

# Section 5 Cutting Tools

## HSS 1% EXPANDABLE HAND REAMERS # 859 A & # 859 B

High Speed Steel - Diameter 1/100 Adjustable  
Top Quality - Typical Origin: Austria, Germany, United States



# 859 A - Straight Flutes



# 859 B - Spiral Flutes

SIZE mm	STOCK AVAILABLE		LENGTH	
	# 859 A	# 859 B	FLUTE mm	OVERALL mm
4	x	-	24	76
5	x	-	30	87
6	x	x	33	93
7	x	x	38	107
8	x	x	42	115
9	x	x	46	124
10	x	x	50	133
11	x	x	51	142
12	x	x	56	152
13	x	x	56	152
14	x	x	61	163
15	x	x	61	163
16	x	x	67	175
17	x	x	67	175
18	x	x	68	188

SIZE mm	STOCK AVAILABLE		LENGTH	
	# 859 A	# 859 B	FLUTE mm	OVERALL mm
19	x	x	68	188
20	x	x	75	201
21	x	x	75	201
22	x	x	82	215
23	x	x	82	215
24	x	x	85	231
25	x	x	85	231
30	x	x	124	247
35	x	x	142	284
40	x	x	152	305
45	x	x	163	326
50	x	x	174	347
55	x	x	181	367
60	x	x	181	367

"x" denotes stock availability

## HSS ADJUSTABLE HAND REAMERS # 5110

High Speed Steel - Straight Flutes  
Top Quality - Typical Origin: Austria, Germany, United States



NOM. SIZE No.	ADJUSTABLE mm	LENGTH	
		FLUTE mm	OVERALL mm
NOM 1	9 - 10	34	115
NOM 2	10 - 11	34	115
NOM 3	11 - 12	35	125
NOM 4	12 - 13.5	41	135
NOM 5	13.5 - 15.5	50	146
NOM 6	15.5 - 18	60	166
NOM 7	18 - 21	65	178
NOM 8	21 - 24	76	195

NOM. SIZE No.	ADJUSTABLE mm	LENGTH	
		FLUTE mm	OVERALL mm
NOM 9	24 - 27.5	82	218
NOM 10	27.5 - 31.5	86	245
NOM 11	31.5 - 37	98	280
NOM 12	37 - 45	108	325
NOM 13	45 - 55	118	370
NOM 14	55 - 67	125	400
NOM 15	67 - 80	140	435
NOM 16	80 - 95	155	475

**How to Order**  
Item #: 859 A  
Size: 25  
Quantity: 2  
Tel: 1-888-966-MMCC

\*Please note: Diameter expandability increases with reamer diameter from approximately 10% for Nom. size No. 1 to 20% for No. 16.