



CONTINUED



WIDIA GTD



CLE-LINE



CLEVELAND

WESTWARD

Three-Piece Tap Kits

Tap Thread Size	Tap Thread Size	Thread Length	Overall Length	Pitch Diameter Limit	Brand	Item No.
3/8"-16	22	1 1/4 in	2 1/16 in	H3	Westward	5PXX7
3/8"-16	22	1 1/4 in	2 1/16 in	H3	Widia GTD	4AHT7
1/2"-14	24	1 1/2 in	3 3/32 in	H3	Cleveland	435N44
1/2"-14	24	1 1/2 in	3 3/32 in	H3	Widia GTD	4GR35
1/2"-14	24	1 1/2 in	3 3/32 in	H3	Greenfield Threading	15J777
1/2"-14	24	1 1/2 in	3 3/32 in	H3	Westward	5PXX9
1/2"-14	24	1 1/2 in	3 3/32 in	H3	Widia GTD	4AHW5
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435N66
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR43
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cle-Line	50AN83
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J779
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5PXL1
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AHX3
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR51
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435N85
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J781
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5PXL3
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AKC1
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR59
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cle-Line	50AP01
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435N93
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J783
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5PXL5
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AKC9
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J785
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435P24
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR67
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cle-Line	50AN93
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J787
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5TVY7
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AKF7
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR75
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cle-Line	50AP08
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435P38
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J789
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5TVY9
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	1C917
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR83
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cle-Line	50AN95
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435P49
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J791
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5TVZ1
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	1C929
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	53MN55
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5TVZ3
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GZ87
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GT08
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5TVZ5
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GZ95
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	53ML55
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	53MN36
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4HF12
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435M07
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cle-Line	407D50
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J762
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	53MK83
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435M30
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435M38
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GP97
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cle-Line	407D52
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J765
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	53MK66
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J766
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5PXX2
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AHN7
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435M50
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cle-Line	407D53
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J768
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435M85
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR15
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J772
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AHP5
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435N08
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR23
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J774
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AHT3
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435N33
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR31
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J776
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AHW1
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435N50
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR39
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J778
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Westward	5PXL0
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Widia GTD	4AHW9
1/2"-13	26	1 1/2 in	3 3/8 in	H3	Cleveland	435N73

Tap Thread Size	Tap Thread Size	Thread Length	Overall Length	Pitch Diameter Limit	Brand	Item No.
1/2"-20	27	1 1/2 in	3 3/8 in	H3	Widia GTD	4GR47
1/2"-20	27	1 1/2 in	3 3/8 in	H3	Greenfield Threading	15J780
1/2"-20	27	1 1/2 in	3 3/8 in	H3	Westward	5PXL2
1/2"-20	27	1 1/2 in	3 3/8 in	H3	Widia GTD	4AHX7
1/2"-18	29	1 1/2 in	3 1/2 in	H3	Widia GTD	4GR55
1/2"-18	29	1 1/2 in	3 1/2 in	H3	Cleveland	435N89
1/2"-18	29	1 1/2 in	3 1/2 in	H3	Greenfield Threading	15J782
1/2"-18	29	1 1/2 in	3 1/2 in	H3	Widia GTD	4AKC5
1/2"-16	30.8	1 1/2 in	4 1/2 in	H3	Greenfield Threading	15J786
1/2"-18	31	1 1/2 in	3 1/2 in	H3	Widia GTD	4GR63
1/2"-18	31	1 1/2 in	3 1/2 in	H3	Cleveland	435N99
1/2"-18	31	1 1/2 in	3 1/2 in	H3	Greenfield Threading	15J784
1/2"-18	31	1 1/2 in	3 1/2 in	H3	Widia GTD	4AKF3
1/2"-16	33	1 1/2 in	4 1/4 in	H3	Cleveland	435P28
1/2"-16	33	2 in	4 1/4 in	H3	Widia GTD	4GR71
1/2"-16	33	2 in	4 1/4 in	H3	Greenfield Threading	15J788
1/2"-16	33	2 in	4 1/4 in	H3	Westward	5TVY8
1/2"-16	33	2 in	4 1/4 in	H3	Widia GTD	4AKH1
1/2"-14	35	2 1/2 in	4 1/2 in	2B	Widia GTD	53MN66
1/2"-14	35	2 1/2 in	4 1/2 in	H4	Cleveland	435P42
1/2"-14	35	2 1/2 in	4 1/2 in	H4	Greenfield Threading	15J790
1/2"-14	35	2 1/2 in	4 1/2 in	H4	Westward	5TVZ0
1/2"-14	35	2 1/2 in	4 1/2 in	H4	Widia GTD	1C923
1"-12	37	2 1/2 in	5 1/8 in	2B	Widia GTD	53MN63
1"-12	37	2 1/2 in	5 1/8 in	H4	Cle-Line	50AN89
1"-12	37	2 1/2 in	5 1/8 in	H4	Widia GTD	4GZ76
1"-12	41	2 1/2 in	5 1/8 in	H4	Widia GTD	4GZ91
4 Flute, UNS						
3/8"-24	17.5	1/2 in	2 3/8 in	2B	Widia GTD	53MN67
1/2"-11	30.4	1 1/2 in	4 1/2 in	H3	Cle-Line	407D54
1/2"-11	30.4	1 1/2 in	4 1/2 in	H3	Cleveland	435P11
1/2"-16	30.8	1 1/2 in	4 1/2 in	H3	Cle-Line	407D55
1/2"-16	30.8	1 1/2 in	4 1/2 in	H3	Cleveland	435P15
1"-14	38	2 1/2 in	5 1/8 in	H4	Cleveland	435P56
1"-14	38	2 1/2 in	5 1/8 in	H4	Greenfield Threading	15J792
1"-14	38	2 1/2 in	5 1/8 in	H4	Widia GTD	53ML60
6 Flute, UNF						
1 1/2"-12	1 1/56	3 in	6 3/8 in	H4	Widia GTD	4HF16
1 1/4"-12	44	2 3/8 in	5 3/4 in	H4	Widia GTD	4GZ99
1 3/8"-12	47	3 in	6 1/2 in	H4	Widia GTD	53ML52
Right Hand, TiN-Coated, High-Speed Steel						
3 Flute, Metric						
M2-0.40	198	11.11 mm	44.45 mm	D3	Greenfield Threading	434Y80
M2.5-0.45	198.2	12.70 mm	46.04 mm	D3	Greenfield Threading	434Y81
M3-0.50	199	7.87 mm	49.28 mm	D3	Greenfield Threading	434Y82
3 Flute, UNC						
#2-56	#1	1/2 in	1 3/4 in	H2	Greenfield Threading	53PW29
#3-48	#3	1/2 in	1 1/2 in	H2	Greenfield Threading	434Y92
#4-40	#6.5	1/2 in	1 1/8 in	H2	Greenfield Threading	53PW18
#5-40	#7	1/2 in	1 1/8 in	H2	Greenfield Threading	53PW12
#6-32	#9	1/2 in	2 in	H3	Greenfield Threading	53PW10
3 Flute, UNF						
#3-56	.04	1/2 in	1 1/2 in	H2	Greenfield Threading	434Y93
#4-48	.06	1/2 in	1 1/8 in	H2	Greenfield Threading	53PW17
#5-44	.08	1/2 in	1 1/8 in	H2	Greenfield Threading	53PW11
#6-40	.10	1/2 in	2 in	H2	Greenfield Threading	53PW09
4 Flute, Metric						
M4-0.70	200	9.65 mm	54.10 mm	D4	Greenfield Threading	434Y83
M5-0.80	201	12.70 mm	60.45 mm	D4	Greenfield Threading	434Y84
M6-1.00	202.1	16.00 mm	63.50 mm	D5	Greenfield Threading	434Y85
M8-1.25	204.1	17.53 mm	69.09 mm	D5	Greenfield Threading	434Y86
M10-1.50	207	19.05 mm	74.68 mm	D6	Greenfield Threading	434Y87
M12-1.75	210	23.88 mm	85.85 mm	D6	Greenfield Threading	434Y88
M14-2.00	212	25.40 mm	91.19 mm	D7	Greenfield Threading	434Y89
M16-2.00	214	25.40 mm	96.77 mm	D7	Greenfield Threading	434Y90
4 Flute, UNC						
#8-32	#11	3/8 in	2 1/8 in	H3	Greenfield Threading	53PW04
#10-24	#13	1/2 in	2 3/8 in	H3	Greenfield Threading	53PW32
#12-24	#15	1/2 in	2 3/8 in	H3	Greenfield Threading	53PW30
1/4"-20	18	5/8 in	2 1/2 in	H3	Greenfield Threading	53PW34
3/8"-18	20	1 1/4 in	2 3/32 in	H3	Greenfield Threading	53PW16
3/8"-16	22	3/4 in	2 1/2 in	H3	Greenfield Threading	53PW20
1/2"-14	24	1/2 in	3 3/8 in	H3	Greenfield Threading	53PW08
1/2"-13	26	1 1/4 in	3 3/8 in	H3	Greenfield Threading	53PW36
3/8"-12	28	1	3 1/2 in	H3	Greenfield Threading	53PW02
3/8"-11	30	1 1/4 in	3 1/2 in	H3	Greenfield Threading	53PW14
3/8"-10	32	1 1/2 in	4 1/4 in	H3	Greenfield Threading	53PW28
3/8"-9	34	2 1/2 in	4 1/2 in	H4	Greenfield Threading	53PW05
1"-8	36	2 1/2 in	5 1/8 in	H4	Greenfield Threading	53PW37
4 Flute, UNF						
#8-36	#12	3/8 in	2 1/8 in	H2	Greenfield Threading	53PW03
#10-32	#14	1/2 in	2 3/8 in	H3	Greenfield Threading	53PW31
1/4"-28	19	5/8 in	2 1/2 in	H3	Greenfield Threading	53PW