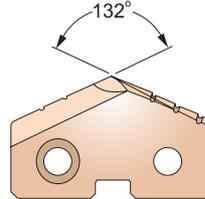


SPADE DRILL INSERTS - CARBIDE(P40) EINWEG BOHREINSATZ - VOLLHARTMETALL(P40)

- ▶ 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
Y 9.50 (.374") to 11.07 (.436")	3/8"	9.50	.3740"	2.4 (3/32")	S1855095	S1860095	S1865095
		9.53	.3750"		S1805024	S1810024	S1815024
	25/64"	9.80	.3860"		S1855098	S1860098	S1865098
		9.92	.3906"		S1805025	S1810025	S1815025
	13/32"	10.00	.3937"		S1855100	S1860100	S1865100
		10.20	.4016"		S1855102	S1860102	S1865102
	27/64"	10.32	.4063"		S1805026	S1810026	S1815026
		10.50	.4134"		S1855105	S1860105	S1865105
	11.00	.4252"	S1855108		S1860108	S1865108	
		.4331"	S1855110		S1860110	S1865110	
Z 11.11(.437") to 12.95(.510")	7/16"	11.11	.4375"	2.4 (3/32")	S1805028	S1810028	S1815028
	29/64"	11.50	.4528"		S1855115	S1860115	S1865115
		11.51	.4531"		S1805029	S1810029	S1815029
	15/32"	11.91	.4688"		S1805030	S1810030	S1815030
	31/64"	12.00	.4724"		S1855120	S1860120	S1865120
		12.30	.4844"		S1805031	S1810031	S1815031
12.50	.4921"	S1855125	S1860125	S1865125			
1/2"	12.70	.5000"	S1805032	S1810032	S1815032		
0 12.98 (.511") to 17.65 (.695")	33/64"	13.00	.5118"	3.2 (1/8")	S1855130	S1860130	S1865130
		13.10	.5156"		S1805033	S1810033	S1815033
	17/32"	13.49	.5313"		S1805034	S1810034	S1815034
		13.50	.5315"		S1855135	S1860135	S1865135
	35/64"	13.89	.5469"		S1805035	S1810035	S1815035
		14.00	.5512"		S1855140	S1860140	S1865140
	9/16"	14.29	.5625"		S1805036	S1810036	S1815036
		14.50	.5709"		S1855145	S1860145	S1865145
	37/64"	14.68	.5781"		S1805037	S1810037	S1815037
		15.00	.5906"		S1855150	S1860150	S1865150
	19/32"	15.08	.5938"		S1805038	S1810038	S1815038
		15.48	.6094"		S1805039	S1810039	S1815039
	39/64"	15.50	.6102"		S1855155	S1860155	S1865155
		15.88	.6250"		S1805040	S1810040	S1815040
5/8"	15.88	.6250"	S1855160	S1860160	S1865160		
	16.00	.6299"					

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