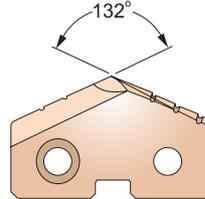


SPADE DRILL INSERTS - CARBIDE(K20) EINWEG BOHREINSATZ - VOLLHARTMETALL(K20)

- ▶ 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.		
	Inch (inch)	Metric (mm)	Decimal (inch)		CARBIDE (K20)		
					TiN	TiCN	TiAlN
Y 9.50 (.374") to 11.07 (.436")	3/8"	9.50	.3740"	2.4 (3/32")	S1755095	S1760095	S1765095
		9.53	.3750"		S1705024	S1710024	S1715024
	25/64"	9.80	.3860"		S1755098	S1760098	S1765098
		9.92	.3906"		S1705025	S1710025	S1715025
	13/32"	10.00	.3937"		S1755100	S1760100	S1765100
		10.20	.4016"		S1755102	S1760102	S1765102
	27/64"	10.32	.4063"		S1705026	S1710026	S1715026
		10.50	.4134"		S1755105	S1760105	S1765105
	11.00	10.72	.4219"		S1705027	S1710027	S1715027
		10.80	.4252"		S1755108	S1760108	S1765108
Z 11.11(.437") to 12.95(.510")	7/16"	11.00	.4331"	2.4 (3/32")	S1755110	S1760110	S1765110
		11.11	.4375"		S1705028	S1710028	S1715028
	29/64"	11.50	.4528"		S1755115	S1760115	S1765115
		11.51	.4531"		S1705029	S1710029	S1715029
	15/32"	11.91	.4688"		S1705030	S1710030	S1715030
		12.00	.4724"		S1755120	S1760120	S1765120
	31/64"	12.30	.4844"		S1705031	S1710031	S1715031
12.50		.4921"	S1755125	S1760125	S1765125		
1/2"	12.70	.5000"	S1705032	S1710032	S1715032		
0 12.98 (.511") to 17.65 (.695")	33/64"	13.00	.5118"	3.2 (1/8")	S1755130	S1760130	S1765130
		13.10	.5156"		S1705033	S1710033	S1715033
	17/32"	13.49	.5313"		S1705034	S1710034	S1715034
		13.50	.5315"		S1755135	S1760135	S1765135
	35/64"	13.89	.5469"		S1705035	S1710035	S1715035
		14.00	.5512"		S1755140	S1760140	S1765140
	9/16"	14.29	.5625"		S1705036	S1710036	S1715036
		14.50	.5709"		S1755145	S1760145	S1765145
	37/64"	14.68	.5781"		S1705037	S1710037	S1715037
		15.00	.5906"		S1755150	S1760150	S1765150
	19/32"	15.08	.5938"		S1705038	S1710038	S1715038
		15.48	.6094"		S1705039	S1710039	S1715039
	39/64"	15.50	.6102"		S1755155	S1760155	S1765155
15.88		.6250"	S1705040	S1710040	S1715040		
5/8"	16.00	.6299"	S1755160	S1760160	S1765160		

◎ : 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)	-HRc19 (-HB220)	HRc19~ (HB220~)	-HRc8 (-HB180)
○	○	○	○	○	◎	◎	○	○	○	○	◎	○	○	◎	◎