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Taper Shank Machine Reamers

Maschinen-Reibahlen mit Morsekegelschaft

Alésoirs à Machines avec Queue Cône-Morse

HSS



RANGE 1/8" to 2"

3mm to 50mm

LIST CODE B055

LEFT HAND SPIRAL

RIGHT HAND CUTTING

BS 122 PART 2 BS 328-4

TOLERANCE TO H7

Code	d1		Decimal Equiv.	L1 mm	L2 mm	MTS	No. of Flutes	Code	d1		Decimal Equiv.	L1 mm	L2 mm	MTS	No. of Flutes
	Inch	mm							Inch	mm					
B05500118M B05500125F	1/8	3.00	0.1181	33	112	1	4	B05500562F	9/16	14.29	0.5625	81	181	2	8
		3.17	0.1250						14.50	0.5709					
B05500137M B05500140F	9/64	3.50	0.1378	35	115	1	6	B05500578F	37/64	14.68	0.5781				
		3.57	0.1406							15.00	0.5906				
B05500156F B05500157M	5/32	3.97	0.1562	38	117	1	6	B05500593F	19/32	15.08	0.5938				
		4.00	0.1575						15.48	0.6094					
B05500171F B05500177M	11/64	4.37	0.1719	41	120	1	6	B05500609F	39/64	15.50	0.6102	87	187	2	8
		4.50	0.1772							15.87	0.6250				
B05500187F B05500196M B05500203F	3/16	4.76	0.1875	44	124	1	6	B05500625F	5/8	16.00	0.6299				
		5.00	0.1968							16.27	0.6406				
B05500216M B05500218F B05500234F B05500236M	7/32	5.50	0.2165	47	127	1	6	B05500640F	41/64	16.50	0.6496				
		5.56	0.2188							16.67	0.6562				
B05500250F B05500255M	1/4	6.35	0.2500	50	130	1	6	B05500656F	21/32	17.00	0.6693				
		6.50	0.2559							17.07	0.6719				
B05500265F B05500275M B05500281F B05500295M	17/64	6.75	0.2656	54	134	1	6	B05500671F	43/64	17.07	0.6719	93	193	2	8
		7.00	0.2756						17.46	0.6875					
B05500296F B05500312F B05500315M B05500328F B05500334M	19/64	7.54	0.2969	58	138	1	6	B05500703F	45/64	17.86	0.7031				
		7.94	0.3125							18.00	0.7087				
B05500343F B05500354M B05500359F B05500374M	11/32	8.73	0.3438	62	142	1	6	B05500708M	23/32	18.26	0.7188				
		9.00	0.3543							18.50	0.7283				
B05500375F B05500390F B05500393M B05500406F B05500413M	3/8	9.52	0.3750	66	146	1	6	B05500718F	47/64	18.65	0.7344				
		9.92	0.3906							19.00	0.7480				
B05500421F B05500433M B05500437F B05500452M B05500453F	27/64	10.72	0.4219	71	151	1	6	B05500728M	23/32	18.50	0.7283				
		11.00	0.4331							18.65	0.7344				
B05500468F B05500472M B05500484F B05500492M B05500500F B05500511M B05500515F	15/32	11.91	0.4688	76	156	1	6	B05500734F	47/64	18.65	0.7344				
		12.00	0.4724							19.00	0.7480				
B05500531F B05500531M B05500546F	17/32	13.49	0.5312	81	161	1	6	B05500748M	23/32	19.00	0.7480				
		13.50	0.5315							19.05	0.7500				
B05500551M		14.00	0.5512	81	161	1	8	B05500750F	3/4	19.05	0.7500	100	200	2	8
								B05500781F	25/32	19.84	0.7812				
								B05500787M	13/16	20.00	0.7874				
								B05500812F		27/32	21.43				
								B05500826M	7/8	21.00	0.8268	107	207	2	8
								B05500843F		27/32	21.43				
								B05500866M	29/32	22.00	0.8661				
								B05500875F		7/8	22.22				
								B05500905M	15/16	23.00	0.9055	115	242	3	8
								B05500906F		31/32	24.61				
								B05500937F	31/32	23.81	0.9375				
								B05500944M		24.00	0.9449				
								B05500968F		25.00	0.9843	115	242	3	10

Continued

Code	d1		Decimal Equiv.	L1 mm	L2 mm	MTS	No. of Flutes	Code	d1		Decimal Equiv.	L1 mm	L2 mm	MTS	No. of Flutes
	Inch	mm							Inch	mm					
B05501000F B05501023M	1	25.40 26.00	1.0000 1.0236	115	242	3	10	B05501496M B05501500F B05501535M B05501574M B05501614M B05501625F B05501653M	1-1/2	38.00 38.10 39.00 40.00 41.00 41.27 42.00	1.4961 1.5000 1.5354 1.5748 1.6142 1.6250 1.6535	152	312	4	10
B05501062F B05501063M B05501102M B05501125F B05501141M B05501156F B05501181M	1-1/16 1-1/8 1-5/32	26.99 27.00 28.00 28.57 29.00 29.37 30.00	1.0625 1.0630 1.1024 1.1250 1.1417 1.1562 1.1811	124	251	3	10	B05501692M B05501732M B05501750F	1-3/4	43.00 44.00 44.45	1.6929 1.7323 1.7500	163	323	4	10
B05501187F B05501220M B05501250F	1-3/16 1-1/4	30.16 31.00 31.75	1.1875 1.2205 1.2500	133	260	3	10	B05501771M B05501811M B05501850M		45.00 46.00 47.00	1.7717 1.8110 1.8504	163	323	4	12
B05501259M B05501299M B05501312F	1-5/16	32.00 33.00 33.34	1.2598 1.2992 1.3125	133	293	4	10	B05501875F B05501889M B05501929M B05501968M B05502000F	1-7/8 2	47.62 48.00 49.00 50.00 50.80	1.8750 1.8898 1.9291 1.9685 2.0000	174	334	4	12
B05501338M B05501375F B05501378M B05501417M B05501437F B05501456M	1-3/8 1-7/16	34.00 34.92 35.00 36.00 36.51 37.00	1.3386 1.3750 1.3780 1.4173 1.4375 1.4567	142	302	4	10								

Taper Shank Machine Reamers will be supplied right hand cutting with left hand spiral flutes having a 45° bevel lead for machine use.

Tolerances: See notes on pages 35 and 36.

VARIANTS:

Type	Page Ref.
Special Diameter/Tolerance	22
Extra Length	17
Carbide Slug	17
Re-Grindable	18/19
Adjustable Floating Reamer	24/25

