

Tube and sheet drills

The ideal tool for sheet metal working in the following sectors of industries: electrical, sanitary engineering, heating technics, automotive, mechanical engineering, switching systems, aviation.

This tough tool is suitable for all standard industrial materials: nonferrous metal, special steel, thermoplastics and duroplastics as well as sheet metals up to 4,0 mm thickness.

This durable and versatile tool will center, spotdrill and bore - all in one smooth, high performance working cycle.

Special sizes available on request.



1. CBN ground flute

Because CBN ground flutes have better and sharper cutting edges - without burrs - unlike the conventional milled flutes. This guarantees a superior cutting edge and longer tool life.

2. Radially adjusted relief produced by CBN grinding

Because radially adjusted relief produced by CBN grinding relates directly to its diameter, the cutting edge is always the highest point of the diameter.

3. Flute

The straight or spiral flute offers absolute running smoothness and high cutting performance. In the spiral flute non-breaking chips in particular are transported away cleanly as with a spiral drill.

4. Cone at the end

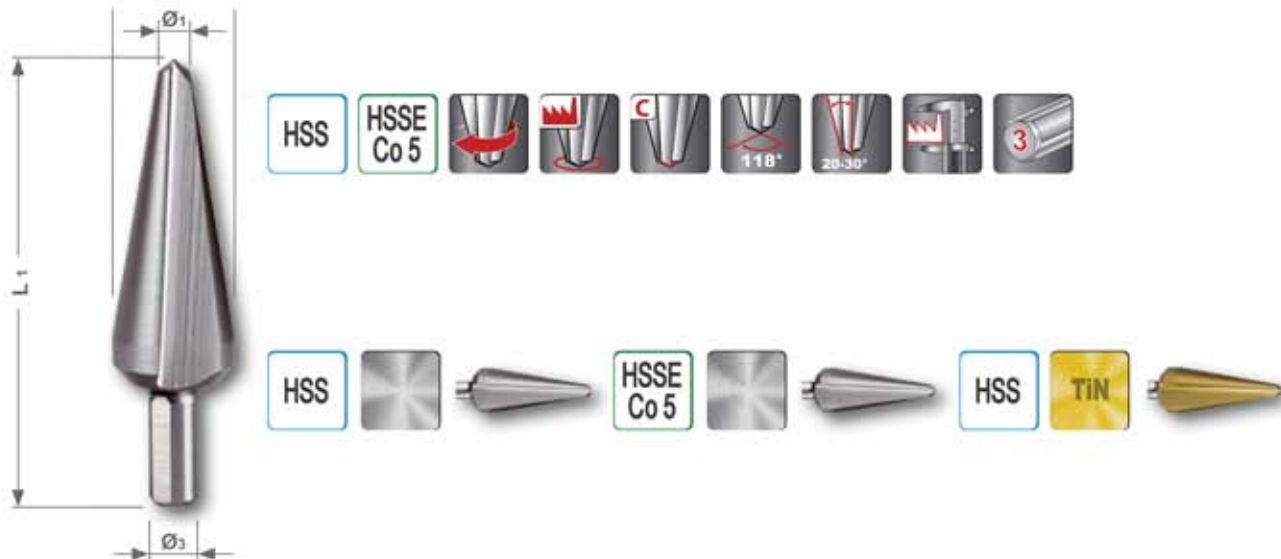
The cone at the end of these tube and sheet drills makes it easier to withdraw the tool from the material.

5. CBN ground bit with split point DIN 1412 C

The CBN ground bit ensures centering and spot-drilling even in thin-walled material.

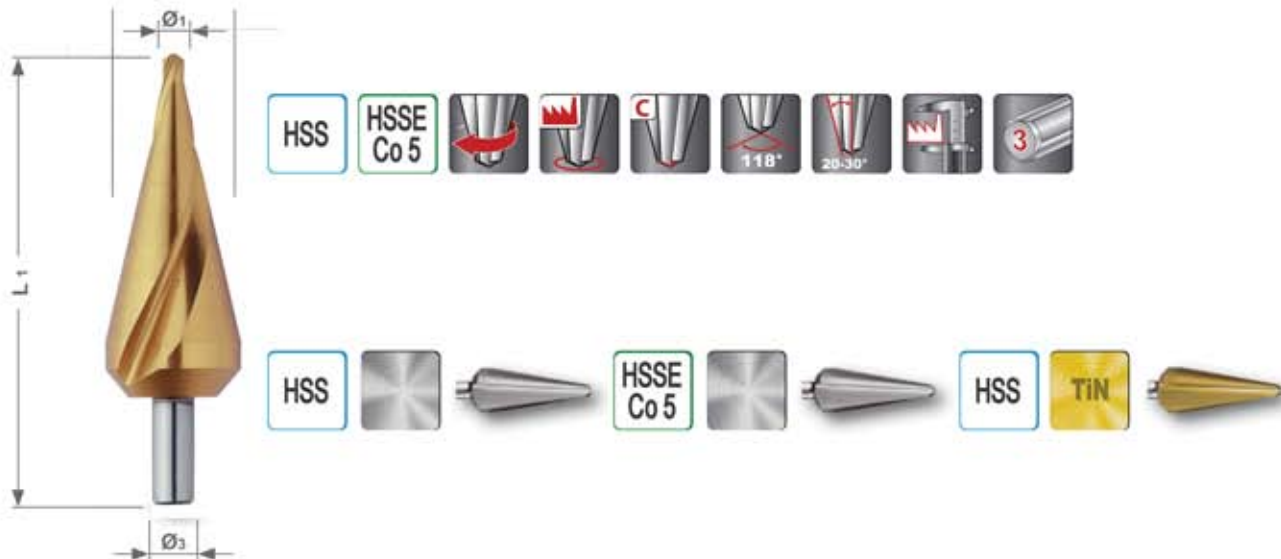


TUBE AND SHEET DRILL CBN GROUND



Size no.	Ø1-Ø2 mm	L1 mm	Ø3 mm	Article no.		
				HSS	HSS-Co	HSS-TiN
0/9	4.0 - 12.00	58.0	6.0	50501	50501E	50501T
1	4.0 - 20.00	71.0	8.0	50502	50502E	50502T
2	16.0 - 30.5	76.0	9.0	50503	50503E	50503T
3	24.0 - 40.0	89.0	10.0	50504	50504E	50504T
4	36.0 - 50.0	97.0	12.0	50505	50505E	50505T
5	5.0 - 25.4	103.0	13.0	50506	50506E	50506T
6	5.0 - 31.0	87.0	10.0	50507	50507E	50507T
7	5.0 - 22.5	103.0	9.0	50508	50508E	50508T
8		79.0	8.0	50509	50509E	50509T

TUBE AND SHEET DRILL CBN GROUND SPIRAL FLUTE



Size no.	\varnothing_1 - \varnothing_2 mm	L1 mm	\varnothing_3 mm	Article no.		
				HSS	HSS-Co	HSS-TiN
0/9	4.0 - 12.00	58.0	6.0	50501	50501E	50501T
1	4.0 - 20.00	71.0	8.0	50502	50502E	50502T
2	16.0 - 30.5	76.0	9.0	50503	50503E	50503T
3	24.0 - 40.0	89.0	10.0	50504	50504E	50504T
4	36.0 - 50.0	97.0	12.0	50505	50505E	50505T
5	5.0 - 25.4	103.0	13.0	50506	50506E	50506T
6	5.0 - 31.0	87.0	10.0	50507	50507E	50507T
7	5.0 - 22.5	103.0	9.0	50508	50508E	50508T
8		79.0	8.0	50509	50509E	50509T