

3N1™ DRILL POINT COUNTERSINKS



Carbide or High Speed Steel 3N1™ Drill Point, Double Ended Countersink

C'SINK DIA.	OVERALL LENGTH	SHANK LENGTH	CENTERLINE ANGLE INCLUDED ANGLE	30°	41°	45°	50°	55°	60°
			SEVERANCE NAME	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER
1/8"	1-1/2"	1-1/2"	3N1-1/8-DE-W	01650	01670	01680	01690	01700	01710
3/16"	1-7/8"	1-7/8"	3N1-3/16-DE-W	01651	01671	01681	01691	01701	01711
1/4"	2"	2"	3N1-1/4-DE-W	01652	01672	01682	01692	01702	01712
5/16"	2-1/8"	2-1/8"	3N1-5/16-DE-W	01653	01673	01683	01693	01703	01713
3/8"	2-1/2"	2-1/2"	3N1-3/8-DE-W	01654	01674	01684	01694	01704	01714
1/2"	3"	3"	3N1-1/2-DE-W	01655	01675	01685	01695	01705	01715
5/8"	3-1/4"	3-1/4"	3N1-5/8-DE-W	01656	01676	01686	01696	01706	01716
3/4"	3-1/2"	3-1/2"	3N1-3/4-DE-W	01657	01677	01687	01697	01707	01717

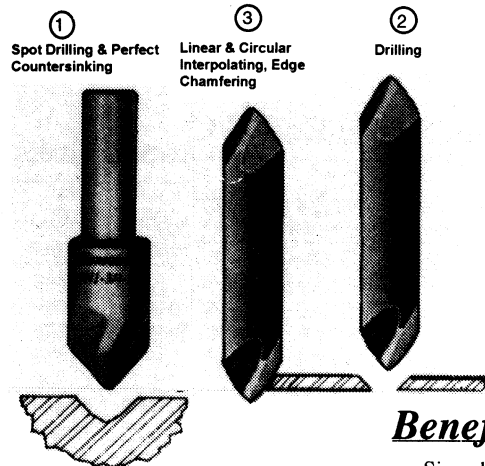


High Speed Steel 3N1™ Drill Point, Single Ended Countersinks

C'SINK DIA.	SHANK DIA.	OVERALL LENGTH	SHANK LENGTH	CENTERLINE ANGLE INCLUDED ANGLE	30°	41°	45°	50°	55°	60°
				SEVERANCE NAME	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER	ORDER NUMBER
1/8"	1/8"	1-5/8"	1-5/8"	3N1-1/8	01473	01488	01503	01518	01533	01548
3/16"	3/16"	1-5/8"	1-1/2"	3N1-3/16	01474	01489	01504	01519	01534	01549
1/4"	3/16"	1-1/2"	3/4"	3N1-1/4	01470	01485	01500	01515	01530	01545
5/16"	1/4"	1-3/4"	7/8"	3N1-5/16	01475	01490	01505	01520	01535	01550
3/8"	1/4"	1-3/4"	7/8"	3N1-3/8	01471	01486	01501	01516	01531	01546
1/2"	3/8"	2-1/8"	1-1/8"	3N1-1/2	01472	01487	01502	01517	01532	01547
5/8"	3/8"	2-3/8"	1-1/8"	3N1-5/8	01476	01491	01506	01521	01536	01551
3/4"	1/2"	2-11/16"	1-5/16"	3N1-3/4	01477	01492	01507	01522	01537	01552
7/8"	1/2"	2-13/16"	1-5/16"	3N1-7/8	01478	01493	01508	01523	01538	01553
1"	1/2"	2-13/16"	1-5/16"	3N1-1	01479	01494	01509	01524	01539	01554

How Does a 3N1™ Work?

Severance has developed a unique tool which combines the functions of a drill point and countersink and edge chamfer. A conventional thin-web drill point is blended into two flutes of a four-flute chatterfree countersink ... to perform two or all three of the steps in a spot-drill-countersink and edge chamfer operations. On thin material, such as illustration (2) below, drilling could be optional.



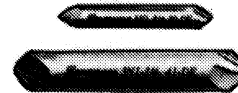
Save steps, setup, production time, and lower scrap rates with a Severance 3N1™ spotting tool. Specifically designed to give a true start spot and an accurate countersink chamfer on your part.

Available in:

single end



double end



in High Speed, Carbide and TiN Coated

*Spot Drill
Countersink
Edge Chamfer
The 3N1™ Cutter*

Benefits of a 3N1™ Drill Point Countersink

