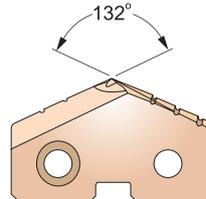


SM-POINT SPADE DRILL INSERTS - PREMIUM HSS M48 SM-POINT EINWEG BOHREINSATZ - PREMIUM HSS M48

- ▶ For use in high temperature alloys and materials with 350-500 Brinell.
- ▶ Improved stability and hole straightness by newly developed thinning design.
- ▶ Less thrust force and excellent self-centering.
- ▶ Any non-standard size available.

- ▶ Zur Anwendung bei hitzebeständigen Legierungen und Werkstoffen mit 350 - 500 Brinell
- ▶ Erhöhte Stabilität und Fluchtgenauigkeit durch neu entwickelte Querschnidengeometrie
- ▶ Verminderte Bohrkraft und ausgezeichnete Selbstzentrierung
- ▶ Jede Abmessung außerhalb des Kataloges lieferbar



cutting conditions : p.283

Series Min. to Max. (mm/inch)	Diameter			Thick Metric (mm/inch)	EDP No.		
	Inch (inch)	Metric (mm)	Decimal (inch)		PREMIUM HSS (M48)		
					TiN	TiCN	TiAlN
Y 9.50 (.374") to 11.07 (.436")	3/8"	9.50	.3740"	2.4 (3/32")	SM555095	SM560095	SM565095
		9.53	.3750"		SM505024	SM510024	SM515024
	25/64"	9.80	.3858"		SM555098	SM560098	SM565098
		9.92	.3906"		SM505025	SM510025	SM515025
	13/32"	10.00	.3937"		SM555100	SM560100	SM565100
		10.20	.4016"		SM555102	SM560102	SM565102
		10.32	.4062"		SM505026	SM510026	SM515026
		10.50	.4134"		SM555105	SM560105	SM565105
		10.72	.4219"		SM505027	SM510027	SM515027
		10.80	.4252"		SM555108	SM560108	SM565108
Z 11.11(.437") to 12.95(.510")	7/16"	11.00	.4331"	2.4 (3/32")	SM555110	SM560110	SM565110
		11.11	.4375"		SM505028	SM510028	SM515028
	29/64"	11.50	.4528"		SM555115	SM560115	SM565115
		11.51	.4531"		SM505029	SM510029	SM515029
	15/32"	11.91	.4688"		SM505030	SM510030	SM515030
		12.00	.4724"		SM555120	SM560120	SM565120
		12.30	.4844"		SM505031	SM510031	SM515031
0 12.98 (.511") to 17.65 (.695")	31/64"	12.50	.4921"	3.2 (1/8")	SM555125	SM560125	SM565125
		12.70	.5000"		SM505032	SM510032	SM515032
	13.00	.5118"	SM555130		SM560130	SM565130	
		13.10	.5156"		SM505033	SM510033	SM515033
	17/32"	13.49	.5312"		SM555135	SM560135	SM565135
		13.50	.5315"		SM505034	SM510034	SM515034
	35/64"	13.89	.5469"		SM555140	SM560140	SM565140
		14.00	.5512"		SM505035	SM510035	SM515035
	9/16"	14.29	.5625"		SM555145	SM560145	SM565145
		14.50	.5709"		SM505036	SM510036	SM515036
37/64"	14.68	.5781"	SM555150	SM560150	SM565150		
	15.00	.5906"	SM505037	SM510037	SM515037		
19/32"	15.08	.5938"	SM555155	SM560155	SM565155		
	15.48	.6094"	SM505038	SM510038	SM515038		
39/64"	15.50	.6102"	SM555160	SM560160	SM565160		
	15.88	.6250"	SM505039	SM510039	SM515039		
5/8"	15.88	.6250"	SM555160	SM560160	SM565160		
	16.00	.6299"					

◎ : 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)	-HB110
◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	○	○	○	○	○	○