

HIGH SPEED STEEL TAPER LENGTH OIL HOLE DRILLS

ICS USA

SPECIAL PURPOSE

PERFECT POINT



Perfect Point® Taper Length Oil Hole Drills are designed for tough jobs when higher feeds and increased speeds of 30% or more are used. They were originally used for high production work on screw machines and turret lathes. Coolants such as air, oil, or vapor mist make oil hole drills adaptable to a wide range of drilling operations. All ICS oil hole drills are compatible with all standard coolant delivery systems. For extra (100-300%) wear, specify titanium nitride coated oil hole drills. The Perfect Point® was specifically designed for high production work in steel drilling machines and will drill twice as many holes as cobalt oil hole drills. Up to 1500 drilled holes per drill is not uncommon.

Fractional Sizes (Straight Shank) 15/64" to 2" Dia.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	HSS		TIN COAT	
				OXIDE FINISH PERFECT PT.	OXIDE FINISH PERFECT PT.	OXIDE FINISH PERFECT PT.	OXIDE FINISH PERFECT PT.
				OHD-SS	OHD-SST	OHD-SS	OHD-SST
15/64	.2344	3-3/8	5-3/4	219.32	-	-	-
1/4	.2500	3-3/4	6-1/8	219.32	-	-	-
9/32	.2812	4	6-3/8	219.32	-	-	-
19/64	.2969	4	6-3/8	219.32	-	-	-
5/16	.3125	4	6-3/8	219.32	-	-	-
21/64	.3281	4-1/8	6-1/2	219.32	-	-	-
11/32	.3438	4-1/8	6-1/2	219.32	-	-	-
23/64	.3594	4-1/4	6-3/4	219.32	-	-	-
3/8	.3750	4-1/4	6-3/4	218.32	-	-	-
25/64	.3906	4-3/8	7	222.40	-	-	-
13/32	.4062	4-3/8	7	222.40	-	-	-
27/64	.4219	4-5/8	7-1/4	230.54	-	-	-
7/16	.4375	4-5/8	7-1/4	230.54	-	-	-
29/64	.4531	4-7/8	7-1/2	235.38	-	-	-
15/32	.4688	4-7/8	7-1/2	235.38	-	-	-
31/64	.4844	5	7-3/4	238.38	-	-	-
1/2	.5000	5	7-3/4	238.38	255.42	-	-
33/64	.5156	5-1/4	8	238.38	270.12	-	-
17/32	.5312	5-1/4	8	238.38	270.12	-	-
35/64	.5469	5-3/8	8-1/4	247.56	275.78	-	-
9/16	.5625	5-3/8	8-1/4	247.56	275.78	-	-
37/64	.5781	5-5/8	8-1/2	250.34	278.56	-	-
19/32	.5938	5-5/8	8-1/2	250.34	278.56	-	-
39/64	.6094	5-3/4	8-3/4	262.42	290.64	-	-
5/8	.6250	5-3/4	8-3/4	262.42	290.64	-	-
41/64	.6406	5-7/8	9	262.42	299.46	-	-
21/32	.6562	5-7/8	9	262.42	299.46	-	-
43/64	.6719	6	9-1/4	268.38	305.42	-	-
11/16	.6875	6	9-1/4	268.38	305.42	-	-
45/64	.7031	6-3/16	9-1/2	275.36	312.40	-	-
23/32	.7188	6-3/16	9-1/2	275.36	312.40	-	-
47/64	.7344	6-3/8	9-3/4	294.42	331.46	-	-
3/4	.7500	6-3/8	9-3/4	294.42	331.46	-	-
49/64	.7656	6-1/2	9-7/8	299.46	353.56	-	-
25/32	.7812	6-1/2	9-7/8	299.46	353.56	-	-
51/64	.7969	6-5/8	10	306.48	360.58	-	-
13/16	.8125	6-5/8	10	306.48	360.58	-	-
53/64	.8281	6-3/4	10-1/4	312.54	366.64	-	-
27/32	.8438	6-3/4	10-1/4	312.54	366.64	-	-
55/64	.8594	7	10-1/2	338.36	392.46	-	-
7/8	.8750	7	10-1/2	338.36	392.46	-	-
57/64	.8906	7	10-5/8	362.50	416.60	-	-

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	HSS		TIN COAT	
				OXIDE FINISH PERFECT PT.	OXIDE FINISH PERFECT PT.	OXIDE FINISH PERFECT PT.	OXIDE FINISH PERFECT PT.
				OHD-SS	OHD-SST	OHD-SS	OHD-SST
29/32	.9062	7	10-5/8	362.50	416.60	-	-
59/64	.9219	7	10-3/4	387.58	441.68	-	-
15/16	.9375	7	10-3/4	387.58	441.68	-	-
61/64	.9531	7-1/8	10-7/8	406.50	460.60	-	-
31/32	.9688	7-1/8	10-7/8	406.50	460.60	-	-
63/64	.9844	7-3/16	11	426.66	480.76	-	-
1	1.0000	7-3/16	11	426.66	480.76	-	-
1-1/64	1.0156	7-5/16	11-1/8	450.56	521.12	-	-
1-1/32	1.0312	7-5/16	11-1/8	450.56	521.12	-	-
1-3/64	1.0469	7-3/8	11-1/4	468.78	539.34	-	-
1-1/16	1.0625	7-3/8	11-1/4	468.78	539.34	-	-
1-5/64	1.0781	7-5/8	11-1/2	487.72	558.30	-	-
1-3/32	1.0938	7-5/8	11-1/2	487.72	558.30	-	-
1-7/64	1.1094	7-7/8	11-3/4	512.64	583.20	-	-
1-1/8	1.1250	7-7/8	11-3/4	512.64	583.20	-	-
1-9/64	1.1406	8	11-7/8	537.80	608.36	-	-
1-5/32	1.1562	8	11-7/8	537.80	608.36	-	-
1-11/64	1.1719	8-1/8	12	562.84	633.40	-	-
1-3/16	1.1875	8-1/8	12	562.84	633.40	-	-
1-13/64	1.2031	8-1/8	12-1/8	587.80	658.36	-	-
1-7/32	1.2188	8-1/8	12-1/8	627.00	658.36	-	-
1-15/64	1.2344	8-1/2	12-1/2	611.88	682.44	-	-
1-1/4	1.2500	8-1/2	12-1/2	611.88	682.44	-	-
1-17/64	1.2656	9-1/4	14-1/8	651.28	792.40	-	-
1-9/32	1.2812	9-1/4	14-1/8	651.28	792.40	-	-
1-19/64	1.2969	9-1/4	14-1/4	678.92	820.04	-	-
1-5/16	1.3125	9-1/4	14-1/4	678.92	820.04	-	-
1-21/64	1.3281	9-1/2	14-3/8	722.66	863.78	-	-
1-11/32	1.3438	9-1/2	14-3/8	722.66	863.78	-	-
1-23/64	1.3594	9-1/2	14-1/2	762.16	903.28	-	-
1-3/8	1.3750	9-1/2	14-1/2	762.16	903.28	-	-
1-13/32	1.4062	9-1/2	14-5/8	853.24	994.36	-	-
1-7/16	1.4375	9-1/8	14-3/4	853.24	994.36	-	-
1-15/32	1.4688	9-1/8	14-7/8	923.20	1064.32	-	-
1-1/2	1.5000	9-5/8	15	923.20	1064.32	-	-
1-9/16	1.5625	9-5/8	15-1/4	1023.40	1164.52	-	-
1-5/8	1.6250	9-7/8	15-5/8	1107.66	1248.76	-	-
1-11/16	1.6875	10	15-3/4	1258.22	1399.34	-	-
1-3/4	1.7500	10-1/2	16-1/4	1329.16	1470.28	-	-
1-13/16	1.8125	10-1/2	16-1/4	1340.02	1551.70	-	-
1-7/8	1.8750	10-3/4	16-1/2	1473.64	1614.76	-	-
1-15/16	1.9375	10-3/4	16-5/8	1582.62	1723.74	-	-
2	2.0000	10-3/4	16-5/8	1662.14	1803.26	-	-

STRAIGHT SHANK END TAPPED WITH A PIPE THREAD
 1/2 to 3/4 - 1/8 Taper Pipe Tap
 49/64 to 1-1/4 - 1/4 Taper Pipe Tap
 1-17/64 to 2 - 3/8 Taper Pipe Tap

SPECIAL SIZE OIL HOLE DRILLS CAN BE MADE TO YOUR REQUIREMENTS. LEFT HAND, COBALT, AND SLOW HELIX OIL HOLE DRILLS ARE ALSO AVAILABLE.