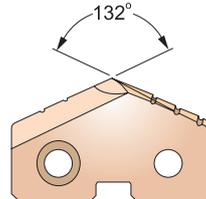


SPADE DRILL INSERTS - CARBIDE(P40)
EINWEG BOHREINSATZ - VOLLHARTMETALL(P40)

- ▶ For general use in carbon steels and alloy steels.
- ▶ Set up time can be reduced due to changing inserts easily on the machine.
- ▶ Any non-standard size available.

- ▶ Für allgemeine Anwendung in Kohlenstoffstählen und legierten Stählen
- ▶ Reduzierte Rüstzeiten, einfacher Einsatzwechsel auf der Maschine
- ▶ Jede Abmessung außerhalb des Kataloges lieferbar



cutting conditions : p.284

Series Min. to Max. (mm/inch)	Diameter			Thick Metric (mm/inch)	EDP No. CARBIDE (P40)		
	Inch (inch)	Metric (mm)	Decimal (inch)		TiN	TiCN	TiAlN
0 12.98(.511") to 17.65(.695")	41/64"	16.27	.6406"	3.2 (1/8")	S1805041	S1810041	S1815041
		16.50	.6496"		S1855165	S1860165	S1865165
	21/32"	16.67	.6563"		S1805042	S1810042	S1815042
		17.00	.6693"		S1855170	S1860170	S1865170
	43/64"	17.07	.6719"		S1805043	S1810043	S1815043
	11/16"	17.46	.6875"		S1805044	S1810044	S1815044
		17.50	.6890"		S1855175	S1860175	S1865175
	45/64"	17.86	.7031"		S1805045	S1810045	S1815045
		18.00	.7087"		S1855180	S1860180	S1865180
	23/32"	18.26	.7188"		S1805046	S1810046	S1815046
	18.50	.7283"	S1855185	S1860185	S1865185		
47/64"	18.65	.7344"	S1805047	S1810047	S1815047		
	19.00	.7480"	S1855190	S1860190	S1865190		
3/4"	19.05	.7500"	S1805048	S1810048	S1815048		
49/64"	19.45	.7656"	S1805049	S1810049	S1815049		
	19.50	.7677"	S1855195	S1860195	S1865195		
1 17.53 (.690") to 24.38 (.960")	25/32"	19.84	.7813"	4.0 (5/32")	S1805050	S1810050	S1815050
		20.00	.7874"		S1855200	S1860200	S1865200
	51/64"	20.24	.7969"		S1805051	S1810051	S1815051
		20.50	.8071"		S1855205	S1860205	S1865205
	13/16"	20.64	.8125"		S1805052	S1810052	S1815052
		21.00	.8268"		S1855210	S1860210	S1865210
	27/32"	21.43	.8438"		S1805054	S1810054	S1815054
	55/64"	21.83	.8594"		S1805055	S1810055	S1815055
		22.00	.8661"		S1855220	S1860220	S1865220
	7/8"	22.23	.8750"		S1805056	S1810056	S1815056
	57/64"	22.62	.8906"		S1805057	S1810057	S1815057
		23.00	.9055"		S1855230	S1860230	S1865230
	29/32"	23.02	.9063"		S1805058	S1810058	S1815058
59/64"	23.42	.9219"	S1805059	S1810059	S1815059		
15/16"	23.81	.9375"	S1805060	S1810060	S1815060		
	24.00	.9449"	S1855240	S1860240	S1865240		

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