

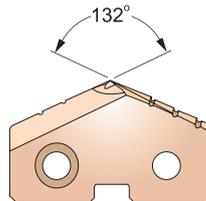
YG SPADE DRILLS

SERIES **Y,Z,0**

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

- ▶ High performance on Gray cast iron over 220 Brinell, malleable cast iron with short chips, silicon aluminum and copper alloys.
- ▶ Improved stability and hole straightness by newly developed thinning design.
- ▶ Less thrust force and excellent self-centering.
- ▶ Any non-standard size available.

- ▶ Beste Leistung in Grauguss über 220 Brinell, kurzspanendem Kugelgraphitguss, Si-Aluminium und Kupferlegierungen
- ▶ Erhöhte Stabilität und Fluchtgenauigkeit durch neu entwickelte Querschnittsgeometrie
- ▶ Verminderte Bohrkraft und ausgezeichnete Selbstzentrierung
- ▶ 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")	SM655095	SM660095	SM665095
		9.53	.3750"		SM605024	SM610024	SM615024
	25/64"	9.80	.3858"		SM655098	SM660098	SM665098
		9.92	.3906"		SM605025	SM610025	SM615025
	13/32"	10.00	.3937"		SM655100	SM660100	SM665100
		10.20	.4016"		SM655102	SM660102	SM665102
		10.32	.4062"		SM605026	SM610026	SM615026
		10.50	.4134"		SM655105	SM660105	SM665105
		10.72	.4219"		SM605027	SM610027	SM615027
		10.80	.4252"		SM655108	SM660108	SM665108
Z 11.11(.437") to 12.95(.510")	7/16"	11.00	.4331"	2.4 (3/32")	SM655110	SM660110	SM665110
		11.11	.4375"		SM605028	SM610028	SM615028
	11.50	.4528"	SM655115		SM660115	SM665115	
	29/64"	11.51	.4531"		SM605029	SM610029	SM615029
	15/32"	11.91	.4688"		SM605030	SM610030	SM615030
	12.00	.4724"	SM655120		SM660120	SM665120	
	31/64"	12.30	.4844"		SM605031	SM610031	SM615031
0 12.98 (.511") to 17.65 (.695")	1/2"	12.50	.4921"	3.2 (1/8")	SM655125	SM660125	SM665125
		12.70	.5000"		SM605032	SM610032	SM615032
	13.00	.5118"	SM655130		SM660130	SM665130	
	33/64"	13.10	.5156"		SM605033	SM610033	SM615033
	17/32"	13.49	.5312"		SM605034	SM610034	SM615034
	13.50	.5315"	SM655135		SM660135	SM665135	
	35/64"	13.89	.5469"		SM605035	SM610035	SM615035
	14.00	.5512"	SM655140		SM660140	SM665140	
	9/16"	14.29	.5625"		SM605036	SM610036	SM615036
	14.50	.5709"	SM655145		SM660145	SM665145	
37/64"	14.68	.5781"	SM605037	SM610037	SM615037		
5/8"	15.00	.5906"	SM655150	SM660150	SM665150		
	19/32"	15.08	.5938"	SM605038	SM610038	SM615038	
	39/64"	15.48	.6094"	SM605039	SM610039	SM615039	
	15.50	.6102"	SM655155	SM660155	SM665155		
	5/8"	15.88	.6250"	SM605040	SM610040	SM615040	
	16.00	.6299"	SM655160	SM660160	SM665160		

◎ : 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)		
												◎	◎		