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Hand Reamers - Straight Shank

Hand-Reibahlen mit Zylinderschaft

Alésoirs à Main à Queue Cylindrique

HSS



RANGE 1/16" to 2"

1.5mm to 50mm

LIST CODE B051

LEFT HAND SPIRAL

RIGHT HAND CUTTING

BS 328 PART 4/DIN206B

TOLERANCE TO H7

Code	d1		Decimal Equiv.	L1 mm	L2 mm	Sq. a mm	No. of Flutes	Code	d1		Decimal Equiv.	L1 mm	L2 mm	Sq. a mm	No. of Flutes
	Inch	mm							Inch	mm					
B05100059M	1/16	1.50	0.0591	21	44	1,12	4	B05100375F	3/8	9.52	0.3750	66	133	8,00	6
B05100062F		1.59	0.0625			1,25		B05100390F	25/64	9.92	0.3906			8,00	
B05100063M		1.60	0.0630			1,25		B05100393M	13/32	10.00	0.3937			8,00	
B05100071M	1.80	0.0709	1,60	B05100406F	10.32	0.4062	8,00								
				B05100413M	10.50	0.4134	8,00								
B05100078F	5/64	1.98	0.0781	25	50	1,60	4	B05100421F	27/64	10.72	0.4219	71	142	9,00	6
B05100079M		2.00	0.0787			1,60		B05100433M	11.00	0.4331	9,00				
B05100087M	2.20	0.0866	1,80	27	54	1,80	4	B05100437F	7/16	11.11	0.4375	9,00			
B05100093F	3/32	2.38	0.0938	29	58	2,00	4	B05100452M	29/64	11.50	0.4528	9,00			
B05100098M		2.50	0.0984			2,00		B05100453F		11.51	0.4531	9,00			
B05100109F	7/64	2.78	0.1094	31	62	2,24	4	B05100468F	15/32	11.91	0.4688	76	152	10,00	6
B05100110M		2.80	0.1102			2,24		B05100472M	31/64	12.00	0.4724			10,00	
B05100118M		3.00	0.1181			2,24		B05100484F		12.30	0.4844			10,00	
B05100125F	1/8	3.17	0.1250	33	66	2,80	4	B05100492M		1/2	12.50	0.4921	10,00		
B05100126M		3.20	0.1260			2,80		B05100500F	12.70		0.5000	10,00			
B05100137M	9/64	3.50	0.1378	35	71	2,80	4	B05100511M	33/64	13.10	0.5156	10,00			
B05100140F		3.57	0.1406			2,80		B05100515F		13.10	0.5156	10,00			
B05100156F	5/32	3.97	0.1562	38	76	3,15	6	B05100531F	17/32	13.49	0.5312	81	163	11,20	6
B05100157M		4.00	0.1575			3,15		B05100531M	13.50	0.5315	11,20				
B05100171F	11/64	4.37	0.1719	41	81	3,55	6	B05100546F	35/64	13.89	0.5469	11,20			
B05100177M		4.50	0.1772			3,55		B05100551M	9/16	14.00	0.5512	11,20			
B05100187F	3/16	4.76	0.1875	44	87	4,00	6	B05100562F		37/64	14.29	0.5625	81	163	11,20
B05100196M		5.00	0.1968			4,00		B05100570M	14.50		0.5709	11,20			
B05100203F		5.16	0.2031			4,00		B05100578F	14.68		0.5781	11,20			
B05100216M	7/32	5.50	0.2165	47	93	4,50	6	B05100590M	15.00	14.68	0.5906	11,20			
B05100218F		5.56	0.2188			4,50		B05100593F		19/32	15.08	0.5938	12,50		
B05100234F		15/64	5.95			0.2344		4,50		B05100609F	39/64	15.48	0.6094	12,50	
B05100236M			6.00			0.2362		4,50		B05100610M		15.50	0.6102	12,50	
B05100250F	1/4	6.35	0.2500	50	100	5,00	6	B05100625F	5/8	15.87	0.6250	12,50	8		
B05100255M		6.50	0.2559			5,00		B05100629M	41/64	16.00	0.6299	12,50			
B05100265F	17/64	6.75	0.2656	54	107	5,60	6	B05100640F		21/32	16.27	0.6406	12,50		
B05100275M		7.00	0.2756			5,60		B05100649M	16.50		0.6496	12,50			
B05100281F		9/32	7.14			0.2812		5,60	B05100656F		17.00	16.67	0.6562	12,50	
B05100295M	7.50		0.2953	6,30	B05100669M	17.00	0.6693	12,50							
B05100296F	19/64	7.54	0.2969	58	115	6,30	6	B05100671F	43/64	17.07	0.6719	93	188	12,50	8
B05100312F		5/16	7.94			0.3125		6,30	B05100687F	11/16	17.46			0.6875	
B05100315M	21/64	8.00	0.3150	62	124	6,30	6	B05100689M	45/64	17.50	0.6890	14,00			
B05100328F		8.33	0.3281			6,30		B05100703F		17.86	0.7031	14,00			
B05100334M		8.50	0.3346			7,10		B05100708M		18.00	0.7087	14,00			
								B05100718F		23/32	18.25	0.7188	14,00		
B05100343F	11/32	8.73	0.3438	62	124	7,10	6	B05100734F	47/64	18.65	0.7344	14,00			
B05100354M		9.00	0.3543			7,10		B05100748M		19.00	0.7480	16,00			
B05100359F		23/64	9.13			0.3594		7,10		B05100750F	3/4	19.05	0.7500	16,00	
B05100374M			9.50			0.3740		8,00		B05100765F	49/64	19.45	0.7656	16,00	
					B05100781F	25/32	19.84	0.7812	16,00						
					B05100787M	13/16	20.00	0.7874	16,00						
					B05100812F		20.64	0.8125	16,00						
					B05100826M	21.00	0.8268	16,00							

Continued

Code	d1		Decimal Equiv.	L1 mm	L2 mm	Sq a mm	No. of Flutes	Code	d1		Decimal Equiv.	L1 mm	L2 mm	Sq a mm	No. of Flutes
	Inch	mm							Inch	mm					
B05100843F	27/32	21.43	0.8438			18,00	8	B05101338M	1-3/8	34.00	1.3386			28,00	10
B05100866M	7/8	22.00	0.8661	107	215	18,00		B05101375F		34.92	1.3750	142	284	28,00	
B05100875F		22.22	0.8750			18,00		B05101378M		35.00	1.3780			28,00	
B05100905M		23.00	0.9055			18,00		B05101417M		36.00	1.4173			28,00	
B05100906F	29/32	23.02	0.9062			18,00		B05101437F		1-7/16	36.51			1.4375	
B05100937F	15/16	23.81	0.9375			115	231	20,00	B05101456M	37.00	1.4567			28,00	
B05100944M		24.00	0.9449	20,00	B05101496M			1-1/2	38.00	1.4961	31,50				
B05100984M	1	25.00	0.9843	115	231	20,00	B05101500F		38.10	1.5000	31,50				
B05101000F		25.40	1.0000			20,00	B05101535M		39.00	1.5354	31,50				
B05101023M		26.00	1.0236			20,00	B05101574M		40.00	1.5748	31,50				
B05101062F	1-1/16	26.99	1.0625	124	247	20,00	B05101614M	1-5/8	41.00	1.6142	152	305	31,50	12	
B05101063M	1-1/8	27.00	1.0630			22,40	B05101625F		41.27	1.6250			31,50		
B05101102M		28.00	1.1024			22,40	B05101653M		42.00	1.6535			31,50		
B05101125F		28.57	1.1250	22,40	B05101692M	1-3/4	43.00	1.6929	35,50						
B05101141M		29.00	1.1417	22,40	B05101732M		44.00	1.7323	35,50						
B05101181M		30.00	1.1811	25,00	B05101750F		44.45	1.7500	35,50						
B05101187F	1-3/16	30.16	1.1875	133	265		25,00	B05101771M	163	326	35,50				
B05101220M	1-1/4	31.00	1.2205				25,00	B05101811M			45.00	1.7717	35,50		
B05101250F		31.75	1.2500			25,00	B05101850M	46.00			1.8110	35,50			
B05101259M		32.00	1.2598			25,00	B05101875F	1-7/8			47.62	1.8750	40,00		
B05101299M	1-5/16	33.00	1.2992			25,00	B05101889M	48.00			1.8898	40,00			
B05101312F		33.34	1.3125	25,00	B05101929M	49.00	1.9291	40,00							
							B05101968M	2	50.00	1.9685	174	347	40,00		
							B05102000F		50.80	2.0000			40,00		
													40,00		

Hand Reamers will be supplied right hand cutting with left hand spiral flutes with both 45° bevel and taper lead unless otherwise requested.

Tolerances: See notes on pages 35 and 36.

VARIANTS:

Type	Page Ref.
Special Diameter/Tolerance	23
Adjustable	24/25/26/27
Taper Pin	15
Socket	16

