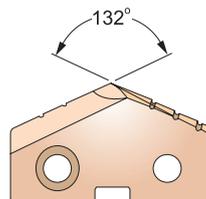


YG SPADE DRILLS

SERIES **Y,Z,0**

SPADE DRILL INSERTS FOR CAST IRON - CARBIDE(K10) EINWEG BOHREINSATZ - VOLLHARTMETALL(K10)

- ▶ High performance on Gray cast iron over 220 Brinell, malleable cast iron with short chips, silicon aluminum and copper alloys.
- ▶ Set up time can be reduced due to changing inserts easily on the machine.
- ▶ Any non-standard size available.
- ▶ Beste Leistung in Grauguss über 220 Brinell, kurzspanendem Kugelgraphitguss, Si-Aluminium und Kupferlegierungen
- ▶ 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 (K10)		
	Inch (inch)	Metric (mm)	Decimal (inch)		TiN	TiCN	TiAlN
Y 9.50 (.374") to 11.07 (.436")	3/8"	9.50	.3740"	2.4 (3/32")	S1655095	S1660095	S1665095
		9.53	.3750"		S1605024	S1610024	S1615024
	25/64"	9.80	.3860"		S1655098	S1660098	S1665098
		9.92	.3906"		S1605025	S1610025	S1615025
	13/32"	10.00	.3937"		S1655100	S1660100	S1665100
		10.20	.4016"		S1655102	S1660102	S1665102
	27/64"	10.32	.4063"		S1605026	S1610026	S1615026
		10.50	.4134"		S1655105	S1660105	S1665105
	11.07	10.72	.4219"		S1605027	S1610027	S1615027
		10.80	.4252"		S1655108	S1660108	S1665108
Z 11.11(.437") to 12.95(.510")	7/16"	11.00	.4331"	2.4 (3/32")	S1655110	S1660110	S1665110
		11.11	.4375"		S1605028	S1610028	S1615028
	29/64"	11.50	.4528"		S1655115	S1660115	S1665115
		11.51	.4531"		S1605029	S1610029	S1615029
	15/32"	11.91	.4688"		S1605030	S1610030	S1615030
		12.00	.4724"		S1655120	S1660120	S1665120
	31/64"	12.30	.4844"		S1605031	S1610031	S1615031
		12.50	.4921"		S1655125	S1660125	S1665125
	1/2"	12.70	.5000"		S1605032	S1610032	S1615032
		13.00	.5118"		S1655130	S1660130	S1665130
0 12.98 (.511") to 17.65 (.695")	33/64"	13.10	.5156"	3.2 (1/8")	S1605033	S1610033	S1615033
		13.49	.5313"		S1605034	S1610034	S1615034
	17/32"	13.50	.5315"		S1655135	S1660135	S1665135
		13.89	.5469"		S1605035	S1610035	S1615035
	9/16"	14.00	.5512"		S1655140	S1660140	S1665140
		14.29	.5625"		S1605036	S1610036	S1615036
	37/64"	14.50	.5709"		S1655145	S1660145	S1665145
		14.68	.5781"		S1605037	S1610037	S1615037
	19/32"	15.00	.5906"		S1655150	S1660150	S1665150
		15.08	.5938"		S1605038	S1610038	S1615038
39/64"	15.48	.6094"	S1605039	S1610039	S1615039		
	15.50	.6102"	S1655155	S1660155	S1665155		
5/8"	15.88	.6250"	S1605040	S1610040	S1615040		
	16.00	.6299"	S1655160	S1660160	S1665160		

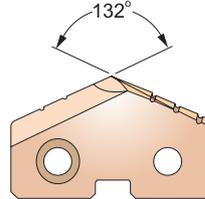
◎ : Excellent ○ : Good

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)		
												◎	◎		

SPADE DRILL INSERTS FOR CAST IRON - CARBIDE(K10) EINWEG BOHREINSATZ - VOLLHARTMETALL(K10)

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cutting conditions : p.284

Series Min. to Max. (mm/inch)	Diameter			Thick Metric (mm/inch)	EDP No.		
	Inch (inch)	Metric (mm)	Decimal (inch)		CARBIDE (K10)		
					TiN	TiCN	TiAlN
0 12.98(.511") to 17.65(.695")	41/64"	16.27	.6406"	3.2 (1/8")	S1605041	S1610041	S1615041
		16.50	.6496"		S1655165	S1660165	S1665165
	21/32"	16.67	.6563"		S1605042	S1610042	S1615042
		17.00	.6693"		S1655170	S1660170	S1665170
	43/64"	17.07	.6719"		S1605043	S1610043	S1615043
	11/16"	17.46	.6875"		S1605044	S1610044	S1615044
1 17.53 (.690") to 24.38 (.960")		17.50	.6890"	4.0 (5/32")	S1655175	S1660175	S1665175
	45/64"	17.86	.7031"		S1605045	S1610045	S1615045
		18.00	.7087"		S1655180	S1660180	S1665180
	23/32"	18.26	.7188"		S1605046	S1610046	S1615046
		18.50	.7283"		S1655185	S1660185	S1665185
	47/64"	18.65	.7344"		S1605047	S1610047	S1615047
		19.00	.7480"		S1655190	S1660190	S1665190
	3/4"	19.05	.7500"		S1605048	S1610048	S1615048
	49/64"	19.45	.7656"		S1605049	S1610049	S1615049
		19.50	.7677"		S1655195	S1660195	S1665195
	25/32"	19.84	.7813"		S1605050	S1610050	S1615050
		20.00	.7874"		S1655200	S1660200	S1665200
	51/64"	20.24	.7969"		S1605051	S1610051	S1615051
		20.50	.8071"		S1655205	S1660205	S1665205
	13/16"	20.64	.8125"		S1605052	S1610052	S1615052
		21.00	.8268"		S1655210	S1660210	S1665210
	27/32"	21.43	.8438"		S1605054	S1610054	S1615054
	55/64"	21.83	.8594"		S1605055	S1610055	S1615055
		22.00	.8661"		S1655220	S1660220	S1665220
	7/8"	22.23	.8750"		S1605056	S1610056	S1615056
57/64"	22.62	.8906"	S1605057	S1610057	S1615057		
	23.00	.9055"	S1655230	S1660230	S1665230		
29/32"	23.02	.9063"	S1605058	S1610058	S1615058		
59/64"	23.42	.9219"	S1605059	S1610059	S1615059		
15/16"	23.81	.9375"	S1605060	S1610060	S1615060		
	24.00	.9449"	S1655240	S1660240	S1665240		

◎ : Excellent ○ : Good

Non-alloy 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~ (-HB350)	-HRc37 (HB350~)	-HRc24 (-HB250)	HRc24~ (HB250~)	-HRc13 (-HB200)	HRc13~ (HB200~)					
												◎	◎		