

Note

Custom reamer dimensions shown in Technical Section.

Operating parameters:
See Technical section

ASME
B94.2

DIN
338

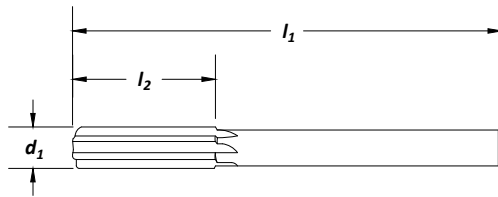
HSS



Surface
Treatment



Reamers



High Speed Steel

reamer dia.		decimal		overall length		flute length		number of flutes	order number
in	d ₁ wire	metric	equiv.	l ₁ in	mm	l ₂ in	mm		
	60		.0400	2.500		.500		4	4001 C25003
	59		.0410	2.500		.500		4	C25005
	58		.0420	2.500		.500		4	C25008
	57		.0430	2.500		.500		4	C25010
	56		.0465	2.500		.500		4	C25019
3/64			.0469	2.500		.500		4	C25020
	55		.0520	2.500		.500		4	C25034
	54		.0550	2.500		.500		4	C25041
		1.5	.0591		63.50		12.70	4	C25059
	53		.0595	2.500		.500		4	C25053
1/16			.0625	2.500		.500		4	C25060
	52		.0635	2.500		.500		4	C25063
	51		.0670	3.000		.750		4	C25072
	50		.0700	3.000		.750		4	C25079
	49		.0730	3.000		.750		4	C25087
	48		.0760	3.000		.750		4	C25094
5/64			.0781	3.000		.750		4	C25100
	47		.0785	3.000		.750		4	C25101
		2.0	.0787		76.20		19.05	4	C25095
	46		.0810	3.000		.750		4	C25108
	45		.0820	3.000		.750		4	C25110
	44		.0860	3.000		.750		4	C25120
	43		.0890	3.000		.750		4	C25128
	42		.0935	3.000		.750		4	C25139
3/32			.0938	3.000		.750		4	C25140
	41		.0960	3.500		.875		4	C25146
	40		.0980	3.500		.875		4	C25151
	39		.0995	3.500		.875		4	C25155
	38		.1015	3.500		.875		4	C25159
	37		.1040	3.500		.875		4	C25165
	36		.1065	3.500		.875		4	C25171
7/64			.1094	3.500		.875		4	C25178
	35		.1100	3.500		.875		4	C25180
	34		.1110	3.500		.875		4	C25183
	33		.1130	3.500		.875		4	C25187
	32		.1160	3.500		.875		4	C25194
		3.0	.1181		88.90		22.23	4	C25185
	31		.1200	3.500		.875		6	C25203
1230*			.1230	3.500		.875		6	*C25210
.1240			.1240	3.500		.875		6	C25212
.1247*			.1247	3.500		.875		6	*C25215
1/8			.1250	3.500		.875		6	C25216
.1260			.1260	3.500		.875		6	C25220
	30		.1285	3.500		.875		6	C25226
	29		.1360	4.000		1.000		6	C25243

*dowel pin reamer tolerance +.0000/- .0002

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Styles: 4001 (continued)

reamer dia.			overall length		flute length		number of flutes	order number
in	d ₁ wire	metric	decimal equiv.	l ₁ in	l ₁ mm	l ₂ in		
	28		.1405	4.000		1.000		C25253
9/64			.1406	4.000		1.000		C25254
	27		.1440	4.000		1.000		C25262
	26		.1470	4.000		1.000		C25269
	25		.1495	4.000		1.000		C25275
	24		.1520	4.000		1.000		C25281
	23		.1540	4.000		1.000		C25285
5/32			.1562	4.000		1.000		C25290
	22		.1570	4.000		1.000		C25292
		4.0	.1575		101.60		25.40	C25291
	21		.1590	4.500		1.125		C25297
	20		.1610	4.500		1.125		C25301
	19		.1660	4.500		1.125		C25313
	18		.1695	4.500		1.125		C25322
11/64			.1719	4.500		1.125		C25327
	17		.1730	4.500		1.125		C25330
	16		.1770	4.500		1.125		C25339
	15		.1800	4.500		1.125		C25346
	14		.1820	4.500		1.125		C25351
	13		.1850	4.500		1.125		C25357
1855*			.1855	4.500		1.125		*C25360
.1865			.1865	4.500		1.125		C25362
.1870*			.1870	4.500		1.125		*C25365
3/16			.1875	4.500		1.125		C25366
.1885			.1885	4.500		1.125		C25368
	12		.1890	4.500		1.125		C25369
	11		.1910	5.000		1.250		C25374
	10		.1935	5.000		1.250		C25380
	9		.1960	5.000		1.250		C25385
		5.0	.1969		127.00		31.75	C25314
	8		.1990	5.000		1.250		C25392
	7		.2010	5.000		1.250		C25397
13/64			.2031	5.000		1.250		C25402
	6		.2040	5.000		1.250		C25404
	5		.2055	5.000		1.250		C25408
	4		.2090	5.000		1.250		C25417
	3		.2130	5.000		1.250		C25426
7/32			.2188	5.000		1.250		C25438
	2		.2210	6.000		1.500		C25443
	1		.2280	6.000		1.500		C25459
	A		.2340	6.000		1.500		C25473
15/64			.2344	6.000		1.500		C25474
		6.0	.2362		152.40		38.10	C25475
	B		.2380	6.000		1.500		C25483
	C		.2420	6.000		1.500		C25492
	D		.2460	6.000		1.500		C25501
2480*			.2480	6.000		1.500		*C25508
.2490			.2490	6.000		1.500		C25510
.2495*			.2495	6.000		1.500		*C25512

*dowel pin reamer tolerance +.0000/- .0002

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Material Reference	Steel (HRC)				Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45
Bright	☆		☆		☆			☆	◆	☆			

☆ = Best Performance ◆ = Acceptable

Reamers
High Speed Steel

Reamers
High Speed Steel

reamer dia.		decimal		overall length		flute length		number of flutes	order number
in	d ₁ wire	metric	equiv.	l ₁ in	mm	l ₂ in	mm		
1/4	E		.2500	6.000		1.500		6	C25513
.2510			.2510	6.000		1.500		6	C25516
	F		.2570	6.000		1.500		6	C25530
	G		.2610	6.000		1.500		6	C25539
17/64			.2656	6.000		1.500		6	C25550
	H		.2660	6.000		1.500		6	C25552
	I		.2720	6.000		1.500		6	C25566
		7.0	.2756		152.40		38.10	6	C25567
	J		.2770	6.000		1.500		6	C25577
	K		.2810	6.000		1.500		6	C25585
9/32			.2812	6.000		1.500		6	C25608
	L		.2900	6.000		1.500		6	C25605
	M		.2950	6.000		1.500		6	C25617
19/64			.2969	6.000		1.500		6	C25622
	N		.3020	6.000		1.500		6	C25634
.3105*			.3105	6.000		1.500		6	*C25655
.3115			.3115	6.000		1.500		6	C25658
.3120*			.3120	6.000		1.500		6	*C25660
5/16			.3125	6.000		1.500		6	C25661
.3135			.3135	6.000		1.500		6	C25663
		8.0	.3150		152.40		38.10	6	C25668
	O		.3160	6.000		1.500		6	C25669
	P		.3230	6.000		1.500		6	C25685
21/64			.3281	6.000		1.500		6	C25698
	Q		.3320	6.000		1.500		6	C25707
	R		.3390	6.000		1.500		6	C25723
11/32			.3438	6.000		1.500		6	C25733
	S		.3480	7.000		1.750		6	C25742
		9.0	.3543		177.80		44.45	6	C25743
	T		.3580	7.000		1.750		6	C25764
23/64			.3594	7.000		1.750		6	C25768
	U		.3680	7.000		1.750		6	C25789
.3730*			.3730	7.000		1.750		6	*C25801
.3740			.3740	7.000		1.750		6	C25804
.3745*			.3745	7.000		1.750		6	*C25806
3/8			.3750	7.000		1.750		6	C25807
.3760			.3760	7.000		1.750		6	C25809
	V		.3770	7.000		1.750		6	C25811
	W		.3860	7.000		1.750		6	C25833
25/64			.3906	7.000		1.750		6	C25844
		10.0	.3937		177.80		44.45	6	C25845
	X		.3970	7.000		1.750		6	C25858
	Y		.4040	7.000		1.750		6	C25873
13/32			.4062	7.000		1.750		6	C25878
	Z		.4130	7.000		1.750		6	C25892
27/64			.4219	7.000		1.750		6	C25911
		11.0	.4331		177.80		44.45	6	C25912
.4355*			.4355	7.000		1.750		6	*C25942
.4365			.4365	7.000		1.750		6	C25944
.4370*			.4370	7.000		1.750		6	*C25946
7/16			.4375	7.000		1.750		6	C25947
.4385			.4385	7.000		1.750		6	C25949
29/64			.4531	7.000		1.750		6	C25981
15/32			.4688	7.000		1.750		6	C26014
		12.0	.4724		203.20		50.80	6	C26015
31/64			.4844	8.000		2.000		6	C26048
.4990*			.4990	8.000		2.000		6	*C26080

*dowel pin reamer tolerance +.0000/-0.0002

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Styles: 4001 (continued)

reamer dia.			overall length		flute length		number of flutes	order number	
in	d ₁ wire	metric	decimal equiv.	l ₁ in	l ₁ mm	l ₂ in			l ₂ mm
1/2			.5000	8.000		2.000	6	C26083	
.5010*			.5010	8.000		2.000	8	*C26085	
		13.0	.5118		203.20		50.80	8	C26086
17/32			.5312	8.000		2.000	8	C26150	
		14.0	.5512		203.20		50.80	8	C26151
9/16			.5625	8.000		2.000	8	C26217	
		15.0	.5906		203.20		50.80	8	C26218
19/32			.5938	8.000		2.000	8	C26284	
5/8			.6250	9.000		2.250	8	C26351	
		16.0	.6299		228.60		57.15	8	C26352
21/32			.6562	9.000		2.250	8	C26418	
11/16			.6875	9.000		2.250	8	C26485	
23/32			.7188	9.000		2.250	8	C26550	
3/4			.7500	9.500		2.500	8	C26615	
25/32			.7812	9.500		2.500	8	C26680	
13/16			.8125	9.500		2.500	8	C26746	
27/32			.8438	9.500		2.500	8	C26811	
7/8			.8750	10.000		2.625	8	C26876	
29/32			.9062	10.000		2.625	8	C26941	
15/16			.9375	10.000		2.625	8	C27006	
31/32			.9688	10.000		2.625	8	C27072	
1			1.0000	10.500		2.750	8	C27137	
1-1/16			1.0625	10.500		2.750	10	C27144	
1-1/8			1.1250	11.000		2.875	10	C27152	
1-3/16			1.1875	11.000		2.875	10	C27159	
1-1/4			1.2500	11.500		3.000	10	C27166	
1-3/8			1.3750	12.000		3.250	10	C27180	
1-1/2			1.5000	12.500		3.500	12	C27195	

*dowel pin reamer tolerance +.0000/- .0002

Reamers

High Speed Steel

SET

Style: 4001

Straight Shank and Flute Chucking

no. of pieces	surface treatment	size range	order number
29	bright	1/16" through 1/2" x 1/64"	C00964



Material Reference	Steel (HRC)				Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45
Bright	☆		☆		☆			☆	◆	☆			

☆ = Best Performance ◆ = Acceptable