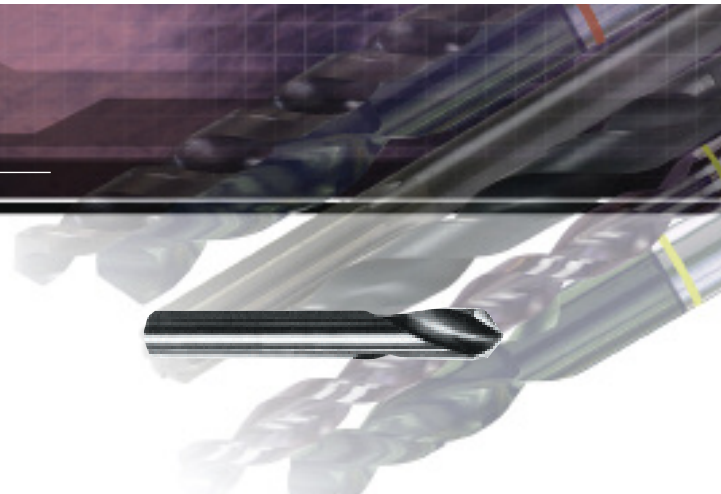


SPOT DRILLS, CENTRE DRILLS & VENT DRILLS



These drills are used for perfect alignment of the follow-on tool.

- Standard length
- 90° point
- Right hand cut
- 120° point



■ NC/CNC SPOTTING DRILLS

Size	Dec. Equiv.	Overall Length	90° Point Flute Length	Code No.	Price \$	120° Point Flute Length	Code No.	Price \$
1/4	.2500	2-1/2	3/4	116-346	24.30	21/32	116-352	24.60
3/8	.3750	3-1/8	1-1/8	116-347	26.20	1	116-353	26.50
1/2	.5000	3-3/4	1-3/8	116-348	33.40	1-3/16	116-354	33.90
5/8	.6250	4-3/8	1-5/8	116-349	44.30	1-15/32	116-355	43.80
3/4	.7500	5	1-7/8	116-350	55.80	1-3/4	116-356	63.20
1	1.0000	6	2-1/4	116-351	94.10	2-3/32	116-357	106.50



These drills are used for starting and centering screw machine operations. Their short flute and overall length increase rigidity while minimizing runout.

- 118° point

■ CENTRE DRILLS

Size	Dec. Equiv.	Flute Length	Overall Length	Code No.	Price \$	Size	Dec. Equiv.	Flute Length	Overall Length	Code No.	Price \$
#56	.0465	3/8	1-3/16	116-358	2.60	#21	.1590	1	1-1/2	116-369	4.10
1/16	.0625	3/8	1-3/16	116-359	2.60	#20	.1610	1	1-1/2	116-370	4.10
5/64	.0781	3/4	1-1/4	116-360	2.60	11/64	.1719	1	1-1/2	116-371	4.10
3/32	.0938	3/4	1-1/4	116-361	2.80	3/16	.1875	1	1-1/2	116-372	4.10
#41	.0960	3/4	1-1/4	116-362	2.80	13/64	.2031	1	1-1/2	116-373	4.10
#40	.0980	3/4	1-1/4	116-363	3.20	#5	.2055	1	1-1/2	116-374	4.10
7/64	.1094	3/4	1-1/4	116-364	2.80	7/32	.2188	1	1-1/2	116-375	4.10
1/8	.1250	3/4	1-1/4	116-365	2.40	1/4	.2500	1	1-1/2	116-376	4.60
#30	.1285	3/4	1-1/4	116-366	2.50	9/32	.2812	1	1-1/2	116-377	6.30
9/64	.1406	3/4	1-1/4	116-367	3.70	5/16	.3125	1	1-1/2	116-378	7.50
5/32	.1562	1	1-1/2	116-368	4.10	29/64	.4531	1	1-1/2	116-379	12.00

These drills are used for the tire mould industry.

■ VENT DRILLS

Size	Dec. Equiv.	Flute Length	Overall Length	Code No.	Price \$	Size	Dec. Equiv.	Flute Length	Overall Length	Code No.	Price \$
74	.0225	1	2	116-380	5.30	55	.0520	2-1/2	4-1/2	116-392	6.90
74	.0225	1	3	116-381	5.80	55	.0520	3	4	116-393	6.60
73	.0240	5/8	1-1/2	116-382	5.50	55	.0520	3-1/2	6-1/4	116-394	7.80
69	.0292	2	3	116-383	6.20	54	.0550	4	6	116-395	8.60
68	.0320	2	6	116-384	9.40	1/16	.0625	2-1/2	3-1/2	116-396	6.10
60	.0400	3	4	116-385	7.80	1/16	.0625	3	4	116-397	6.80
58	.0420	3	4	116-386	5.60	1/16	.0625	4	5	116-398	8.90
57	.0430	4	6	116-387	8.10	1/16	.0625	4	6	116-400	9.10
57	.0430	2	3	116-388	5.20	52	.0635	4	5	116-401	7.80
57	.0430	3	4	116-389	6.50	50	.0700	3	4	116-402	6.90
3/64	.0469	2	3	116-390	5.40	50	.0700	3	5	116-403	8.00
55	.0520	2-1/4	3	116-391	5.60	50	.0700	4	6	116-404	9.40