
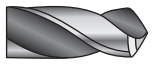


# HIGH SPEED STEEL SPECIAL POINT JOBBER LENGTH DRILLS

**ICS** **USA**

**SPECIAL PURPOSE**

**SPECIAL POINT**

ITEM NO.	DRILL POINT ILLUSTRATION	CUTTING APPLICATION / FEATURES	STEEL SPECS
<b>JD-PP</b>	 Perfect Point®	Perfect Point® Drills have 6 cutting edges and were initially developed by ICS to drill through layers of metal and wood with no metal burr breakthrough or wood grain tears and splinters. It will drill a perfectly round hole in metal, wood, and plastic. They combine the best features of metal and wood cutting drills and can be used to replace over a dozen styles of drill points for cutting.	M2
<b>JD-DAP</b>	 Double Angle Point	Double Angle (Cast Iron) Points have the features of both the conventional 118° point and the low angle 90° point. The secondary 90° point angle reduces wear and chipping to the outside cutting lip corners. This point will improve hole size and finish and may produce 3 times the number of holes before sharpening, compared to a conventional 118° point. It is used primarily for drilling cast iron, abrasive materials and to reduce breakthrough burr in soft materials and mild steel.	M2

## Fractional Sizes (Straight Shank) 1/16 To 1/2" Dia.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	HIGH SPEED STEEL	
				OXIDE FINISH	OXIDE FINISH
				JD-PP	JD-DAP
1/16	.0625	7/8	1-7/8	\$3.20	\$2.54
5/64	.0781	1	2	3.20	2.54
3/32	.0938	1-1/4	2-1/4	3.20	2.54
7/64	.1094	1-1/2	2-5/8	3.20	2.54
1/8	.1250	1-5/8	2-3/4	3.20	2.54
9/64	.1406	1-3/4	2-7/8	3.32	2.48
5/32	.1562	2	3-1/8	3.60	2.82
11/64	.1719	2-1/8	3-1/4	3.70	3.10
3/16	.1875	2-5/16	3-1/2	3.88	3.26
13/64	.2031	2-7/16	3-5/8	3.98	3.54
7/32	.2188	2-1/2	3-3/4	4.22	3.76
15/64	.2344	2-5/8	3-7/8	4.40	3.92
1/4	.2500	2-3/4	4	4.44	3.96
17/64	.2656	2-7/8	4-1/8	5.04	4.50
9/32	.2812	2-15/16	4-1/4	5.28	4.70
19/64	.2969	3-1/16	4-3/8	5.66	5.04
5/16	.3125	3-3/16	4-1/2	5.84	5.20
21/64	.3281	3-5/16	4-5/8	6.22	5.54
11/32	.3438	3-7/16	4-3/4	6.46	5.76
23/64	.3594	3-1/2	4-7/8	6.86	6.12
3/8	.3750	3-5/8	5	7.24	6.46
25/64	.3906	3-3/4	5-1/8	7.42	6.62
13/32	.4062	3-7/8	5-1/4	8.18	7.30
27/64	.4219	3-15/16	5-3/8	8.68	7.74
7/16	.4375	4-1/16	5-1/2	9.02	8.04
29/64	.4531	4-3/16	5-5/8	9.52	8.50
15/32	.4688	4-5/16	5-3/4	10.14	9.04
31/64	.4844	4-3/8	5-7/8	10.52	9.38
1/2	.5000	4-1/2	6	11.00	9.82

**PACKAGING**

1/16 to 17/64 - 12 Drills/Envelope  
9/32 to 1/2 - 6 Drills/Envelope

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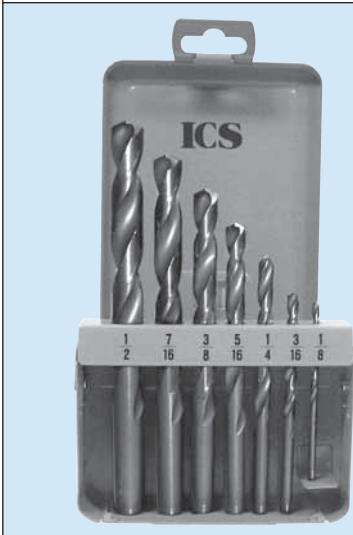
**ORDERING NOTE**

To complete your order, we may substitute or interchange black or bright drills, unless you have specified "no substitutions". Orders accepted in less than package quantity are subject to a 15% surcharge.

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**DRILL SETS**

Special Point Jobber Length Drill Sets can be found on page 63.



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