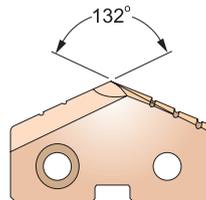


**SPADE DRILL INSERTS - PREMIUM HSS M48**  
**EINWEG BOHREINSATZ - PREMIUM HSS M48**

- ▶ For use in high temperature alloys and materials with 350~500 Brinell.
- ▶ Set up time can be reduced due to changing inserts easily on the machine.
- ▶ Any non-standard size available.

- ▶ Zur Anwendung bei hitzebeständigen Legierungen und Werkstoffen mit 350 - 500 Brinell
- ▶ Reduzierte Rüstzeiten, einfacher Einsatzwechsel auf der Maschine
- ▶ 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
<b>0</b>  12.98(.511") to 17.65(.695")	41/64"	16.27	.6406"	3.2 (1/8")	S1505041	S1510041	S1515041
		16.50	.6496"		S1555165	S1560165	S1565165
	21/32"	16.67	.6563"		S1505042	S1510042	S1515042
		17.00	.6693"		S1555170	S1560170	S1565170
	43/64"	17.07	.6719"		S1505043	S1510043	S1515043
	11/16"	17.46	.6875"		S1505044	S1510044	S1515044
		17.50	.6890"		S1555175	S1560175	S1565175
	45/64"	17.86	.7031"		S1505045	S1510045	S1515045
		18.00	.7087"		S1555180	S1560180	S1565180
	23/32"	18.26	.7188"		S1505046	S1510046	S1515046
	18.50	.7283"	S1555185	S1560185	S1565185		
47/64"	18.65	.7344"	S1505047	S1510047	S1515047		
	19.00	.7480"	S1555190	S1560190	S1565190		
3/4"	19.05	.7500"	S1505048	S1510048	S1515048		
49/64"	19.45	.7656"	S1505049	S1510049	S1515049		
	19.50	.7677"	S1555195	S1560195	S1565195		
<b>1</b>  17.53 (.690") to 24.38 (.960")	25/32"	19.84	.7813"	4.0 (5/32")	S1505050	S1510050	S1515050
		20.00	.7874"		S1555200	S1560200	S1565200
	51/64"	20.24	.7969"		S1505051	S1510051	S1515051
		20.50	.8071"		S1555205	S1560205	S1565205
	13/16"	20.64	.8125"		S1505052	S1510052	S1515052
		21.00	.8268"		S1555210	S1560210	S1565210
	27/32"	21.43	.8438"		S1505054	S1510054	S1515054
	55/64"	21.83	.8594"		S1505055	S1510055	S1515055
		22.00	.8661"		S1555220	S1560220	S1565220
	7/8"	22.23	.8750"		S1505056	S1510056	S1515056
	57/64"	22.62	.8906"		S1505057	S1510057	S1515057
		23.00	.9055"		S1555230	S1560230	S1565230
	29/32"	23.02	.9063"		S1505058	S1510058	S1515058
	59/64"	23.42	.9219"		S1505059	S1510059	S1515059
15/16"	23.81	.9375"	S1505060	S1510060	S1515060		
	24.00	.9449"	S1555240	S1560240	S1565240		

◎ : 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)		
	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	○	○	◎	○	○