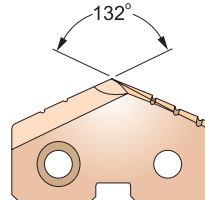


### SPADE DRILL INSERTS - SUPER HSS T15 EINWEG BOHREINSATZ - SUPER HSS T15

- ▶ For use in high nickel alloys and materials over 280 Brinell.
- ▶ Set up time can be reduced due to changing inserts easily on the machine.
- ▶ Any non-standard size available.

- ▶ Zur Anwendung bei legierten Stählen mit hohem Nickelanteil und Werkstoffen über 280 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)		SUPER HSS (T15)		
					TiN	TiCN	TiAlN
<b>0</b> 12.98(.511") to 17.65(.695")	41/64"	16.27	.6406"	3.2 (1/8")	S1105041	S1110041	S1115041
		16.50	.6496"		S1155165	S1160165	S1165165
	21/32"	16.67	.6563"		S1105042	S1110042	S1115042
		17.00	.6693"		S1155170	S1160170	S1165170
	43/64"	17.07	.6719"		S1105043	S1110043	S1115043
	11/16"	17.46	.6875"		S1105044	S1110044	S1115044
<b>1</b> 17.53 (.690") to 24.38 (.960")		17.50	.6890"	4.0 (5/32")	S1155175	S1160175	S1165175
	45/64"	17.86	.7031"		S1105045	S1110045	S1115045
		18.00	.7087"		S1155180	S1160180	S1165180
	23/32"	18.26	.7188"		S1105046	S1110046	S1115046
		18.50	.7283"		S1155185	S1160185	S1165185
	47/64"	18.65	.7344"		S1105047	S1110047	S1115047
		19.00	.7480"		S1155190	S1160190	S1165190
	3/4"	19.05	.7500"		S1105048	S1110048	S1115048
	49/64"	19.45	.7656"		S1105049	S1110049	S1115049
		19.50	.7677"		S1155195	S1160195	S1165195
	25/32"	19.84	.7813"		S1105050	S1110050	S1115050
		20.00	.7874"		S1155200	S1160200	S1165200
	51/64"	20.24	.7969"		S1105051	S1110051	S1115051
		20.50	.8071"		S1155205	S1160205	S1165205
	13/16"	20.64	.8125"		S1105052	S1110052	S1115052
		21.00	.8268"		S1155210	S1160210	S1165210
	27/32"	21.43	.8438"		S1105054	S1110054	S1115054
	55/64"	21.83	.8594"		S1105055	S1110055	S1115055
		22.00	.8661"		S1155220	S1160220	S1165220
	7/8"	22.23	.8750"		S1105056	S1110056	S1115056
57/64"	22.62	.8906"	S1105057	S1110057	S1115057		
	23.00	.9055"	S1155230	S1160230	S1165230		
29/32"	23.02	.9063"	S1105058	S1110058	S1115058		
59/64"	23.42	.9219"	S1105059	S1110059	S1115059		
15/16"	23.81	.9375"	S1105060	S1110060	S1115060		
	24.00	.9449"	S1155240	S1160240	S1165240		

◎ : 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~ (-HB275~)	-HRc37 (-HB350)	HRc37~ (-HB350~)	-HRc24 (-HB250)	HRc24~ (-HB250~)	-HRc13 (-HB200)	HRc13~ (-HB200~)	-HRc28 (-HB275)	-HRc19 (-HB220)	HRc19~ (-HB220~)	-HRc8 (-HB180)	-HB110
◎	◎	◎	◎	○	○	○	◎	◎	○	○	○	○	○	◎	○	○