

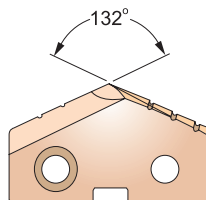


SPADE DRILL INSERTS - SUPER HSS T15

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
Y 9.50 (.374") to 11.07 (.436")	3/8"	9.50	.3740"	2.4 (3/32")	S1155095	S1160095	S1165095
		9.53	.3750"		S1105024	S1110024	S1115024
	25/64"	9.80	.3860"		S1155098	S1160098	S1165098
		9.92	.3906"		S1105025	S1110025	S1115025
		10.00	.3937"		S1155100	S1160100	S1165100
		10.20	.4016"		S1155102	S1160102	S1165102
	13/32"	10.32	.4063"		S1105026	S1110026	S1115026
		10.50	.4134"		S1155105	S1160105	S1165105
		10.72	.4219"		S1105027	S1110027	S1115027
	27/64"	10.80	.4252"		S1155108	S1160108	S1165108
Z 11.11(.437") to 12.95(.510")	7/16"	11.00	.4331"	2.4 (3/32")	S1155110	S1160110	S1165110
		11.11	.4375"		S1105028	S1110028	S1115028
		11.50	.4528"		S1155115	S1160115	S1165115
		29/64"	.4531"		S1105029	S1110029	S1115029
	15/32"	11.91	.4688"		S1105030	S1110030	S1115030
		12.00	.4724"		S1155120	S1160120	S1165120
		31/64"	.4844"		S1105031	S1110031	S1115031
	1/2"	12.50	.4921"		S1155125	S1160125	S1165125
		12.70	.5000"		S1105032	S1110032	S1115032
		13.00	.5118"		S1155130	S1160130	S1165130
0 12.98 (.511") to 17.65 (.695")	33/64"	13.10	.5156"	3.2 (1/8")	S1105033	S1110033	S1115033
	17/32"	13.49	.5313"		S1105034	S1110034	S1115034
		13.50	.5315"		S1155135	S1160135	S1165135
		35/64"	.5469"		S1105035	S1110035	S1115035
		14.00	.5512"		S1155140	S1160140	S1165140
		9/16"	.5625"		S1105036	S1110036	S1115036
		14.50	.5709"		S1155145	S1160145	S1165145
		37/64"	.5781"		S1105037	S1110037	S1115037
		15.00	.5906"		S1155150	S1160150	S1165150
		19/32"	.5938"		S1105038	S1110038	S1115038
	39/64"	15.48	.6094"		S1105039	S1110039	S1115039
		15.50	.6102"		S1155155	S1160155	S1165155
		5/8"	15.88		S1105040	S1110040	S1115040
		16.00	.6299"		S1155160	S1160160	S1165160

◎ : 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
◎	◎	◎	◎	○	○	○	◎	◎	○	○	○	○	◎	○	○



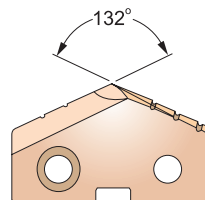
SPADE DRILLS

SERIES 0,1

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	Inch (inch)	Metric (mm)	Decimal (inch)		SUPER HSS (T15)		
					TiN	TiCN	TiAlN
0 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
1 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

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~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
◎	◎	◎	◎	○	○	○	◎	◎	○	○	○	○	◎	○	○