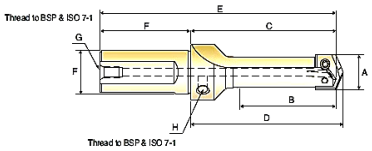
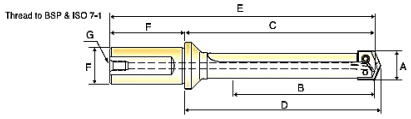
FLANGED STRAIGHT SHANK HOLDERS
HALTER MIT ZYLINDERSCHAFT UND SPANNFLÄCHE



STUB LENGTH - Straight Flute (Metric)

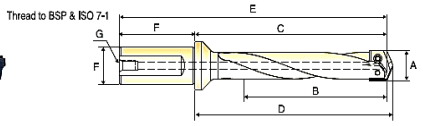
Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	Shank		Pipe Tap	
							Dia.	Length	Rear	Side
		A	B	C	D	E	F		G	H
Y	ZY0SBSF016M	9.5 ~ 11.0	19.1	47.6	50.0	95.6	16.0	48.0	1/16″	1/8″
Z	ZZ0SBSF016M	11.5 ~ 12.5	19.1	47.6	50.0	95.6	16.0	48.0	1/16″	1/8″
0	Z00SBSF020M	13.0 ~ 17.5	22.2	47.6	50.4	97.6	20.0	50.0	1/8″	1/8″
0.5	Z05SBSF020M	15.5 ~ 17.5	22.2	47.6	50.4	97.6	20.0	50.0	1/8″	1/8″
1	Z10SBSF025M	18.0 ~ 24.0	47.6	75.8	79.4	131.8	25.0	56.0	1/8″	1/8″
1.5	Z15SBSF025M	22.0 ~ 24.0	57.2	88.5	92.1	144.5	25.0	56.0	1/8″	1/8″
2	Z20SBSF032M	25.0 ~ 35.0	57.2	88.5	92.1	148.5	32.0	60.0	1/4″	1/8″
2.5	Z25SBSF032M	30.0 ~ 35.0	92.1	123.4	127.0	183.4	32.0	60.0	1/4″	1/8″
3	Z30SBSF040M	36.0 ~ 47.0	76.2	125.0	129.8	195.0	40.0	70.0	1/4″	1/4″



SHORT LENGTH - Straight Flute (Metric)

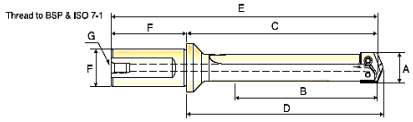
Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	Shank		Pipe Tap
							Dia.	Length	
		A	B	C	D	E	F		G
Y	ZY0STSF020M	9.5 ~ 11.0	31.8	61.1	63.5	111.1	20.0	50.0	1/8″
Z	ZZ0STSF020M	11.5 ~ 12.5	31.8	61.1	63.5	111.1	20.0	50.0	1/8″
0	Z00STSF020M	13.0 ~ 17.5	34.9	63.5	66.3	113.5	20.0	50.0	1/8″
0.5	Z05STSF020M	15.5 ~ 17.5	34.9	63.5	66.3	113.5	20.0	50.0	1/8″
1	Z10STSF025M	18.0 ~ 24.0	66.7	107.2	110.7	163.2	25.0	56.0	1/8″
1.5	Z15STSF025M	22.0 ~ 24.0	66.7	107.2	110.7	163.2	25.0	56.0	1/8″
2	Z20STSF032M	25.0 ~ 35.0	85.7	128.6	132.2	188.6	32.0	60.0	1/4″
2.5	Z25STSF032M	30.0 ~ 35.0	85.7	128.6	132.2	188.6	32.0	60.0	1/4″
3	Z30STSF040M	36.0 ~ 47.0	120.7	173.0	177.8	243.0	40.0	70.0	1/4″
4	Z40STSF040M	48.0 ~ 65.0	130.2	179.4	184.0	249.4	40.0	70.0	1/4″

FLANGED STRAIGHT SHANK HOLDERS
HALTER MIT ZYLINDERSCHAFT UND SPANNFLÄCHE



EXTENDED LENGTH - Helical Flute (Metric)

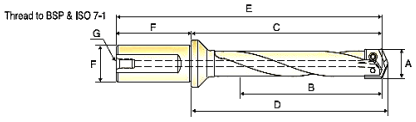
Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	Shank		Pipe Tap
							Dia.	Length	
		A	B	C	D	E	F		G
Y	ZY0EXHF020M	9.5 ~ 11.0	111.1	140.5	142.9	190.5	20.0	50.0	1/8″
Z	ZZ0EXHF020M	11.5 ~ 12.5	111.1	140.5	142.9	190.5	20.0	50.0	1/8″
0	Z00EXHF020M	13.0 ~ 17.5	114.3	142.9	145.7	192.9	20.0	50.0	1/8″
0.5	Z05EXHF020M	15.5 ~ 17.5	114.3	142.9	145.7	192.9	20.0	50.0	1/8″
1	Z10EXHF025M	18.0 ~ 24.0	269.9	307.2	310.8	363.2	25.0	56.0	1/8″
1.5	Z15EXHF025M	22.0 ~ 24.0	269.9	307.2	310.8	363.2	25.0	56.0	1/8″
2	Z20EXHF032M	25.0 ~ 35.0	288.9	331.8	335.4	391.8	32.0	60.0	1/4″
2.5	Z25EXHF032M	30.0 ~ 35.0	288.9	331.8	335.4	391.8	32.0	60.0	1/4″



EXTENDED LENGTH - Straight Flute (Metric)

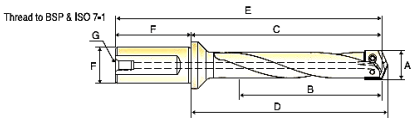
Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	Shank		Pipe Tap
							Dia.	Length	
		A	B	C	D	E	F		G
3	Z30EXSF040M	36.0 ~ 47.0	349.3	401.6	406.4	471.6	40.0	70.0	1/4″
4	Z40EXSF040M	48.0 ~ 65.0	422.3	471.5	476.3	541.5	40.0	70.0	1/4″

FLANGED STRAIGHT SHANK HOLDERS
HALTER MIT ZYLINDERSCHAFT UND SPANNFLÄCHE



INTERMEDIATE LENGTH - Helical Flute (Metric)

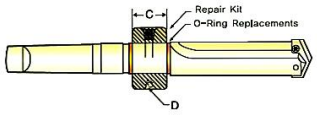
Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	Shank		Pipe Tap
							Dia.	Length	
		A	B	C	D	E	F		G
1	Z10ITHF025M	18.0 ~ 24.0	117.5	154.8	158.4	210.8	25.0	56.0	1/8″
1.5	Z15ITHF025M	22.0 ~ 24.0	117.5	154.8	158.4	210.8	25.0	56.0	1/8″
2	Z20ITHF032M	25.0 ~ 35.0	136.5	179.4	183.0	239.4	32.0	60.0	1/4″
2.5	Z25ITHF032M	30.0 ~ 35.0	136.5	179.4	183.0	239.4	32.0	60.0	1/4″
3	Z30ITHF040M	36.0 ~ 47.0	165.1	217.5	222.3	287.5	40.0	70.0	1/4″

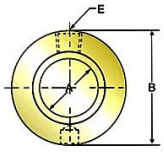


STANDARD LENGTH - Helical Flute (Metric)

Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	Shank		Pipe Tap
							Dia.	Length	
		A	B	C	D	E	F		G
Y	ZY0SDHF020M	9.5 ~ 11.0	60.3	89.7	92.1	139.7	20.0	50.0	1/8″
Z	ZZ0SDHF020M	11.5 ~ 12.5	60.3	89.7	92.1	139.7	20.0	50.0	1/8″
0	Z00SDHF020M	13.0 ~ 17.5	63.5	92.1	94.9	142.1	20.0	50.0	1/8″
0.5	Z05SDHF020M	15.5 ~ 17.5	63.5	92.1	94.9	142.1	20.0	50.0	1/8″
1	Z10SDHF025M	18.0 ~ 24.0	168.3	205.6	209.2	261.6	25.0	56.0	1/8″
1.5	Z15SDHF025M	22.0 ~ 24.0	168.3	205.6	209.2	261.6	25.0	56.0	1/8″
2	Z20SDHF032M	25.0 ~ 35.0	187.3	230.2	233.8	290.2	32.0	60.0	1/4″
2.5	Z25SDHF032M	30.0 ~ 35.0	187.3	230.2	233.8	290.2	32.0	60.0	1/4″
3	Z30SDHF040M	36.0 ~ 47.0	209.6	261.9	266.7	331.9	40.0	70.0	1/4″
4	Z40SDHF040M	48.0 ~ 65.0	231.8	281.0	285.8	351.0	40.0	70.0	1/4″

HOLDER ACCESSORIES
ROTARY COOLANT ADAPTER (RCA) AND ACCESSORIES





Inch

Item No.	I.D.	O.D.	Length	Thread for Driving Rod	Pipe Tap	RCA Repair Kit Item No.	RCA O-Ring Replacements Item No.
	A	B	C	D	E		
PR110048	3/4″	1-3/4″	7/8″	5/16″-NC	◆1/8″	PR210048	PR310048
PR110100	1″	2-1/8″	1-1/8″	5/16″-NC	◆1/8″	PR210100	PR310100
PR110116	1-1/4″	2-1/2″	1-3/8″	3/8″-NC	◆1/4″	PR210116	PR310116
PR110148	1-3/4″	3″	1-3/8″	3/8″-NC	◆1/4″	PR210148	PR310148
PR110216	2-1/4″	3-3/4″	1-3/4″	1/2″-NC	◆1/2″	PR210216	PR310216

Metric

Item No.	I.D.	O.D.	Length	Thread for Driving Rod	Pipe Tap	RCA Repair Kit Item No.	RCA O-Ring Replacements Item No.
	A	B	C	D	E		
PR120190	19.05	44.45	22.23	M8 ×1.25	◆1/8″	PR220190	PR320190
PR120254	25.40	53.97	28.57	M8 ×1.25	◆1/8″	PR220254	PR320254
PR120317	31.75	63.50	34.92	M10×1.5	◆1/4″	PR220317	PR320317
PR120444	44.45	76.20	34.92	M10×1.5	◆1/4″	PR220444	PR320444
PR120571	57.15	95.27	44.45	M12×1.75	◆1/2″	PR220571	PR320571

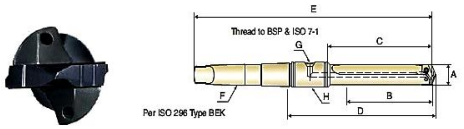
◆ Thread to BSP & ISO 7-1

TORX SCREWS

Holder Series	Item No.	TORX Hand Driver	Drill Range Used With	
			Inch	Metric
Y	J07Y0010	J05Y0070	3/8″ ~ 27/64″	9.5 mm ~ 11.0 mm
Z	J07Z0110		7/16″ ~ 1/2″	11.5 mm ~ 12.5 mm
0	J0800210	J0500080	33/64″ ~ 11/16″	13.0 mm ~ 17.5 mm
0.5	J0805310		39/64″ ~ 11/16″	15.5 mm ~ 17.5 mm
1	J0910410	J0510090	45/64″ ~ 15/16″	18.0 mm ~ 24.0 mm
1.5	J0915510		55/64″ ~ 15/16″	22.0 mm ~ 24.0 mm
2	J1520610	J0520150	31/32″ ~ 1-3/8″	25.0 mm ~ 35.0 mm
2.5	J1525710		1-3/16″ ~ 1-3/8″	30.0 mm ~ 35.0 mm
3,4	J2030810	J0530200	1-13/32″ ~ 2-9/16″	36.0 mm ~ 65.0 mm
5 ~ 8	J2550910	J0550250	2-1/2″ ~ 4-1/2″	64.0 mm ~ 114.0 mm

** Note : Replacement screws sold in packages(10 screws per package)

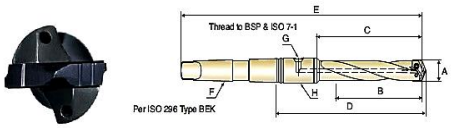
TAPER SHANK HOLDERS
HALTER MIT MORSEKEGEL



SHORT LENGTH - Straight Flute (Metric)

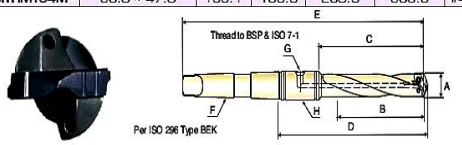
Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	MT	Pipe Tap	RCA
		A	B	C	D	E	F	G	H
Y	ZY0STSMT02M	9.5 ~ 11.0	31.8	51.5	88.0	160.3	#2	1/16"	PR120190
Z	ZZ0STSMT02M	11.5 ~ 12.5	31.8	51.5	88.0	160.3	#2	1/16"	PR120190
0	Z00STSMT02M	13.0 ~ 17.5	35.0	55.5	92.4	164.3	#2	1/16"	PR120190
0.5	Z05STSMT02M	15.5 ~ 17.5	35.0	55.5	92.4	164.3	#2	1/16"	PR120190
1	Z10STSMT03M	18.0 ~ 24.0	69.8	98.4	142.5	232.5	#3	1/8"	PR120254
1.5	Z15STSMT03M	22.0 ~ 24.0	69.8	98.4	142.5	232.5	#3	1/8"	PR120254
2	Z20STSMT04M	25.0 ~ 35.0	85.7	114.3	160.4	273.8	#4	1/8"	PR120254
2.5	Z25STSMT04M	30.0 ~ 35.0	85.7	114.3	167.6	281.0	#4	1/4"	PR120317
3	Z30STSMT04M	36.0 ~ 47.0	120.6	152.4	206.4	319.1	#4	1/4"	PR120317
4	Z40STSMT05M	48.0 ~ 65.0	130.1	165.1	219.1	363.5	#5	1/4"	PR120444
5	Z50STSMT05M	64.0 ~ 88.0	171.5	215.9	287.3	430.2	#5	1/2"	PR120571
7	Z70STSMT05M	90.0 ~ 114.0	171.5	225.4	296.8	439.7	#5	1/2"	PR120571

▶ You can also apply RCA(Rotary Coolant Adapter) for internal cooling. (See page 324)



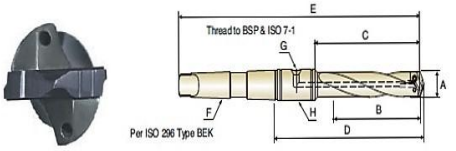
INTERMEDIATE LENGTH - Helical Flute (Metric)

Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	MT	Pipe Tap	RCA
		A	B	C	D	E	F	G	H
1	Z10ITHMT03M	18.0 ~ 24.0	120.7	149.2	193.3	283.3	#3	1/8"	PR120254
1.5	Z15ITHMT03M	22.0 ~ 24.0	120.7	149.2	193.3	283.3	#3	1/8"	PR120254
2	Z20ITHMT04M	25.0 ~ 35.0	136.5	165.1	211.2	324.6	#4	1/8"	PR120254
2.5	Z25ITHMT04M	30.0 ~ 35.0	136.5	165.1	218.4	331.8	#4	1/4"	PR120317
3	Z30ITHMT04M	36.0 ~ 47.0	165.1	196.9	250.9	363.6	#4	1/4"	PR120317



STANDARD LENGTH - Helical Flute (Metric)

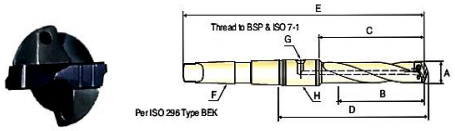
Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	MT	Pipe Tap	RCA
		A	B	C	D	E	F	G	H
Y	ZY0SDHMT02M	9.5 ~ 11.0	60.3	80.2	116.7	188.9	#2	1/16"	PR120190
Z	ZZ0SDHMT02M	11.5 ~ 12.5	60.3	80.2	116.7	188.9	#2	1/16"	PR120190
0	Z00SDHMT02M	13.0 ~ 17.5	63.5	84.1	121.0	192.9	#2	1/16"	PR120190
0.5	Z05SDHMT02M	15.5 ~ 17.5	63.5	84.1	121.0	192.9	#2	1/16"	PR120190
1	Z10SDHMT03M	18.0 ~ 24.0	171.5	200.0	244.1	334.2	#3	1/8"	PR120254
1.5	Z15SDHMT03M	22.0 ~ 24.0	171.5	200.0	244.1	334.2	#3	1/8"	PR120254
2	Z20SDHMT04M	25.0 ~ 35.0	187.3	215.9	262.0	375.4	#4	1/8"	PR120254
2.5	Z25SDHMT04M	30.0 ~ 35.0	187.3	215.9	269.2	382.6	#4	1/4"	PR120317
3	Z30SDHMT04M	36.0 ~ 47.0	209.5	241.3	295.3	408.0	#4	1/4"	PR120317
4	Z40SDHMT05M	48.0 ~ 65.0	231.8	266.7	320.7	465.1	#5	1/4"	PR120444
5	Z50SDHMT05M	64.0 ~ 88.0	273.1	317.5	388.9	531.8	#5	1/2"	PR120571
7	Z70SDHMT05M	90.0 ~ 114.0	273.1	327.0	398.5	541.3	#5	1/2"	PR120571



LONG LENGTH - Helical Flute (Metric)

Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	MT	Pipe Tap	RCA
		A	B	C	D	E	F	G	H
0	Z00LGHMT02M	13.0 ~ 17.5	177.8	198.5	235.3	307.2	#2	1/16"	PR120190
0.5	Z05LGHMT02M	15.5 ~ 17.5	177.8	198.5	235.3	307.2	#2	1/16"	PR120190

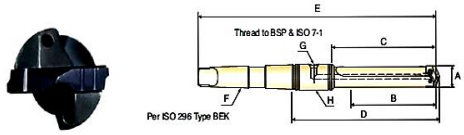
TAPER SHANK HOLDERS
HALTER MIT MORSEKEGEL



EXTENDED LENGTH - Helical Flute (Metric)

Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	MT	Pipe Tap	RCA
		A	B	C	D	E	F	G	H
Y	ZY0EXHMT02M	9.5 ~ 11.0	111.1	130.9	167.4	239.7	#2	1/16"	PR120190
Z	ZZ0EXHMT02M	11.5 ~ 12.5	111.1	130.9	167.4	239.7	#2	1/16"	PR120190
0	Z00EXHMT02M	13.0 ~ 17.5	114.3	135.0	171.8	243.7	#2	1/16"	PR120190
0.5	Z05EXHMT02M	15.5 ~ 17.5	114.3	135.0	171.8	243.7	#2	1/16"	PR120190
1	Z10EXHMT03M	18.0 ~ 24.0	273.1	301.6	345.7	435.8	#3	1/8"	PR120254
1.5	Z15EXHMT03M	22.0 ~ 24.0	273.1	301.6	345.7	435.8	#3	1/8"	PR120254
2	Z20EXHMT04M	25.0 ~ 35.0	289.0	317.5	363.6	477.0	#4	1/8"	PR120254
2.5	Z25EXHMT04M	30.0 ~ 35.0	289.0	317.5	370.8	484.2	#4	1/4"	PR120317

▶ You can also apply RCA(Rotary Coolant Adapter) for internal cooling. (See page 324)



EXTENDED LENGTH - Straight Flute (Metric)

Series	EDP No.	Drill Insert Range	Max. Drill Depth	Body Length	Ref. Length	Overall Length	MT	Pipe Tap	RCA
		A	B	C	D	E	F	G	H
3	Z30EXSMT04M	36.0 ~ 47.0	349.3	381.0	435.0	547.7	#4	1/4"	PR120317
4	Z40EXSMT05M	48.0 ~ 65.0	422.3	457.2	511.2	655.6	#5	1/4"	PR120444
5	Z50EXSMT05M	64.0 ~ 88.0	463.6	508.0	579.4	722.3	#5	1/2"	PR120571
7	Z70EXSMT05M	90.0 ~ 114.0	555.6	609.6	681.1	823.9	#5	1/2"	PR120571

SM-POINT SPADE DRILL INSERTS - PREMIUM HSS M48
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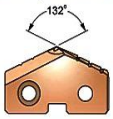
- ▶ Jede Abmessung außerhalb des Kataloges lieferbar



cutting conditions : P.325

Series Min. to Max. (mm/inch)	Diameter Inch (inch)	Diameter Metric (mm)	Diameter Decimal (inch)	Thick Metric (mm/inch)	EDP No. PREMIUM HSS (M48) TiN	TiCN	TiAlN
Y 9.50 (.374") to 11.07 (.436")		9.50	.3740"	2.4 (3/32")	SM555095	SM560095	SM565095
	3/8"	9.53	.3750"		SM505024	SM510024	SM515024
		9.80	.3858"		SM555098	SM560098	SM565098
	25/64"	9.92	.3906"		SM505025	SM510025	SM515025
		10.00	.3937"		SM555100	SM560100	SM565100
		10.20	.4016"		SM555102	SM560102	SM565102
	13/32"	10.32	.4062"		SM505026	SM510026	SM515026
		10.50	.4134"		SM555105	SM560105	SM565105
	27/64"	10.72	.4219"		SM505027	SM510027	SM515027
		10.80	.4252"		SM555108	SM560108	SM565108
		11.00	.4331"		SM555110	SM560110	SM565110
Z 11.11(.437") to 12.95(.510")	7/16"	11.11	.4375"	2.4 (3/32")	SM505028	SM510028	SM515028
		11.50	.4528"		SM555115	SM560115	SM565115
	29/64"	11.51	.4531"		SM505029	SM510029	SM515029
	15/32"	11.91	.4688"		SM505030	SM510030	SM515030
		12.00	.4724"		SM555120	SM560120	SM565120
	31/64"	12.30	.4844"		SM505031	SM510031	SM515031
		12.50	.4921"		SM555125	SM560125	SM565125
	1/2"	12.70	.5000"		SM505032	SM510032	SM515032
0 12.98 (.511") to 17.65 (.695")		13.00	.5118"	3.2 (1/8")	SM555130	SM560130	SM565130
	33/64"	13.10	.5156"		SM505033	SM510033	SM515033
	17/32"	13.49	.5312"		SM505034	SM510034	SM515034
		13.50	.5315"		SM555135	SM560135	SM565135
	35/64"	13.89	.5469"		SM505035	SM510035	SM515035
		14.00	.5512"		SM555140	SM560140	SM565140
	9/16"	14.29	.5625"		SM505036	SM510036	SM515036
		14.50	.5709"		SM555145	SM560145	SM565145
	37/64"	14.68	.5781"		SM505037	SM510037	SM515037
		15.00	.5906"		SM555150	SM560150	SM565150
	19/32"	15.08	.5938"		SM505038	SM510038	SM515038
	39/64"	15.48	.6094"		SM505039	SM510039	SM515039
		15.50	.6102"		SM555155	SM560155	SM565155
	5/8"	15.88	.6250"		SM505040	SM510040	SM515040
		16.00	.6299"		SM555160	SM560160	SM565160

O : 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
O	O	O	O	O	O	O	O	O	O	O	○	○	O	○	○

SM-POINT SPADE DRILL INSERTS - PREMIUM HSS M48
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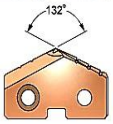

cutting conditions : P.325

Series Min. to Max. (mm/inch)	Diameter Inch (inch)	Diameter Metric (mm)	Diameter Decimal (inch)	Thick Metric (mm/inch)	EDP No. PREMIUM HSS (M48) TiN	TiCN	TiAlN
0 12.98(.511") to 17.65(.695")	41/64"	16.27	.6406"	3.2 (1/8")	SM505041	SM510041	SM515041
		16.50	.6496"		SM555165	SM560165	SM565165
	21/32"	16.67	.6562"		SM505042	SM510042	SM515042
		17.00	.6693"		SM555170	SM560170	SM565170
	43/64"	17.07	.6719"		SM505043	SM510043	SM515043
	11/16"	17.46	.6875"		SM505044	SM510044	SM515044
		17.50	.6890"		SM555175	SM560175	SM565175
1 17.53 (.690") to 24.38 (.960")	45/64"	17.86	.7031"	4.0 (5/32")	SM505045	SM510045	SM515045
		18.00	.7087"		SM555180	SM560180	SM565180
	23/32"	18.26	.7188"		SM505046	SM510046	SM515046
		18.50	.7283"		SM555185	SM560185	SM565185
	47/64"	18.65	.7344"		SM505047	SM510047	SM515047
		19.00	.7480"		SM555190	SM560190	SM565190
	3/4"	19.05	.7500"		SM505048	SM510048	SM515048
	49/64"	19.45	.7656"		SM505049	SM510049	SM515049
		19.50	.7677"		SM555195	SM560195	SM565195
	25/32"	19.84	.7812"		SM505050	SM510050	SM515050
		20.00	.7874"		SM555200	SM560200	SM565200
	51/64"	20.24	.7969"		SM505051	SM510051	SM515051
		20.50	.8071"		SM555205	SM560205	SM565205
	13/16"	20.64	.8125"		SM505052	SM510052	SM515052
		21.00	.8268"		SM555210	SM560210	SM565210
	27/32"	21.43	.8438"		SM505054	SM510054	SM515054
	55/64"	21.83	.8594"		SM505055	SM510055	SM565055
		22.00	.8661"		SM555220	SM560220	SM565220
	7/8"	22.23	.8750"		SM505056	SM510056	SM515056
	57/64"	22.62	.8906"		SM505057	SM510057	SM515057
		23.00	.9055"		SM555230	SM560230	SM565230
	29/32"	23.02	.9062"		SM505058	SM510058	SM515058
	59/64"	23.42	.9219"		SM505059	SM510059	SM515059
	15/16"	23.81	.9375"		SM505060	SM510060	SM515060
		24.00	.9449"		SM555240	SM560240	SM565240

◎ : 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
◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	○	○	◎	○	○

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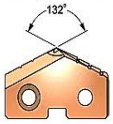

cutting conditions : P.325

Series Min. to Max. (mm/inch)	Diameter Inch (inch)	Diameter Metric (mm)	Diameter Decimal (inch)	Thick Metric (mm/inch)	EDP No. PREMIUM HSS (M48) TiN	TiCN	TiAlN
2 24.41 (.961") to 35.05 (1.380")	31/32"	24.61	.9688"	4.8 (3/16")	SM505062	SM510062	SM515062
	63/64"	25.00	.9843"		SM555250	SM560250	SM565250
	1"	25.40	1.0000"		SM505100	SM510100	SM515100
	1-1/64"	25.80	1.0156"		SM505101	SM510101	SM515101
		26.00	1.0236"		SM555260	SM560260	SM565260
	1-1/32"	26.19	1.0312"		SM505102	SM510102	SM515102
	1-3/64"	26.59	1.0469"		SM505103	SM510103	SM515103
	1-1/16"	26.99	1.0625"		SM505104	SM510104	SM515104
		27.00	1.0630"		SM555270	SM560270	SM565270
	1-3/32"	27.78	1.0938"		SM505106	SM510106	SM515106
		28.00	1.1024"		SM555280	SM560280	SM565280
	1-7/64"	28.18	1.1094"		SM505107	SM510107	SM515107
	1-1/8"	28.58	1.1250"		SM505108	SM510108	SM515108
		29.00	1.1417"		SM555290	SM560290	SM565290
	1-5/32"	29.37	1.1562"		SM505110	SM510110	SM515110
		30.00	1.1811"		SM555300	SM560300	SM565300
	1-3/16"	30.16	1.1875"		SM505112	SM510112	SM515112
	1-7/32"	30.96	1.2188"		SM505114	SM510114	SM515114
		31.00	1.2205"		SM555310	SM560310	SM565310
	1-1/4"	31.75	1.2500"		SM505116	SM510116	SM515116
		32.00	1.2598"		SM555320	SM560320	SM565320
	1-9/32"	32.54	1.2812"		SM505118	SM510118	SM515118
		33.00	1.2992"		SM555330	SM560330	SM565330
	1-5/16"	33.34	1.3125"		SM505120	SM510120	SM515120
		34.00	1.3386"		SM555340	SM560340	SM565340
	1-11/32"	34.13	1.3438"		SM505122	SM510122	SM515122
	1-3/8"	34.93	1.3750"		SM505124	SM510124	SM515124
		35.00	1.3780"		SM555350	SM560350	SM565350

◎ : 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
◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	○	○	◎	○	○

OUTRAS OPÇOES EM METALDURO PARA AS MESMAS MEDIDAS

SM-POINT SPADE DRILL INSERTS FOR CAST IRON - CARBIDE(K10)

SM-POINT SPADE DRILL INSERTS - CARBIDE(K20)

SM-POINT SPADE DRILL INSERTS - CARBIDE(P40)