

Spotting & Centering Drills

NKS

NC Spotting Drills

90° & 120° ,High Speed Steel

Designed with a narrow chisel edge for quick starting and a constant web to allow for resharpener without the need for web thinning.



Flute Size	Length	OAL	HSS		Tin Coated	
			90° Order No.	120° Order No.	90° Order No.	120° Order No.
1/4"	3/4"	2-1/2"	216-2163	216-3163	216-6163	216-5163
		4	216-2164	216-3164	216-6164	216-5164
		6	216-2166	216-3166	216-6166	216-5166
3/8	1-1/8	3-1/8	216-2244	216-3244	216-6244	216-5244
		5	216-2245	216-3245	216-6245	216-5245
		7	216-2247	216-3247	216-6247	216-5247
1/2	1-3/8	3-3/4	216-2324	216-3324	216-6324	216-5324
		6	216-2326	216-3326	216-6326	216-5326
		8	216-2328	216-3328	216-6328	216-5328
5/8"	1-5/8"	4-3/8"	216-2405	216-3405	216-6405	216-5405
		7	216-2407	216-3407	216-6407	216-5407
		9	216-2409	216-3409	216-6409	216-5409
3/4	1-7/8	5	216-2485	216-3485	216-6485	216-5485
		8	216-2488	216-3488	216-6488	216-5488
		10	216-2489	216-3489	216-6489	216-5489
1	2-1/4	6	216-2646	216-3646	216-6646	216-5646
		8	216-2648	216-3648	216-6648	216-5648
		10	216-2649	216-3649	216-6649	216-5649

Extra Short Spot Drills

High Speed Steel



Size (mm)	Flute Length (mm)	Overall Length (mm)	Order No.
3.1	16	40	213-0031
3.2	16	40	213-0032
3.3	16	41	213-0033
4.1	16	44	213-0041
4.2	16	44	213-0042
4.7	20	48	213-0047
4.8	20	48	213-0048
4.9	22	50	213-0049
5.0	24	52	213-0050
5.2	24	52	213-0052

Micro drill Adapter Precision Drill Fixture

- Finer sensitive control
 - Reduced drill breakage
 - Easier small hole drilling using large high speed machinery
 - Reduction of rejected production parts due to broken drills
 - Consistent precision operation, runs without down time
 - Multiple operations on a single set-up
 - Applicable in mills, lathes, drill presses and jig borers
- Easy operation

Grasp free turning ring, feed with gentle Finger pressure, Auto Return upon release. Has JTO male taper.



Specification	Order No.
1/2" Straight shank, 3/4" Travel	830-2022

Spotting & Centering Drills

90° & 118° ,High Speed Steel , Right Hand & Left Hand

Prevent misalignment frequently caused by using regular drills for centering.

These short drills can be chucked close to the point ensuring accuracy and true starts.



Flute Size	Length	OAL	90°		118°	
			Right Hand Order No.	Left Hand Order No.	Right Hand Order No.	Left Hand Order No.
1/8"	3/8"	1-1/4"	216-1108	216-1308	216-1508	216-1708
3/16	1/2	1-3/8	216-1112	216-1312	216-1512	216-1712
1/4	5/8	1-1/2	216-1116	216-1316	216-1516	216-1716
5/16	5/8	1-1/2	216-1120	216-1320	216-1520	216-1720
3/8	1	2	216-1124	216-1324	216-1524	216-1724
7/16	1	2	216-1128	216-1328	216-1528	216-1728
1/2	1	2	216-1132	216-1332	216-1532	216-1732
9/16	1	2	216-1136	216-1336	216-1536	216-1736
5/8	1-1/8	2-1/4	216-1140	216-1340	216-1540	216-1740
3/4	1-1/8	2-1/4	216-1148	216-1348	216-1548	216-1748
7/8	1-1/4	2-1/2	216-1156	216-1356	216-1556	216-1756
1	1-1/4	2-1/2	216-1164	216-1364	216-1564	216-1764
1-1/4	2	4	216-1178	216-1378	216-1578	216-1778
1-1/2	1-1/2	5	216-1194	216-1394	216-1594	216-1794
1-3/4	2-3/4	5-1/2	216-1210	216-1410	216-1610	216-1810

Double End Sheet Metal Drills

High Speed Steel



Size (mm)	Flute Length (mm)	Overall Length (mm)	Order No.
3.0	11	46	216-0030
3.1	11	49	216-0031
3.2	11	49	216-0032
3.25	11	49	216-0033
3.3	11	49	216-0034
3.5	14	52	216-0035
4.0	14	55	216-0040
4.1	14	55	216-0041
4.2	14	55	216-0042
4.5	17	58	216-0045
4.8	17	62	216-0048
5.0	17	62	216-0050
5.2	17	62	216-0052

Hole Cutter

These Hole Cutters are recommended for use in hand held air or electric drill motors as well as light drill press applications in sheet metal, thin wall tubing, steel plate or any other larger diameter shallow hole cutting.

This tool centers quickly and is held securely in position after the pilot drill has entered the work piece. The cutter body then cuts a clean, burr-free hole faster than conventional twist drills or hole saws.

Tool life is significantly longer than other hole cutting tools.



Size	No. of Flutes	Order No.
1/2"	4	350-0001