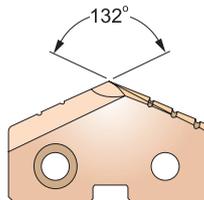


SPADE DRILL INSERTS - CARBIDE(K20)
EINWEG BOHREINSATZ - VOLLHARTMETALL(K20)

- ▶ For use in Gray cast iron up to 220 Brinell, nonferrous metals, copper, brass and aluminum.
- ▶ Set up time can be reduced due to changing inserts easily on the machine.
- ▶ Any non-standard size available.

- ▶ Zur Anwendung in Grauguss bis 220 Brinell, Nichteisen - Metallen, Kupfer, Messing und Aluminium
- ▶ Reduzierte Rüstzeiten, einfacher Einsatzwechsel auf der Maschine
- ▶ Jede Abmessung außerhalb des Kataloges lieferbar



cutting conditions : p.284

Series Min. to Max. (mm/inch)	Diameter			Thick Metric (mm/inch)	EDP No. CARBIDE (K20)			
	Inch (inch)	Metric (mm)	Decimal (inch)		TiN	TiCN	TiAlN	
0 12.98(.511") to 17.65(.695")	41/64"	16.27	.6406"	3.2 (1/8")	S1705041	S1710041	S1715041	
		16.50	.6496"		S1755165	S1760165	S1765165	
	21/32"	16.67	.6563"		S1705042	S1710042	S1715042	
		17.00	.6693"		S1755170	S1760170	S1765170	
	43/64"	17.07	.6719"		S1705043	S1710043	S1715043	
		17.46	.6875"		S1705044	S1710044	S1715044	
	17.50	.6890"	S1755175		S1760175	S1765175		
	1 17.53 (.690") to 24.38 (.960")	45/64"	17.86		.7031"	S1705045	S1710045	S1715045
		18.00	.7087"		S1755180	S1760180	S1765180	
		23/32"	18.26		.7188"	S1705046	S1710046	S1715046
18.50			.7283"	S1755185	S1760185	S1765185		
47/64"		18.65	.7344"	S1705047	S1710047	S1715047		
		19.00	.7480"	S1755190	S1760190	S1765190		
3/4"		19.05	.7500"	S1705048	S1710048	S1715048		
		19.45	.7656"	S1705049	S1710049	S1715049		
19.50		.7677"	S1755195	S1760195	S1765195			
25/32"		19.84	.7813"	S1705050	S1710050	S1715050		
		20.00	.7874"	S1755200	S1760200	S1765200		
51/64"		20.24	.7969"	S1705051	S1710051	S1715051		
		20.50	.8071"	S1755205	S1760205	S1765205		
13/16"		20.64	.8125"	S1705052	S1710052	S1715052		
		21.00	.8268"	S1755210	S1760210	S1765210		
27/32"		21.43	.8438"	S1705054	S1710054	S1715054		
		21.83	.8594"	S1705055	S1710055	S1715055		
22.00		.8661"	S1755220	S1760220	S1765220			
7/8"	22.23	.8750"	S1705056	S1710056	S1715056			
	22.62	.8906"	S1705057	S1710057	S1715057			
23.00	.9055"	S1755230	S1760230	S1765230				
29/32"	23.02	.9063"	S1705058	S1710058	S1715058			
	23.42	.9219"	S1705059	S1710059	S1715059			
59/64"	23.42	.9219"	S1705060	S1710060	S1715060			
	23.81	.9375"	S1755240	S1760240	S1765240			
24.00	.9449"							

◎ : Excellent ○ : Good

Non-alloyed Steels, Free Machining Steels	Carbon Steels		Alloy Steels		High Alloyed steels		Structural Steels		Tool Steels		Stainless Steels	Cast Iron		Aluminum	Copper Alloys
	-HRc24 (-HB250)	-HRc28 (-HB275)	HRc28~ (-HB275~)	-HRc28 (-HB275)	HRc28~ (-HB275~)	-HRc37 (-HB350)	HRc37~ (-HB350~)	-HRc24 (-HB250)	HRc24~ (-HB250~)	-HRc13 (-HB200)		HRc13~ (-HB200~)	-HRc28 (-HB275)		
○	○	○	○	○	◎	◎	○	○	○	○	◎	○	○	◎	◎