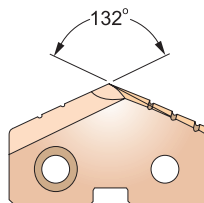


SPADE DRILL INSERTS - SUPER HSS T15
EINWEG BOHREINSATZ - SUPER HSS T15

- ▶ 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. SUPER HSS (T15)		
	Inch (inch)	Metric (mm)	Decimal (inch)		TiN	TiCN	TiAIN
2 24.41 (.961") to 35.05 (1.380")	31/32"	24.61	.9688"	4.8 (3/16")	S1105062	S1110062	S1115062
	63/64"	25.00	.9843"		S1105063	S1110063	S1115063
	1"	25.40	1.0000"		S1105100	S1110100	S1115100
	1-1/64"	25.80	1.0156"		S1105101	S1110101	S1115101
		26.00	1.0236"		S1155260	S1160260	S1165260
	1-1/32"	26.19	1.0313"		S1105102	S1110102	S1115102
	1-3/64"	26.59	1.0469"		S1105103	S1110103	S1115103
	1-1/16"	26.99	1.0625"		S1105104	S1110104	S1115104
		27.00	1.0630"		S1155270	S1160270	S1165270
	1-3/32"	27.78	1.0938"		S1105106	S1110106	S1115106
		28.00	1.1024"		S1155280	S1160280	S1165280
	1-7/64"	28.18	1.1094"		S1105107	S1110107	S1115107
	1-1/8"	28.58	1.1250"		S1105108	S1110108	S1115108
		29.00	1.1417"		S1155290	S1160290	S1165290
	1-5/32"	29.37	1.1563"		S1105110	S1110110	S1115110
		30.00	1.1811"		S1155300	S1160300	S1165300
	1-3/16"	30.16	1.1875"		S1105112	S1110112	S1115112
	1-7/32"	30.96	1.2188"		S1105114	S1110114	S1115114
		31.00	1.2205"		S1155310	S1160310	S1165310
	1-1/4"	31.75	1.2500"		S1105116	S1110116	S1115116
	32.00	1.2598"	S1155320	S1160320	S1165320		
1-9/32"	32.54	1.2813"	S1105118	S1110118	S1115118		
1-5/16"	33.00	1.2992"	S1155330	S1160330	S1165330		
	33.34	1.3125"	S1105120	S1110120	S1115120		
	1-	34.00	1.3386"	S1155340	S1160340	S1165340	
	11/32"	34.13	1.3438"	S1105122	S1110122	S1115122	
	1-3/8"	34.93	1.3750"	S1105124	S1110124	S1115124	
		35.00	1.3780"	S1155350	S1160350	S1165350	
3 34.37(1.353") to 47.80(1.882")	1-13/32"	35.72	1.4063"	6.4 (1/4")	S1105126	S1110126	S1115126
		36.00	1.4173"		S1155360	S1160360	S1165360
	1-7/16"	36.51	1.4375"		S1105128	S1110128	S1115128
		37.00	1.4567"		S1155370	S1160370	S1165370
	1-15/32"	37.31	1.4688"		S1105130	S1110130	S1115130
	38.00	1.4961"	S1155380	S1160380	S1165380		

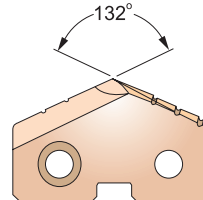
◎ : Excellent ○ : Good

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)
◎	◎	◎	◎	◎	○	○	◎	◎	○	○	○	○	◎	○	○

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

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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
3 34.37 (1.353") to 47.80 (1.882")	1-1/2"	38.10	1.5000"	6.4 (1/4")	S1105132	S1110132	S1115132
	1-17/32"	38.89	1.5313"		S1105134	S1110134	S1115134
		39.00	1.5354"		S1155390	S1160390	S1165390
	1-9/16"	39.69	1.5625"		S1105136	S1110136	S1115136
		40.00	1.5748"		S1155400	S1160400	S1165400
	1-19/32"	40.48	1.5938"		S1105138	S1110138	S1115138
		41.00	1.6142"		S1155410	S1160410	S1165410
	1-5/8"	41.28	1.6250"		S1105140	S1110140	S1115140
		42.00	1.6535"		S1155420	S1160420	S1165420
	1-21/32"	42.07	1.6563"		S1105142	S1110142	S1115142
	1-11/16"	42.86	1.6875"		S1105144	S1110144	S1115144
		43.00	1.6929"		S1155430	S1160430	S1165430
	1-23/32"	43.66	1.7188"		S1105146	S1110146	S1115146
		44.00	1.7323"		S1155440	S1160440	S1165440
	1-3/4"	44.45	1.7500"		S1105148	S1110148	S1115148
		45.00	1.7717"		S1155450	S1160450	S1165450
	1-25/32"	45.24	1.7813"		S1105150	S1110150	S1115150
		46.00	1.8110"		S1155460	S1160460	S1165460
1-13/16"	46.04	1.8125"	S1105152	S1110152	S1115152		
1-27/32"	46.83	1.8438"	S1105154	S1110154	S1115154		
	47.00	1.8504"	S1155470	S1160470	S1165470		
1-7/8"	47.63	1.8750"	S1105156	S1110156	S1115156		
	48.00	1.8898"	S1155480	S1160480	S1165480		
4 46.99 (1.850") to 65.28 (2.570")		48.42	1.9063"	7.9 (5/16")	S1105158	S1110158	S1115158
	1-29/32"	49.00	1.9291"		S1155490	S1160490	S1165490
		49.21	1.9375"		S1105160	S1110160	S1115160
	1-15/16"	50.00	1.9685"		S1155500	S1160500	S1165500
		50.01	1.9688"		S1105162	S1110162	S1115162
	1-31/32"	50.80	2.0000"		S1105200	S1110200	S1115200
	2"	51.00	2.0079"		S1155510	S1160510	S1165510
		51.59	2.0313"		S1105202	S1110202	S1115202
	2-1/32"	52.00	2.0472"		S1105203	S1110203	S1115203
	2-3/64"	52.39	2.0625"		S1105204	S1110204	S1115204
	2-1/16"	53.00	2.0866"		S1155530	S1160530	S1165530

◎ : 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
◎	◎	◎	◎	○	○	○	◎	◎	○	○	○	○	○	◎	○	○