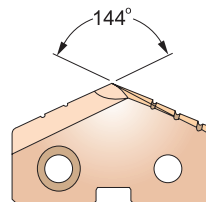




SPADE DRILL INSERTS - HSS M4 EINWEG BOHREINSATZ - HSS M4

- For general use in steels and cast irons.
- Set up time can be reduced due to changing inserts easily on the machine.
- Any non-standard size available.
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- 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. HSS (M4)		
	Inch (inch)	Metric (mm)	Decimal (inch)		TiN	TiCN	TiAlN
5 62.38 (2.456") to 76.20 (3.000")		72.00	2.8346"	11.1 (7/16")	S1455720	S1460720	S1465720
	2-27/32"	72.23	2.8438"		S1405254	S1410254	S1415254
	2-7/8"	73.03	2.8750"		S1405256	S1410256	S1415256
	2-29/32"	73.82	2.9063"		S1405258	S1410258	S1415258
		74.00	2.9134"		S1455740	S1460740	S1465740
	2-15/16"	74.61	2.9375"		S1405260	S1410260	S1415260
	2-31/32"	75.41	2.9688"		S1405262	S1410262	S1415262
		76.00	2.9921"		S1455760	S1460760	S1465760
	3"	76.20	3.0000"		S1405300	S1410300	S1415300
	3-1/32"	76.99	3.0313"	11.1 (7/16")	S1405302	S1410302	S1415302
6 76.23 (3.001") to 89.08 (3.507")	3-1/16"	77.79	3.0625"		S1405304	S1410304	S1415304
		78.00	3.0709"		S1455780	S1460780	S1465780
	3-3/32"	78.58	3.0938"		S1405306	S1410306	S1415306
	3-1/8"	79.38	3.1250"		S1405308	S1410308	S1415308
		80.00	3.1496"		S1455800	S1460800	S1465800
	3-5/32"	80.17	3.1563"		S1405310	S1410310	S1415310
	3-3/16"	80.96	3.1875"		S1405312	S1410312	S1415312
	3-7/32"	81.76	3.2188"		S1405314	S1410314	S1415314
		82.00	3.2283"		S1455820	S1460820	S1465820
	3-1/4"	82.55	3.2500"		S1405316	S1410316	S1415316
	3-9/32"	83.34	3.2813"		S1405318	S1410318	S1415318
		84.00	3.3071"		S1455840	S1460840	S1465840
	3-5/16"	84.14	3.3125"		S1405320	S1410320	S1415320
	3-11/32"	84.93	3.3438"		S1405322	S1410322	S1415322
	3-3/8"	85.73	3.3750"		S1405324	S1410324	S1415324
7		86.00	3.3858"		S1455860	S1460860	S1465860
	3-13/32"	86.52	3.4063"		S1405326	S1410326	S1415326
	3-7/16"	87.31	3.4375"		S1405328	S1410328	S1415328
		88.00	3.4646"		S1455880	S1460880	S1465880
	3-15/32"	88.11	3.4688"		S1405330	S1410330	S1415330
	3-1/2"	88.90	3.5000"		S1405332	S1410332	S1415332
	3-17/32"	89.69	3.5313"	11.1 (7/16")	S1405334	S1410334	S1415334
		90.00	3.5433"		S1455900	S1460900	S1465900
	3-9/16"	90.49	3.5625"		S1405336	S1410336	S1415336

◎ : 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 DRILL INSERTS - HSS M4 EINWEG BOHREINSATZ - HSS M4

- For general use in steels and cast irons.
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- Für allgemeine Anwendung in Stahl und Gusseisen
- 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. HSS (M4)		
	Inch (inch)	Metric (mm)	Decimal (inch)		TiN	TiCN	TiAlN
7 87.76 (3.455") to 101.60 (4.000")	3-19/32"	91.28	3.5938"	11.1 (7/16")	S1405338	S1410338	S1415338
		92.00	3.6221"		S1455920	S1460920	S1465920
	3-5/8"	92.08	3.6250"		S1405340	S1410340	S1415340
	3-21/32"	92.87	3.6563"		S1405342	S1410342	S1415342
	3-11/16"	93.66	3.6875"		S1405344	S1410344	S1415344
		94.00	3.7008"		S1455940	S1460940	S1465940
	3-23/32"	94.46	3.7188"		S1405346	S1410346	S1415346
	3-3/4"	95.25	3.7500"		S1405348	S1410348	S1415348
		96.00	3.7795"		S1455960	S1460960	S1465960
	3-25/32"	96.04	3.7813"		S1405350	S1410350	S1415350
	3-13/16"	96.84	3.8125"		S1405352	S1410352	S1415352
	3-27/32"	97.63	3.8438"		S1405354	S1410354	S1415354
		98.00	3.8583"		S1455980	S1460980	S1465980
	3-7/8"	98.43	3.8750"		S1405356	S1410356	S1415356
	3-29/32"	99.22	3.9063"		S1405358	S1410358	S1415358
		100.00	3.9370"		S1455A00	S1460A00	S1465A00
8 101.63 (4.001") to 114.48 (4.507")	3-15/16"	100.01	3.9375"	11.1 (7/16")	S1405360	S1410360	S1415360
	3-31/32"	100.81	3.9688"		S1405362	S1410362	S1415362
	4"	101.60	4.0000"		S1405400	S1410400	S1415400
	4-1/64"	102.00	4.0157"		S1405401	S1410401	S1415401
	4-1/16"	103.19	4.0625"		S1405404	S1410404	S1415404
	4-3/32"	104.00	4.0945"		S1405406	S1410406	S1415406
	4-1/8"	104.78	4.1250"		S1405408	S1410408	S1415408
		106.00	4.1732"		S1455A60	S1460A60	S1465A60
	4-3/16"	106.36	4.1875"		S1405412	S1410412	S1415412
	4-1/4"	107.95	4.2500"		S1405416	S1410416	S1415416
		108.00	4.2520"		S1455A80	S1460A80	S1465A80
	4-5/16"	109.54	4.3125"		S1405420	S1410420	S1415420
		110.00	4.3307"		S1455B00	S1460B00	S1465B00
	4-3/8"	111.13	4.3750"		S1405424	S1410424	S1415424
		112.00	4.4094"		S1455B20	S1460B20	S1465B20
	4-7/16"	112.71	4.4375"		S1405428	S1410428	S1415428
		114.00	4.4882"		S1455B40	S1460B40	S1465B40
	4-1/2"	114.30	4.5000"		S1405432	S1410432	S1415432

◎ : 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
○	○	○	○	○	○	○	○	○			◎	◎	○	◎	◎