

HSS circular saw blades for metal according CSN 222910



Materials: steel, cast, non-ferrous metals, plastic
Application: recommended for slotting the fragile and hard materials which make short chips, suitable for cutting thin-walled profiles
Machine: metal processing machines

Characteristic:

- » HSS circular saw blades with rough teeth
- » hollow ground with flange, standardly produced without driving pin holes and without groove
- » tooth form A (by request AW)
- » the cutting edge is very sharp; the chip clearance is reduced and it can't remove longer chips away from the cutting area efficiently
- » hollow ground according DIN 1840

The saw blades CSN 222910 with fine teeth and teeth form A are recommended for slotting the fragile and hard materials. The teeth form A is suitable especially on the thin saw blades with tooth pitch from 0,8 mm to 3,0 mm. The cutting edge is very sharp. The chip clearance is reduced and it cannot remove longer chips away from the cutting area efficiently. In standard modification the saw blades are made with taper ground without flange. They can be ordered with flange which is good for their stabilization, with driving pin holes or with groove and teeth form AW (the teeth form A with alternate chamfering).

HSS - circular saw blades for metal CSN 222910 - fine teeth, tooth form A

D (mm)	20	25	32	40	50	63	80	100	125	160	200	225	250	275	315
dH7 (mm)	5	8	8	10	13	16	22	22	22/27	32	32	32	32	32	32/40
B (mm)	number of teeth														
0,20 mm	80	80	100	128	128										
0,25 mm	64	80	100	100	128	160									
0,30 mm	64	80	80	100	128	128	160								
0,40 mm	64	64	80	100	100	128	160								
0,50 mm	48	64	80	80	100	128	128	160							
0,60 mm	48	64	64	80	100	100	128	160	160						
0,80 mm	48	48	64	80	80	100	128	128	160						
1,00 mm	40	48	64	64	80	100	100	128	160	160	200				
1,20 mm	40	48	48	64	80	80	100	128	128	160	200				
1,60 mm	40	40	48	64	64	80	100	100	128	160	160	180	200		
2,00 mm	32	40	48	48	64	80	80	100	128	128	160	180	200	220	
2,50 mm	32	40	40	48	64	64	80	100	100	128	160	140	160	200	200
3,00 mm		32	40	48	48	64	80	80	100	128	128	140	160	200	200
3,50 mm		32	40	48	48	64	80	80	100	128	128	140	160	160	200
4,00 mm			40	40	48	64	64	80	100	100	128	140	160	160	160
4,50 mm			40	40	48	64	64	80	100	100	128	140	160	140	160
5,00 mm				40	48	48	64	80	80	100	128	128	128	140	160
5,50 mm				40	48	48	64	80	80	100	128	128	128	140	160
6,00 mm					40	48	64	64	80	100	100	114	128	140	160

HSS slitting saws ? coarse with Coarse Pitch as to DIN 1838 Toothform B. Used for medium deep cutting and cut-off operations. Hollow ground on both sides to prevent binding.

D (mm)	2 1/2"	3"	3 1/2"	4"	4"	4 1/2"	5"	5"	6"	6"	7"	7"	8"	8"	10"	10"	12"	12"
dH7 (mm)	1"	1"	1"	1"	1 1/4"	1"	1"	1"	1 1/4"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"
B (mm)	number of teeth																	
1/6 4	26	30																
1/3 2	26	30	32	36		38	40		44	44								
3/6 4	26	30	32	36		38	40		44									
1/1 6	26	30	32	36	36	38	40	40	44	44	48		52	52	62	62		
5/6 4	26	30	32	36	36		40		44		48	48	52	52	62			
3/3 2	26	30	32	36		38	40	40	44	44	48	48	52	52	62	62		
7/6 4	26	30	32	36					44									
1/8	26	30	32	36	36		40	40	44	44	48	48	52	52	62	62	70	70
5/3 2		30	32	36			40		44	44	48		52		62			
3/1 6	26	30	32	36			40		44	44	48		52	52	62		70	
7/3 2		30	32	36	36		40		44		48		52		62			
1/4	26	30	32	36			40		44	44		48	52	52	62			

Slitting saws range is \varnothing 20 mm - \varnothing 315 mm with thicknesses ranging 0,2 mm - 6 mm in variable increments with tooth forms: A - B - BW. All standard saws are available in HP-GRIND execution but are readily available in VAPO or P.V.D. (Physical Vapour Deposition) coated execution. The above-mentioned examples of slitting saws are only a small overview of our production possibilities. We are ready to produce also different tools according to your documentation like prismatic cutters, gear milling cutters, profile cutters, shell end mills cutters, side and face milling cutters, halfcircle milling cutters convex, half circle milling cutters concave, corner rounding milling cutters, single angle milling cutters, double angle milling cutters , HSS Side Chip Clearance Saws straight teeth, M2 Side Chip Clearance Saws staggered tooth, HSS Side and Face Cutters straight teeth, HSS Side and Face Cutters staggered teeth.