1 1/8 in	2 3/8 in	D5	Greenfield Threading	53PW21
4 Flute, UNC						
#8-32	#11	3/8 in	2 1/2 in	H2	Cleveland	435L94
#8-32	#11	3/8 in	2 1/2 in	H3	Cleveland	435M03
#8-32	#11	3/8 in	2 1/2 in	—	Widia GTD	4GP88
#8-32	#11	3/8 in	2 1/2 in	H2	Cle-Line	407D49
#8-32	#11	3/8 in	2 1/2 in	H2	Greenfield Threading	15J760
#8-32	#11	3/8 in	2 1/2 in	H2	Widia GTD	53MK95
#8-32	#11	3/8 in	2 1/2 in	H3	Greenfield Threading	15J761
#8-32	#11	3/8 in	2 1/2 in	H3	Westward	5PKX0
#8-32	#11	3/8 in	2 1/2 in	H3	Widia GTD	4AHM8
#10-24	#13	1/2 in	2 3/8 in	H3	Cleveland	435M25
#10-24	#13	1/2 in	2 3/8 in	—	Widia GTD	4GP93
#10-24	#13	1/2 in	2 3/8 in	H2	Cle-Line	407D51
#10-24	#13	1/2 in	2 3/8 in	H2	Greenfield Threading	15J763
#10-24	#13	1/2 in	2 3/8 in	H2	Widia GTD	53MK78
#10-24	#13	1/2 in	2 3/8 in	H3	Greenfield Threading	15J764
#10-24	#13	1/2 in	2 3/8 in	H3	Westward	5PKX1
#10-24	#13	1/2 in	2 3/8 in	H3	Widia GTD	4AHN3
#12-24	#15	1/2 in	2 3/8 in	H3	Cleveland	435M46
#12-24	#15	1/2 in	2 3/8 in	—	Widia GTD	4GR02
#12-24	#15	1/2 in	2 3/8 in	H3	Greenfield Threading	15J767
#12-24	#15	1/2 in	2 3/8 in	H3	Widia GTD	53MK54
1/4"-20	18	3/8 in	2 1/2 in	H1	Cleveland	435M58
1/4"-20	18	3/8 in	2 1/2 in	H2	Cleveland	435M63
1/4"-20	18	3/8 in	2 1/2 in	H3	Cleveland	435M71
1/4"-20	18	1	2 1/2 in	—	Widia GTD	4GR11
1/4"-20	18	1	2 1/2 in	H1	Greenfield Threading	15J769
1/4"-20	18	1	2 1/2 in	H2	Greenfield Threading	15J770
1/4"-20	18	1	2 1/2 in	H2	Widia GTD	53MM40
1/4"-20	18	1 in	2 1/2 in	H3	Cle-Line	50AN85
1/4"-20	18	1	2 1/2 in	H3	Greenfield Threading	15J771
1/4"-20	18	1	2 1/2 in	H3	Westward	5PKX3
5/16"-18	20	1 1/8 in	2 3/8 in	H3	Cleveland	435M98
5/16"-18	20	1 1/8 in	2 3/8 in	—	Widia GTD	4GR19
5/16"-18	20	1 1/8 in	2 3/8 in	H3	Cle-Line	50AN98
5/16"-18	20	1 1/8 in	2 3/8 in	H3	Greenfield Threading	15J773
5/16"-18	20	1 1/8 in	2 3/8 in	H3	Westward	5PKX5
5/16"-18	20	1 1/8 in	2 3/8 in	H3	Widia GTD	4AHF9
5/8"-16	22	3/4 in	2 1/2 in	—	Cleveland	435N25
5/8"-16	22	1 1/4 in	2 1/2 in	—	Widia GTD	4GR27
5/8"-16	22	1 1/4 in	2 1/2 in	H3	Cle-Line	50AN95
5/8"-16	22	1 1/4 in	2 1/2 in	H3	Greenfield Threading	15J775

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