



**Right Hand
60HLO4**

REGAL CUTTING TOOLS

Acme Taps

- High-speed steel material
- Bright (uncoated) finish
- 4 flutes
- 2G thread limit/class of fit

Taps create trapezoidal Acme threads, which have a 29° thread angle and are stronger than similarly sized square threads. Acme taps are used for threading through holes on parts that allow rotation or transversing (straight-line) movement on equipment that will bear heavy loads, such as jacks, valves, and presses. They are installed in tap holders in rigid setups such as drill presses and milling machines.

Thread Size	Thread Length	Overall Length	Item No.
Left Hand			
1"-5	5 1/4 in	10.1300 in	60HL30
1 1/8"-5	2.5600 in	5.4400 in	60HL33
1 1/8"-5	5 1/4 in	10 1/4 in	60HL35
1 1/4"-5	2.5600 in	5 1/4 in	60HL37
1 1/4"-5	5 1/4 in	11.1300 in	60HL39
1 3/8"-4	3 in	6.0600 in	60HL41
1 3/8"-4	5.8800 in	12 1/4 in	60HL43
1 1/2"-4	3 in	6.3800 in	60HL45
1 1/2"-4	5.8800 in	12.6300 in	60HL47
Right Hand			
3/8"-12	2.1300 in	4.0600 in	60HLO4
1/2"-10	1.6600 in	3.3800 in	60HLO5
1/2"-10	2.5600 in	5 in	60HLO7
5/8"-8	1.8100 in	3.8100 in	60HLO9
5/8"-8	3.1900 in	6 1/4 in	60HLO11
3/4"-10	2 in	4 1/4 in	60HLO22
3/4"-5	2 in	4 1/4 in	60HLO13
3/4"-5	2 in	4 1/4 in	60HLO14
3/4"-6	2 in	4 1/4 in	60HLO15
3/4"-6	4.3100 in	7.9400 in	60HLO17
3/4"-8	2 in	4 1/4 in	60HLO19



**Black Oxide
33YW96**



REGAL CUTTING TOOLS

Pulley Taps

- Right-hand thread direction
- High-speed steel material
- 4 flutes
- H3 thread limit

Pulley taps make internal threads in set-screw holes on pulley assemblies, and they each have a long shank that acts as an alignment guide as the tap reaches through a pulley hub to access the holes. The taps can access hard-to-reach holes that a standard tap could not reach, and their shank diameter is roughly equal to their thread diameter.

Thread Size	Thread Length	Overall Length	75% Thread Drill Size	Brand	Item No.
Black Oxide					
1/4"-20	1 in	6 in	#7	OSG	33PD22
1/4"-20	1 in	8 in	#7	OSG	33YW96
3/8"-18	1 1/8 in	6 in	F	OSG	33YW97
3/8"-18	1 1/8 in	8 in	F	OSG	33YW98
3/8"-16	1 1/4 in	6 in	5/16 in	OSG	33YW99
3/8"-16	1 1/4 in	8 in	5/16 in	OSG	33YX01
3/8"-16	1 1/4 in	10 in	5/16 in	OSG	33YX02
1/2"-14	1 2/4 in	6 in	U	OSG	33YX03
1/2"-14	1 2/4 in	8 in	U	OSG	33YX04
1/2"-13	1 2/4 in	6 in	2 1/4 in	OSG	33YX05
1/2"-13	1 2/4 in	8 in	2 1/4 in	OSG	33YX06
1/2"-13	1 2/4 in	10 in	2 1/4 in	OSG	33YX07
1/2"-13	1 2/4 in	12 in	2 1/4 in	OSG	33YX08
5/8"-11	1 5/8 in	6 in	13.60 mm	OSG	33YX09
5/8"-11	1 5/8 in	8 in	13.60 mm	OSG	33YX10
5/8"-11	1 5/8 in	10 in	13.60 mm	OSG	33YX11
5/8"-11	1 5/8 in	12 in	13.60 mm	OSG	33YX12
3/4"-10	2 in	10 in	16.50 mm	OSG	33YX13
3/4"-10	2 in	12 in	16.50 mm	OSG	33YX14
Bright (Uncoated)					
3/8"-18	1 1/8 in	2 2/4 in	F	Regal Cutting Tools	39TA79
1/2"-13	1 2/4 in	6 in	2 1/4 in	Regal Cutting Tools	39TA82

Extension Taps

- Right-hand thread direction

Extension taps have long shanks that let them tap deep or hard-to-reach holes. They create internal threads in holes, and their reduced-diameter shank clears the hole when tapping a hole at a depth that is greater than the taps' thread length.

Thread Size	Thread Length	Overall Length	75% Thread Drill Size	Item No.
Black Oxide Finish, High-Performance Spiral Point				
UNC, 2 Flute				
#4-40	9/32 in	4 in	2.30 mm	2PFH3
#4-40	9/32 in	6 in	2.20 mm	33XW06
#6-32	23/64 in	4 in	#34	2PFH4
#6-32	23/64 in	6 in	#34	2PFH5
#6-32	3/8 in	6 in	#36	33YH35
UNC, 3 Flute				
#10-24	31/64 in	4 in	#23	2PFH8
#10-24	31/64 in	6 in	#23	2PFH1
#8-32	23/64 in	4 in	3.50 mm	2PFH6
#8-32	23/64 in	6 in	3.50 mm	2PFH7
1/4"-20	19/32 in	4 in	#5	2PFK3
1/4"-20	19/32 in	6 in	#5	2PFJ2
5/16"-18	21/32 in	6 in	1 1/4 in	2PFJ4
3/8"-16	3/4 in	6 in	P	2PFJ5
3/8"-16	59/64 in	6 in	5/16 in	33YH49
7/16"-14	27/32 in	6 in	V	2PFJ6
1/2"-13	29/32 in	6 in	11.00 mm	2PFJ7
3/8"-11	1 3/4 in	6 in	13.90 mm	2PFJ8
UNF, 3 Flute				
#10-32	31/64 in	4 in	4.15 mm	2PFH9
#10-32	31/64 in	6 in	4.15 mm	2PFJ1
1/4"-28	19/32 in	6 in	7/32 in	2PFH2
7/16"-20	27/32 in	6 in	10.00 mm	2PFK2
1/2"-20	29/32 in	6 in	11.60 mm	2PFJ3
TiCN-Coated, High-Performance Spiral Point				
Metric Coarse, 3 Flute				
M10x1.5	18.00 mm	150.00 mm	8.50 mm	54LJ96
M14x2	24.00 mm	150.00 mm	12.00 mm	54LK05
M16x2	24.00 mm	160.00 mm	14.00 mm	54LK10
M24x3	35.00 mm	200.00 mm	53/64 in	54LK26
M4x0.7	8.00 mm	100.00 mm	3.30 mm	54ML86
M5x0.8	9.00 mm	125.00 mm	4.22 mm	54LJ85
M6x1	11.00 mm	150.00 mm	5.00 mm	54LJ89
M8x1.25	15.00 mm	150.00 mm	H	54LJ92
Metric Fine, 3 Flute				
M10x1	18.00 mm	150.00 mm	9.00 mm	54LJ94
M10x1.25	18.00 mm	150.00 mm	1 1/32 in	54LJ95
M12x1	21.00 mm	180.00 mm	11.00 mm	54LJ97
M12x1.5	21.00 mm	180.00 mm	10.50 mm	54LJ99
M5x0.5	9.00 mm	125.00 mm	#16	54LJ84
Metric Fine, 4 Flute				
M18x2	29.00 mm	180.00 mm		54LK13
UNC, 3 Flute				
#10-24	9/16 in	4 29/32 in	#25	54ML57
#8-32	7/16 in	4 29/32 in	3.40 mm	54ML55
1/4"-20	45/64 in	5 5/64 in	#7	54ML61
5/16"-18	51/64 in	5 5/64 in	F	54ML63
7/16"-14	27/32 in	5 5/64 in	U	54ML67
1/2"-13	29/32 in	7 5/64 in	2 1/4 in	54ML69
3/8"-11	1 3/4 in	7 5/64 in	13.60 mm	54ML73
3/4"-10	1 3/16 in	7 3/64 in	16.50 mm	54ML75
UNF, 3 Flute				
#10-32	31/64 in	5 5/64 in	#21	54ML58
3/8"-24	59/64 in	5 5/64 in	8.50 mm	54ML66
7/16"-20	27/32 in	5 5/64 in	9.95 mm	54ML68
1/2"-20	29/32 in	7 5/64 in	11.40 mm	54ML70
5/8"-18	1 5/64 in	7 5/64 in	14.50 mm	54ML74
3/4"-16	1 3/16 in	7 5/64 in	17.50 mm	54ML76
1"-12	1 1/2 in	7 5/64 in	23.30 mm	54ML80
TiCN-Coated High-Performance Spiral Flute				
Metric Coarse, 3 Flute				
M10x1.5	12.00 mm	150.00 mm	1 1/32 in	54MJ63
M12x1.75	14.00 mm	180.00 mm	10.30 mm	54MJ67
M16x2	16.00 mm	180.00 mm	14.00 mm	54MJ76
M6x1	7.00 mm	150.00 mm	0.2189 in	54MJ56
M8x1.25	10.00 mm	150.00 mm	I	54MJ59
Metric Coarse, 4 Flute				
M20x2.5	25.00 mm	200.00 mm	17.50 mm	54MJ82
M24x3	30.00 mm	200.00 mm	53/64 in	54MJ92
Metric Fine, 3 Flute				
M14x1.5	16.00 mm	150.00 mm	12.50 mm	54MJ70
M15x1	12.00 mm	160.00 mm		54MJ72
M8x1	10.00 mm	150.00 mm	9/32 in	54MJ58
Metric Fine, 4 Flute				
M18x1.5	16.00 mm	180.00 mm	16.50 mm	54MJ78
UNC, 2 Flute				
#8-32	1/4 in	4 29/32 in	3.40 mm	54MJ17
1/4"-20	25/64 in	5 5/64 in	#7	54MJ23
UNC, 3 Flute				
5/8"-16	1 1/2 in	5 5/64 in	5/16 in	54MJ27
1/2"-13	39/64 in	7 5/64 in	2 1/4 in	54MJ31
5/16"-12	27/32 in	7 5/64 in	12.20 mm	54MJ33
UNC, 4 Flute				
3/4"-10	1 in	7 5/64 in	16.50 mm	54MJ37
UNF, 2 Flute				
#10-32	5/16 in	5 5/64 in	#21	54MJ20
UNF, 3 Flute				
5/16"-18	27/32 in	7 5/64 in	12.90 mm	54MJ34



**Black Oxide
Finish,
High-Performance
Spiral Point
2PFH8**



**TiCN-Coated,
High-Performance
Spiral Point, Metric
Coarse, 3 Flute
54LJ96**



**TiCN-Coated
High-Performance
Spiral Flute
54MJ63**