
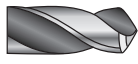


HIGH SPEED STEEL SPECIAL POINT JOBBER LENGTH DRILLS

ICS USA

SPECIAL PURPOSE

SPECIAL POINT

ITEM NO.	DRILL POINT ILLUSTRATION	CUTTING APPLICATION & FEATURES	STEEL SPECS
JD-PP	 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
JD-DAP	 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	PRICE			
				PERFECT POINT®	DOUBLE ANGLE POINT		
1/16	.0625	7/8	1-7/8	JD-PP004	3.36	JD-DAP004	2.68
5/64	.0781	1	2	JD-PP005	3.36	JD-DAP005	2.68
3/32	.0938	1-1/4	2-1/4	JD-PP006	3.36	JD-DAP006	2.68
7/64	.1094	1-1/2	2-5/8	JD-PP007	3.36	JD-DAP007	2.68
1/8	.1250	1-5/8	2-3/4	JD-PP008	3.36	JD-DAP008	2.68
9/64	.1406	1-3/4	2-7/8	JD-PP009	3.50	JD-DAP009	2.60
5/32	.1562	2	3-1/8	JD-PP010	3.78	JD-DAP010	2.96
11/64	.1719	2-1/8	3-1/4	JD-PP011	3.88	JD-DAP011	3.26
3/16	.1875	2-5/16	3-1/2	JD-PP012	4.08	JD-DAP012	3.42
13/64	.2031	2-7/16	3-5/8	JD-PP013	4.18	JD-DAP013	3.72
7/32	.2188	2-1/2	3-3/4	JD-PP014	4.44	JD-DAP014	3.96
15/64	.2344	2-5/8	3-7/8	JD-PP015	4.62	JD-DAP015	4.12
1/4	.2500	2-3/4	4	JD-PP016	4.66	JD-DAP016	4.16
17/64	.2656	2-7/8	4-1/8	JD-PP017	5.30	JD-DAP017	4.72
9/32	.2812	2-15/16	4-1/4	JD-PP018	5.54	JD-DAP018	4.94
19/64	.2969	3-1/16	4-3/8	JD-PP019	5.94	JD-DAP019	5.30
5/16	.3125	3-3/16	4-1/2	JD-PP020	6.14	JD-DAP020	5.46
21/64	.3281	3-5/16	4-5/8	JD-PP021	6.54	JD-DAP021	5.82
11/32	.3438	3-7/16	4-3/4	JD-PP022	6.78	JD-DAP022	6.06
23/64	.3594	3-1/2	4-7/8	JD-PP023	7.20	JD-DAP023	6.44
3/8	.3750	3-5/8	5	JD-PP024	7.60	JD-DAP024	6.78
25/64	.3906	3-3/4	5-1/8	JD-PP025	7.80	JD-DAP025	6.96
13/32	.4062	3-7/8	5-1/4	JD-PP026	8.60	JD-DAP026	7.66
27/64	.4219	3-15/16	5-3/8	JD-PP027	9.12	JD-DAP027	8.14
7/16	.4375	4-1/16	5-1/2	JD-PP028	9.48	JD-DAP028	8.44
29/64	.4531	4-3/16	5-5/8	JD-PP029	10.00	JD-DAP029	8.92
15/32	.4688	4-5/16	5-3/4	JD-PP030	10.66	JD-DAP030	9.50
31/64	.4844	4-3/8	5-7/8	JD-PP031	11.06	JD-DAP031	9.86
1/2	.5000	4-1/2	6	JD-PP032	11.56	JD-DAP032	10.32

PACKAGING

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

ORDERING NOTE

Orders accepted in less than package quantity are subject to a 15% surcharge.

DRILL SETS

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