

# Micro Reamers Straight Shank Chucking Reamers

Maschinen-Reibahlen mit Zylinderschaft

Alésoirs à Machines avec Queue Cylindrique

## HSS-E Cobalt

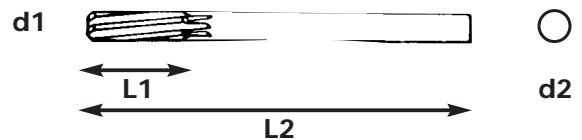
RANGE 1mm to 1.99mm  
IN 0.01mm INCREMENTS  
LIST CODE CSSP  
LEFT HAND SPIRAL  
RIGHT HAND CUTTING  
TOLERANCE: +.004mm  
-.000



Code	d1 mm	L1 mm	L2 mm	d2 mm	No. of Flutes
CSSP0100MM	1.00 to 1.99	12	46	★	4

Codes for other sizes as format ie 1.24 would be CSSP0124MM

★ Shank diameter (d2) = Nominal diameter (d1) to h9 tolerance



# Ex-Stock Intermediates Straight Shank Chucking Reamers

Maschinen-Reibahlen mit Zylinderschaft

Alésoirs à Machines avec Queue Cylindrique

## HSS-E Cobalt

RANGE 2mm to 12mm  
IN 0.01mm INCREMENTS  
LIST CODE CSSP  
LEFT HAND SPIRAL  
RIGHT HAND CUTTING  
TOLERANCE: +.004mm  
-.000



Code	d1 mm	L1 mm	L2 mm	d2 mm	No. of Flutes	Code	d1 mm	L1 mm	L2 mm	d2 mm	No. of Flutes
CSSP0200MM	2.00-2.10	12	49	★	4	CSSP0521MM	5.21-5.60	26	93	5.6	6
CSSP0211MM	2.11-2.40	14	57	★	4	CSSP0561MM	5.61-6.10	26	93	5.6	6
CSSP0241MM	2.41-2.70	14	57	★	4	CSSP0611MM	6.11-6.40	28	101	6	6
CSSP0271MM	2.71-3.10	15	61	★	4	CSSP0641MM	6.41-7.10	31	109	7.1	6
CSSP0311MM	3.11-3.20	15	61	★	6	CSSP0711MM	7.11-7.60	31	109	7.6	6
CSSP0321MM	3.21-3.40	16	65	★	6	CSSP0761MM	7.61-8.10	33	117	8	6
CSSP0341MM	3.41-3.70	18	70	★	6	CSSP0811MM	8.11-9.00	36	125	9	6
CSSP0371MM	3.71-4.00	19	75	★	6	CSSP0901MM	9.01-10.10	38	133	10	6
CSSP0401MM	4.01-4.20	19	75	★	6	CSSP1011MM	10.11-11.00	41	142	10	6
CSSP0421MM	4.21-4.40	19	75	★	6	CSSP1101MM	11.01-12.00	44	151	10	6
CSSP0441MM	4.41-4.80	23	86	4.5	6						
CSSP0481MM	4.81-5.20	23	86	5	6						

Codes for other sizes as format ie 2.90 would be CSSP0290MM

★ Shank diameter (d2) = Nominal diameter (d1) to h9 tolerance



# Special Diameters Taper Shank Machine Reamers

Maschinen-Reibahlen mit Morsekegelschaft

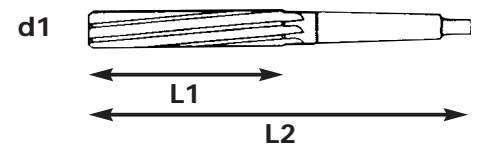
Alésoirs à Machines avec Queue Cône Morse

RANGE 0.1181" to 2"  
3mm to 50.8mm  
LIST CODE S055

**HSS**



d1 Over Inch	d1 Up to and inc. Inch	d1 Over mm	d1 Up to and inc. mm	L1 mm	L2 mm	MTS	No. of Flutes	d1 Over Inch	d1 Up to and inc. Inch	d1 Over mm	d1 Up to and inc. mm	L1 mm	L2 mm	MTS	No. of Flutes
0.1181	0.1250	3.00	3.17	33	112	1	4	0.5512	0.5906	14.00	15.00	81	181	2	10
0.1250	0.1406	3.17	3.57	35	115	1	6	0.5906	0.6693	15.00	17.00	87	187	2	10
0.1406	0.1673	3.57	4.24	38	117	1	6	0.6693	0.7480	17.00	19.00	92	193	2	10
0.1673	0.1870	4.24	4.75	41	120	1	6	0.7480	0.8346	19.00	21.20	100	200	2	10
0.1870	0.2087	4.75	5.30	44	124	1	6	0.8346	0.9062	21.20	23.02	107	207	2	10
0.2087	0.2362	5.30	6.00	47	127	1	6	0.9062	0.9291	23.02	23.60	107	234	3	10
0.2362	0.2638	6.00	6.70	50	130	1	6	0.9291	1.0433	23.60	26.50	115	242	3	10
0.2638	0.2953	6.70	7.50	54	134	1	6	1.0433	1.1811	26.50	30.00	124	251	3	10
0.2953	0.3346	7.50	8.50	58	138	1	6	1.1811	1.2500	30.00	31.75	133	260	3	10
0.3346	0.3740	8.50	9.50	62	142	1	6	1.2500	1.3189	31.75	33.50	133	293	4	10
0.3740	0.4173	9.50	10.60	66	146	1	6	1.3189	1.4764	33.50	37.50	142	302	4	10
0.4173	0.4646	10.60	11.80	71	151	1	6	1.4764	1.6732	37.50	42.50	152	312	4	10
0.4646	0.5197	11.80	13.20	76	156	1	6	1.6732	1.7500	42.50	44.50	163	323	4	10
0.5197	0.5512	13.20	14.00	81	161	1	8	1.7500 1.8701	1.8701 2.0000	44.50 47.50	47.50 50.80	174 174	334 334	4	12



## Special Diameter/Tolerance Reamers

Special Diameter Reamers are made to BS 328 Part 4 and will be supplied on cutting diameter within the corresponding standard tolerance band (H7) unless otherwise stated and will be to standard lengths with a spiral flute. A large stock of reamer blanks are available for rapid finishing to size.

Tooling ordered before 3.00pm Monday to Thursday, 12 noon Friday is manufactured and despatched the same day.

**PLEASE NOTE:**

To avoid any errors when placing orders for special diameters confirmation is required by fax or email.

# Special Diameters Hand Reamers - Straight Shank

Hand-Reibahlen mit Zylinderschaft  
Alésoirs à Main à Queue Cylindrique

RANGE 0.0591" to 2"

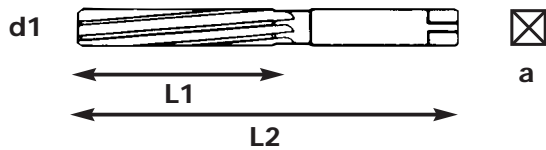
1.5mm to 50.8mm

LIST CODE S051

HSS



d1 Over Inch	d1 Up to and inc. Inch	d1 Over mm	d1 Up to and inc. mm	L1 mm	L2 mm	Sq. a mm	No. of Flutes	d1 Over Inch	d1 Up to and inc. Inch	d1 Over mm	d1 Up to and inc. mm	L1 mm	L2 mm	Sq. a mm	No. of Flutes
	0.0591		1.50	20	41	★	4	0.3346	0.3740	8.50	9.50	62	124	★	6
0.0591	0.0669	1.50	1.70	21	44	★	4	0.3740	0.4173	9.50	10.60	66	133	★	6
0.0669	0.0748	1.70	1.90	23	47	★	4	0.4173	0.4646	10.60	11.80	71	142	★	6
0.0748	0.0835	1.90	2.12	25	50	★	4	0.4646	0.5197	11.80	13.20	76	152	★	6
0.0835	0.0929	2.12	2.36	27	54	★	4	0.5197	0.5472	13.20	13.90	81	163	★	6
0.0929	0.1043	2.36	2.65	29	58	★	4	0.5472	0.5906	13.90	15.00	81	163	★	8
0.1043	0.1181	2.65	3.00	31	62	★	4	0.5906	0.6693	15.00	17.00	87	175	★	8
0.1181	0.1319	3.00	3.35	33	66	★	4	0.6693	0.7480	17.00	19.00	93	188	★	8
0.1319	0.1476	3.35	3.75	35	71	★	4	0.7480	0.8346	19.00	21.20	100	201	★	8
0.1476	0.1673	3.75	4.25	38	76	★	6	0.8346	0.9291	21.20	23.60	107	215	★	8
0.1673	0.1870	4.25	4.75	41	81	★	6	0.9291	0.9646	23.60	24.50	115	221	★	8
0.1870	0.2087	4.75	5.30	44	87	★	6	0.9646	1.0433	24.50	26.50	115	231	★	10
0.2087	0.2362	5.30	6.00	47	93	★	6	1.0433	1.1811	26.50	30.00	124	247	★	10
0.2362	0.2638	6.00	6.70	50	100	★	6	1.1811	1.3189	30.00	33.50	133	265	★	10
0.2638	0.2953	6.70	7.50	54	107	★	6	1.3189	1.4764	33.50	37.50	142	284	★	10
0.2953	0.3346	7.50	8.50	58	115	★	6	1.4764	1.5945	37.50	40.50	152	305	★	10
								1.5945	1.6732	40.50	42.50	152	305	★	12
								1.6732	1.8701	42.50	47.50	163	326	★	12
								1.8701	2.0000	47.50	50.80	174	347	★	12



★ Sq. a as nearest standard size within the limits (as pages 4-5).

# Special Diameters Straight Shank Machine Reamers

Maschinen-Reibahlen mit Zylinderschaft  
Alésoirs à Machine avec Queue Cylindrique

RANGE 0.0591" to 0.6299"

1.5mm to 16mm

LIST CODE S066

HSS



d1 Over Inch	d1 Up to and inc. Inch	d1 Over mm	d1 Up to and inc. mm	L1 mm	L2 mm	Sq. a mm	No. of Flutes	d1 Over Inch	d1 Up to and inc. Inch	d1 Over mm	d1 Up to and inc. mm	L1 mm	L2 mm	Sq. a mm	No. of Flutes
	0.0591		1.50	20	41	★	4	0.1870	0.2087	4.75	5.30	44	87	★	6
0.0591	0.0669	1.50	1.70	21	44	★	4	0.2087	0.2362	5.30	6.00	47	93	★	6
0.0669	0.0748	1.70	1.90	23	47	★	4	0.2362	0.2638	6.00	6.70	50	100	★	6
0.0748	0.0835	1.90	2.12	25	50	★	4	0.2638	0.2953	6.70	7.50	54	107	★	6
0.0835	0.0929	2.12	2.36	27	54	★	4	0.2953	0.3346	7.50	8.50	58	115	★	6
0.0929	0.1043	2.36	2.65	29	58	★	4	0.3346	0.3740	8.50	9.50	62	124	★	6
0.1043	0.1181	2.65	3.00	31	62	★	4	0.3740	0.4173	9.50	10.60	66	133	★	6
0.1181	0.1319	3.00	3.35	33	66	★	4	0.4173	0.4646	10.60	11.80	71	142	★	6
0.1319	0.1476	3.35	3.75	35	71	★	4	0.4646	0.5197	11.80	13.20	76	152	★	6
0.1476	0.1673	3.75	4.25	38	76	★	6	0.5197	0.5472	13.20	13.90	81	163	★	6
0.1673	0.1870	4.25	4.75	41	81	★	6	0.5472	0.5906	13.90	15.00	81	163	★	8
								0.5906	0.6299	15.00	16.00	87	175	★	8

★ Shank diameter = Nominal diameter (d1) - 0.025mm

