

Insert for turning/back boring

MB	-	07	T	093	A	-	02	-	10	R
1		2	3	4	16		5		9	12

Insert for grooving/pre-parting

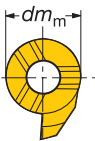
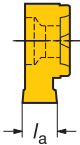
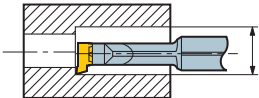
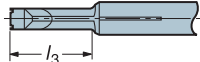
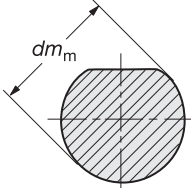
MB	-	07	G	070	-	00	-	10	R
1		2	3	6		5		9	12

Insert for threading

MB	-	07	TH	050	VM	-	10	R
1		2	3	7	8		9	12

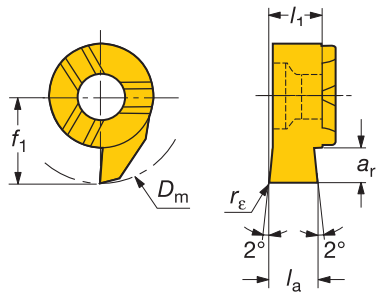
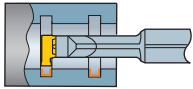
Boring bars

MB	-	A	16	-	16	-	07	R
1		13	14		10		2	15

1 Main code MB = CoroCut® MB 4 Entering angle (Turning) E.g.: 093 = 93°	2 Insert size, mm  07 = 7 mm (.276 inch) 09 = 9 mm (.354 inch)	3 Type of operation B = Back boring G = Grooving GX = Pre-parting R = Profiling full radius T = Turning TE = Turning copying, extended f ₁ -dimension TH = Threading FA = Face grooving A-curve FB = Face grooving B-curve
5 Nose radius, r_ε mm (Turning)  E.g.: 00 = Sharp 02 = 0.2 mm (.008 inch)	6 Insert width, l_a mm (Grooving)  E.g.: 100 = 1.00 mm (.039 inch)	7 Pitch (Threading) mm: pitch x 100 inch: No. of threads per inch x 10 (TPI)
8 Thread profile (Threading) VM = V profile 60° MM = Metric 60° WH = Whitworth 55° UN = UN 60° NT = NPT 60° AC = ACME 29° SA = STUB-ACME	9 Min bore diameter, D_m min. (Insert)  E.g.: 10 = 10 mm (.394 inch)	10 Penetration depth, l₃ (boring bar)  Inch E.g.: 06 = 0.630 inch 08 = 0.787 inch 12 = 1.260 inch Metric E.g.: 16 = 16 mm
12 Hand of insert R = Right hand style L = Left hand style	14 Bar dia, d_m inch  Inch 0625 = .625 inch Metric 16 = 16 mm	15 Shank type R = Cylindrical No symbol = With flats 16 Geometry - = Without chip forming geometry A = Chip forming geometry

CoroCut® MB inserts

Grooving



Tolerances, mm (inch):
 l_a : +0.05/-0 (+.002/-0)

r_e ±0.02 (±.0008)
 l_1 : ±0.02 (±.0008)

Centre height:
 +0.05/-0 (+.002/-0)

Tolerances, mm (inch):

For circlip grooves
 l_a : +0.03/-0 (+.0012/-0)
 l_1 : ±0.02 (.0008)

Centre height:
 +0.05/-0 (.002/-0)
 -0

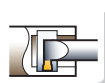
Right hand style shown

	Selection criteria, millimeter, inch (mm, in.)				Insert size ¹⁾		Dimensions, millimeter, inch (mm, in.)								P	M	N	S	
															GC	GC	GC	GC	
	l _a mm	l _a in.	a _r max mm	a _r max in.			d _m mm	Ordering code	D _m min mm	D _m min in.	f ₁ mm	f ₁ in.	l ₁ mm	l ₁ in.	r _e mm	r _e in.	1025	1025	1025
 MB-..G	1.00	.039	1.8	.071	07	MB-07G100-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★	
	1.50	.059	1.8	.071		MB-07G150-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★	
	2.00	.079	1.8	.071		MB-07G200-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★	
	2.50	.098	1.8	.071		MB-07G250-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★	
	3.00	.118	1.8	.071		MB-07G300-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★	
	3.18	.125	1.8	.071		MB-07G318-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★	
	1.00	.039	2.8	.110	07	MB-07G100-00-11L	11	.433	6.8	.268	3.9	.154	0	0	★	★	★	★	
	1.00	.039	2.8	.110		MB-07G100-00-11R	11	.433	6.8	.268	3.9	.154	0	0	★	★	★	★	
	1.50	.059	2.8	.110		MB-07G150-00-11R/L	11	.433	6.8	.268	3.9	.154	0	0	★	★	★	★	
	2.00	.079	2.8	.110		MB-07G200-00-11R/L	11	.433	6.8	.268	3.9	.154	0	0	★	★	★	★	
	2.50	.098	2.8	.110		MB-07G250-00-11R/L	11	.433	6.8	.268	3.9	.154	0	0	★	★	★	★	
	3.00	.118	2.8	.110		MB-07G300-00-11R/L	11	.433	6.8	.268	3.9	.154	0	0	★	★	★	★	
	3.18	.125	2.8	.110	07	MB-07G318-00-11R/L	11	.433	6.8	.268	3.9	.154	0	0	★	★	★	★	
	1.00	.039	3.4	.134		MB-07G100-00-12R/L	12	.472	7.4	.291	3.9	.154	0	0	★	★	★	★	
	1.50	.059	3.4	.134		MB-07G150-00-12R/L	12	.472	7.4	.291	3.9	.154	0	0	★	★	★	★	
	2.00	.079	3.4	.134		MB-07G200-00-12R/L	12	.472	7.4	.291	3.9	.154	0	0	★	★	★	★	
	1.50	.059	4	.157		09	MB-09G150-00-14R/L	14	.551	9	.354	5.3	.209	0	0	★	★	★	★
	2.00	.079	4	.157			MB-09G200-00-14R/L	14	.551	9	.354	5.3	.209	0	0	★	★	★	★
	2.00	.079	4	.157	MB-09G200-02-14R/L		14	.551	9	.354	5.3	.209	0	0	★	★	★	★	
	2.50	.098	4	.157	MB-09G250-00-14R/L		14	.551	9	.354	5.3	.209	0	0	★	★	★	★	
	3.00	.118	4	.157	MB-09G300-00-14R/L		14	.551	9	.354	5.3	.209	0	0	★	★	★	★	
	1.50	.059	5.5	.216	09		MB-09G150-00-16R/L	16	.630	10.5	.413	5.2	.205	0	0	★	★	★	★
	2.00	.079	5.5	.216		MB-09G200-00-16R/L	16	.630	10.5	.413	5.2	.205	0	0	★	★	★	★	
	2.00	.079	5.5	.216		MB-09G200-02-16R/L	16	.630	10.5	.413	5.2	.205	0	0	★	★	★	★	
	2.50	.098	5.5	.216		MB-09G250-00-16R/L	16	.630	10.5	.413	5.2	.205	0	0	★	★	★	★	
	2.50	.098	5.5	.216		MB-09G250-02-16R/L	16	.630	10.5	.413	5.2	.205	0	0	★	★	★	★	
	3.00	.118	5.5	.216		MB-09G300-00-16R/L	16	.630	10.5	.413	5.2	.205	0	0	★	★	★	★	
	3.00	.118	5.5	.216	09	MB-09G300-02-16R/L	16	.630	10.5	.413	5.2	.205	0	0	★	★	★	★	
	1.50	.059	6.5	.256		MB-09G150-00-17R/L	17	.669	11.5	.453	5.2	.205	0	0	★	★	★	★	
	2.00	.079	6.5	.256		MB-09G200-00-17R/L	17	.669	11.5	.453	5.2	.205	0	0	★	★	★	★	
	2.50	.098	6.5	.256		MB-09G250-00-17R/L	17	.669	11.5	.453	5.2	.205	0	0	★	★	★	★	
	3.00	.118	6.5	.256		MB-09G300-00-17R/L	17	.669	11.5	.453	5.2	.205	0	0	★	★	★	★	
For circlip grooves																			
0.73	.029	1.2	.047	07	MB-07G070-00-10R/L	10	.394	5.8	.228	3.8	.150	0	0	★	★	★	★		
0.83	.033	1.3	.051		MB-07G080-00-10R/L	10	.394	5.8	.228	3.8	.150	0	0	★	★	★	★		
0.93	.037	1.5	.059		MB-07G090-00-10R/L	10	.394	5.8	.228	3.8	.150	0	0	★	★	★	★		
1.20	.047	1.8	.071		MB-07G120-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★		
1.40	.055	1.8	.071		MB-07G140-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★		
1.70	.067	1.8	.071		MB-07G170-00-10R/L	10	.394	5.8	.228	3.9	.154	0	0	★	★	★	★		
0.73	.029	1.2	.047	09	MB-09G070-00-14R/L	14	.551	9	.354	5.2	.205	0	0	★	★	★	★		
0.83	.033	1.3	.051		MB-09G080-00-14R/L	14	.551	9	.354	5.2	.205	0	0	★	★	★	★		
0.93	.037	1.5	.059		MB-09G090-00-14R/L	14	.551	9	.354	5.2	.205	0	0	★	★	★	★		
1.20	.047	4	.157		MB-09G120-00-14R/L	14	.551	9	.354	5.3	.209	0	0	★	★	★	★		
1.40	.055	4	.157		MB-09G140-00-14R/L	14	.551	9	.354	5.3	.209	0	0	★	★	★	★		
1.70	.067	4	.157		MB-09G170-00-14R/L	14	.551	9	.354	5.3	.209	0	0	★	★	★	★		
															P25	M25	N25	S25	

¹⁾ To correspond to insert size on holder

R = Right hand, L = Left hand

★ = First choice



B106



B137



B146

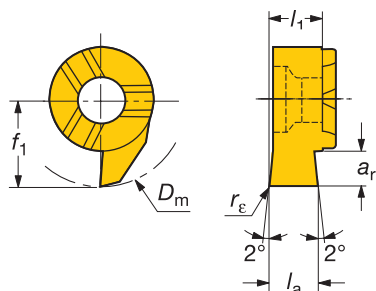
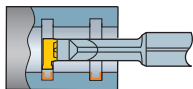


B2

CoroCut® MB inserts

Grooving

For hardened materials



Tolerances, mm (inch):

l_a : +0.05/-0 (+.002/-0)

l_1 : ±0.02 (±.0008)

Centre height:

+0.05/-0 (+.002/-0)

-0

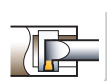
Right hand style shown

	Selection criteria, millimeter, inch (mm, in.)				Insert size ¹⁾	Ordering code	Dimensions, millimeter, inch (mm, in.)								H
	l_a mm	l_a in.	a_r max mm	a_r max in.			D_m min mm	D_m min in.	f_1 mm	f_1 in.	l_1 mm	l_1 in.	r_e mm	r_e in.	
 MB-..G	1.00	.039	2.8	.110	07	MB-07G100-00-11R	11	.433	6.8	.268	3.9	.154	0	0	★
	1.50	.059	2.8	.110		MB-07G150-00-11R	11	.433	6.8	.268	3.9	.154	0	0	★
															H15

¹⁾ To correspond to insert size on holder

R = Right hand, L = Left hand

★ = First choice



B106



B137



B146



B2

CoroCut® MB inserts

Turning/profileing

Entering angle 45°

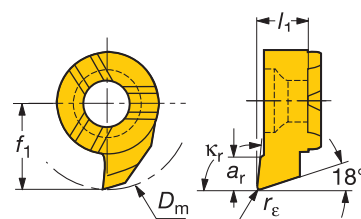
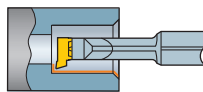
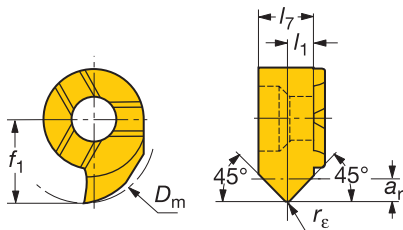
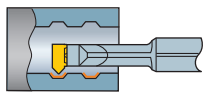
MB-07T 045 Turning/profileing

Entering angle 93°

MB-07T093 Turning

Lead angle 45°

Lead angle -3°



Tolerances, mm (inch):

 $r_e: \pm 0.02 (\pm .0008)$ $l_1: \pm 0.02 (\pm .0008)$

Centre height:

 $+0.05/-0 (+.002/-0)$

Right hand style shown

	Selection criteria, millimeter, inch (mm, in.)				Insert size ¹⁾	Ordering code	Dimensions, millimeter, inch (mm, in.)												P M N S			
	r_e mm	r_e in.	a_r max mm	a_r max in.			D_m min mm	D_m min in.	f_1 mm	f_1 in.	l_1 mm	l_1 in.	l_7 mm	l_7 in.					GC	GC	GC	GC
 MB-..T045	0.20	.008	1.50	.059	07	MB-07T045-02-10R/L	10.00	.394	5.80	.228	2.00	.079	4.00	.157					★	★	★	★
 MB-..T093	0.20	.008	1.80	.071	07	MB-07T093-02-10L	10.00	.394	5.60	.220	3.90	.154							★	★	★	★
	0.20	.008	1.80	.071		MB-07T093-02-10R	10.00	.394	5.60	.220	3.90	.154							★	★	★	★
																			P25	M25	N25	S25

¹⁾ To correspond to insert size on holder

R = Right hand, L = Left hand

★ = First choice



B106



B137



B146



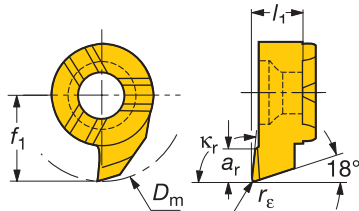
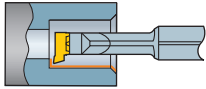
B2

CoroCut® MB inserts

With chip forming geometry

Entering angle
Lead angle

Turning
MB-07T093
 κ_r 93°
-3°



Tolerances, mm (inch):

r_e : ± 0.02 (± 0.0008)

l_1 : ± 0.02 (± 0.0008)

Centre height: $+0.05/-0$ ($+0.002/-0$)

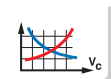
Right hand style shown

	Selection criteria, millimeter, inch (mm, in.)				Insert size ¹⁾	Ordering code	Dimensions, millimeter, inch (mm, in.)						P	M	N	S
	r_e	r_e	a_r max	a_r max			D_m min	D_m min	f_1	f_1	l_1	l_1	GC	GC	GC	GC
	mm	in.	mm	in.			mm	in.	mm	in.	mm	in.	1025	1025	1025	1025
 MB-..T093	0.20	.008	1.80	.071	07	MB-07T093A02-10R/L	10.00	.394	5.60	.220	3.90	.154	☆	☆	☆	☆
													P25	M25	N25	S25

¹⁾ To correspond to insert size on holder

R = Right hand, L = Left hand

★ = First choice



See Turning tools catalogue.

CoroCut® MB inserts

Copying/back boring

Entering angle 93°

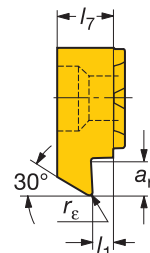
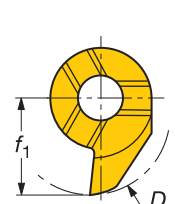
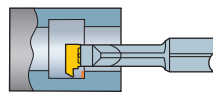
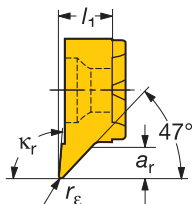
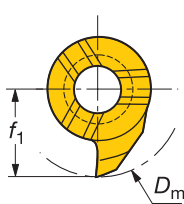
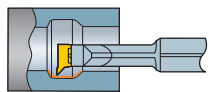
MB-07TE 93 Copying

Entering angle 90°

MB-07B Back boring

Lead angle -3°

Lead angle 0°



Tolerances, mm (inch):

 $r_e: \pm 0.02 (\pm .0008)$ $l_1: \pm 0.02 (\pm .0008)$

Centre height:

 $+0.05/-0 (+.002/-0)$

Right hand style shown

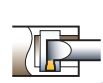
	Selection criteria, millimeter, inch (mm, in.)				Insert size ¹⁾	Ordering code	Dimensions, millimeter, inch (mm, in.)												P	M	N	S
	r_e mm	r_e in.	a_r max mm	a_r max in.			D_m min mm	D_m min in.	f_1 mm	f_1 in.	l_1 mm	l_1 in.	l_7 mm	l_7 in.	l_7 mm	l_7 in.	l_7 mm	l_7 in.				
 MB-..TE93	0.20	.008	1.80	.071	07	MB-07TE93-02-10R/L	10.00	.394	5.80	.220	3.90	.154							★	★	★	★
 MB-..B	0.20	.008	2.60	.102	07	MB-07B030-02-11R/L ²⁾	11.00	.433	6.80	.268	1.30	.051	4.00	.157					★	★	★	★
																			P25	M25	N25	S25

¹⁾ To correspond to insert size on holder

R = Right hand, L = Left hand

²⁾ Insert with extended f_1 dimension

★ = First choice



B106



B137



B146



B2

CoroCut® MB inserts

Turning

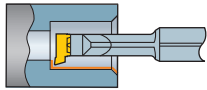
For machining of hardened materials

Entering angle

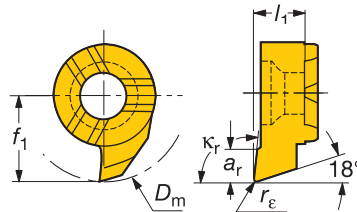
$\kappa_r 93^\circ$

Lead angle

-3°



MB-07T 93 Turning



Tolerances, mm (inch):

$r_e = \pm 0.02 (\pm 0.0008)$

$l_1 = \pm 0.02 (\pm 0.0008)$

Centre height:

$+0.05/-0 (+.002 / -0)$

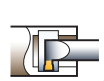
Right hand style shown

	Selection criteria, millimeter, inch (mm, in.)				Insert size ¹⁾	Ordering code	Dimensions, millimeter, inch (mm, in.)						H
	r_e	r_e	a_r max	a_r max			D_m min	D_m min	f_1	f_1	l_1	l_1	
	mm	in.	mm	in.			mm	in.	mm	in.	mm	in.	
 MB-07T093	0.20	.008	1.80	.071	07	MB-07T093-02-10R	10.00	.394	5.60	.220	3.90	.154	7015
													CB
													H15

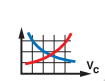
¹⁾ To correspond with insert size on holder.

R = Right hand, L = Left hand

★ = First choice



B106



B137



B146

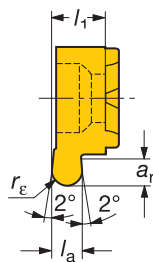
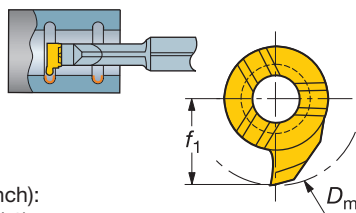


B2

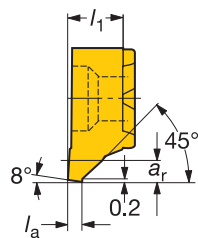
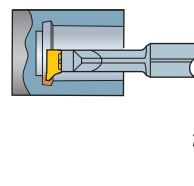
CoroCut® MB inserts

Profiling and pre-parting

MB-07R Profiling



MB-07GX Pre-parting



Tolerances, mm (inch):

 $l_a +0.05/-0 (+.002/-0)$ $r_\epsilon \pm 0.02 (\pm .0008/-0)$ $l_1 \pm 0.02 (\pm .0008)$

Centre height:

 $+0.05/-0 (+.002/-0)$

Right hand style shown

	Selection criteria, millimeter, inch (mm, in.)						Insert size ¹⁾	Ordering code	Dimensions, millimeter, inch (mm, in.)						P	M	N	S
	l_a	l_a	r_ϵ	r_ϵ	a_r max	a_r max			D_m min	D_m min	f_1	f_1	l_1	l_1				
	mm	in.	mm	in.	mm	in.			mm	in.	mm	in.	mm	in.				
 MB-07R	0.80	.032	0.40	.016	1.80	.071	07	MB-07R080-04-10R/L	10	.394	5.80	.228	3.90	.154	★	★	★	★
	1.20	.047	0.60	.024	1.80	.071		MB-07R120-06-10R/L	10	.394	5.80	.228	3.90	.154	★	★	★	★
	1.80	.071	0.90	.035	1.80	.071		MB-07R180-09-10R/L	10	.394	5.80	.228	3.90	.154	★	★	★	★
	2.00	.079	1.00	.039	1.80	.071		MB-07R200-10-10R/L	10	.394	5.80	.228	3.90	.154	★	★	★	★
	0.80	.032	0.40	.016	4.00	.157	09	MB-09R080-04-14R/L	14	.551	9.00	.354	5.20	.205	★	★	★	★
	1.20	.047	0.60	.024	4.00	.157		MB-09R120-06-14R/L	14	.551	9.00	.354	5.30	.209	★	★	★	★
	1.80	.071	0.90	.035	4.00	.157		MB-09R180-09-14R/L	14	.551	9.00	.354	5.30	.209	★	★	★	★
	2.00	.079	1.00	.039	4.00	.157		MB-09R200-10-14R/L	14	.551	9.00	.354	5.30	.209	★	★	★	★
	2.20	.087	1.10	.043	4.00	.157		MB-09R220-11-14R/L	14	.551	9.00	.354	5.30	.209	★	★	★	★
 MB-07GX	3.00	.118	1.50	.059	4.00	.157		MB-09R300-15-14R/L	14	.551	9.00	.354	5.30	.209	★	★	★	★
	1.00	.039			1.50	.059	07	MB-07GX100-00-10R/L	10	.394	5.80	.228	3.90	.154	★	★	★	★
															P25	M25	N25	S25

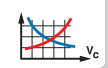
¹⁾ To correspond to insert size on holder

R = Right hand, L = Left hand

★ = First choice



B106



B137



B146



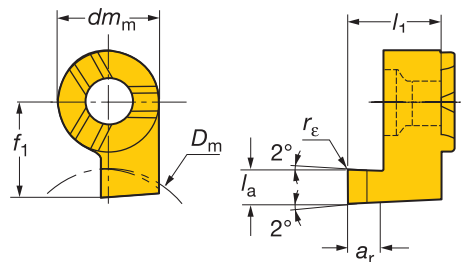
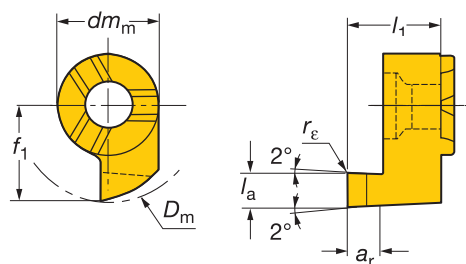
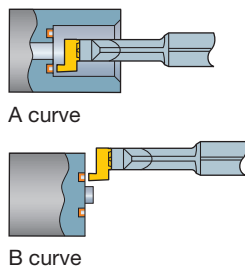
B2

CoroCut® MB inserts

Face grooving

MB-09FA A-curve

MB-09FB B-curve



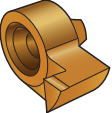
Tolerances, mm (inch):

 $l_a = +0.05/-0$ (+.002/-0) $r_\epsilon = \pm 0.02$ ($\pm .0008$) $l_1 = \pm 0.02$ ($\pm .0008$)

Centre height:

 $+0.05/-0$ (+.002/- 0)

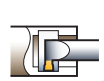
Right hand style shown

	Selection criteria, millimeter, inch (mm, in.)								Insert size ¹⁾	Ordering code	Dimensions, millimeter, inch (mm, in.)							
	l_a	l_a	r_ϵ	r_ϵ	D_m	D_m	a_r	a_r			f_1	f_1	l_1	l_1				
	mm	in.	mm	in.	min	min	max	max			mm	in.	mm	in.	mm	in.	mm	in.
 MB-FA	1.000	.039	0	.000	14	.551	1.5	.059	09	MB-09FA100-00-14R/L	9	.354	8.3	.327	★	★	★	★
	1.500	.059	0.2	.008	14	.551	2.5	.098		MB-09FA150-02-14R/L	9	.354	8.3	.327	★	★	★	★
	2.000	.079	0.2	.008	14	.551	5	.197		MB-09FA200-02-14R/L	9	.354	10.3	.406	★	★	★	★
	2.500	.098	0.2	.008	14	.551	5	.197		MB-09FA250-02-14R/L	9	.354	10.3	.406	★	★	★	★
	3.000	.118	0.2	.008	14	.551	5	.197		MB-09FA300-02-14R/L	9	.354	10.3	.406	★	★	★	★
 MB-FB	1.000	.039	0	.000	12	.472	1.5	.059	09	MB-09FB100-00-14R/L	7	.276	8.3	.327	★	★	★	★
	1.500	.059	0.2	.008	12	.472	2.5	.098		MB-09FB150-02-14R/L	7.5	.295	8.3	.327	★	★	★	★
	2.000	.079	0.2	.008	12	.472	5	.197		MB-09FB200-02-14R/L	8	.315	10.3	.406	★	★	★	★
	2.500	.098	0.2	.008	12	.472	5	.197		MB-09FB250-02-14R/L	8.5	.335	10.3	.406	★	★	★	★
	3.000	.118	0.2	.008	12	.472	5	.197		MB-09FB300-02-14R/L	9	.354	10.3	.406	★	★	★	★

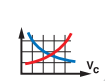
¹⁾ To correspond to insert size on holder

N = Neutral, R = Right hand, L = Left hand

★ = First choice



B106



B137



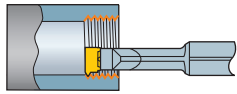
B146



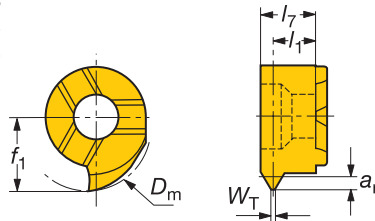
B2

CoroCut® MB inserts

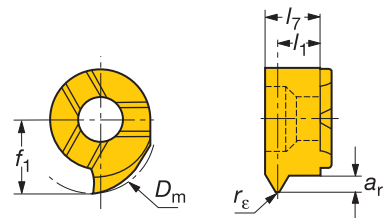
Threading



Metric 60°
UN 60°?
V-profile 60°
NPT 60°



Whitworth 55°



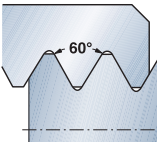
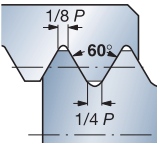
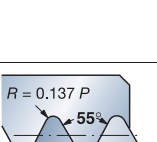
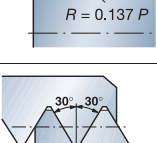
Tolerances, mm (inch):

 f_1 : ± 0.02 (± 0.008)

Centre height:

+0.05/-0 (+.002/-0)

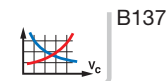
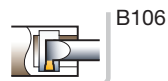
Right hand style shown

	Insert size ¹⁾	Pitch		Pitch, TPI			Dimensions, millimeter, inch (mm, in.)												P	M	N	S
		Pitch, mm	min max	TPI min max	Ordering code		a_r max mm	a_r max in.	D_m min mm	D_m min in.	f_1 mm	f_1 in.	l_1 mm	l_1 in.	l_7 mm	l_7 in.	W_T mm	W_T in.				
	07	0.5 1 1.5 2 2.5	0.75 1.25 1.75 2.25	48 24 16 12 10	32 28 20 14 11	MB-07TH050VM-10R/L MB-07TH100VM-10R/L MB-07TH150VM-10R/L MB-07TH200VM-10R/L MB-07TH250VM-10R/L	0.41 0.55 0.81 1.08 1.35	.016 .022 .032 .042 .053	10 10 10 10 10	.394 .394 .394 .394 .394	5.8 5.8 5.8 5.8 5.8	.228 .228 .228 .228 .228	3.4 3.2 3 2.8 2.6	.134 .126 .118 .108 .100	3.8 3.8 3.8 3.8 3.8	.150 .150 .150 .150 .150	0.06 0.12 0.18 0.25 0.31	.002 .005 .007 .010 .012	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
	07	0.5 1.0 1.0 1.5 1.5 1.75 2.0 2.5				Metric 60° MB-07TH050MM-10R/L MB-07TH100MM-10L MB-07TH100MM-10R MB-07TH150MM-10L MB-07TH150MM-10R MB-07TH175MM-10R/L MB-07TH200MM-10R/L MB-07TH250MM-10R/L	0.27 0.54 0.54 0.81 0.81 0.95 1.08 1.35	.011 .021 .021 .032 .032 .037 .042 .053	10 10 10 10 10 10 10 10	.394 .394 .394 .394 .394 .394 .394 .394	5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	.228 .228 .228 .228 .228 .228 .228 .228	3.4 3.2 3.2 3 3 2.9 2.8 2.6	.134 .126 .126 .118 .118 .114 .108 .100	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	.150 .150 .150 .150 .150 .150 .150 .150	0.06 0.12 0.12 0.18 0.18 0.21 0.25 0.31	.002 .005 .005 .007 .007 .008 .010 .012	★ ★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ★
	07			32 28 24 20 18 16 14		UN 60° MB-07TH320UN-10R/L MB-07TH280UN-10R/L MB-07TH240UN-10R/L MB-07TH200UN-10R/L MB-07TH180UN-10R/L MB-07TH160UN-10R/L MB-07TH140UN-10R/L	0.42 0.49 0.57 0.68 0.76 0.86 0.98	.016 .019 .022 .027 .030 .034 .039	10 10 10 10 10 10 10	.394 .394 .394 .394 .394 .394 .394	5.8 5.8 5.8 5.8 5.8 5.8 5.8	.228 .228 .228 .228 .228 .228 .228	3.4 3.4 3.3 3.2 3.2 3.1 3.2	.134 .134 .130 .126 .126 .122 .126	3.9 3.9 3.9 3.9 3.9 3.9 3.9	.154 .154 .154 .154 .154 .154 .154	0.1 0.11 0.13 0.15 0.17 0.19 0.22	.004 .004 .005 .006 .007 .008 .009	★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★
	07			19 14 11		Whitworth 55° MB-07TH190WH-10R/L MB-07TH140WH-10R/L MB-07TH110WH-10R/L	0.85 1.16 1.48	.034 .046 .058	10 10 10	.394 .394 .394	5.8 5.8 5.8	.228 .228 .228	2.8 2.6 2.3	.110 .102 .091	3.8 3.8 3.8	.150 .150 .150			★ ★ ★	★ ★ ★	★ ★ ★	★ ★ ★
	07			18 14		NPT 60° MB-07TH180NT-10R/L MB-07TH140NT-10R/L	1.19 1.48	.047 .058	10 10	.394 .394	5.8 5.8	.228 .228	2.9 2.7	.114 .106	3.8 3.8	.150 .150	0.05 0.07	.002 .003	★ ★	★ ★	★ ★	★ ★
																			P25	M25	N25	S25

¹⁾ To correspond to insert size on holder

R = Right hand, L = Left hand

★ = First choice

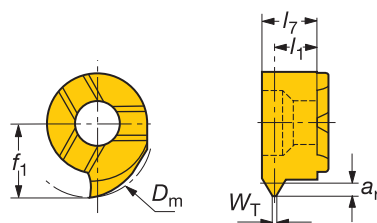
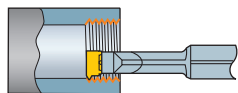


CoroCut® MB inserts

Threading

For hardened materials

Metric 60°



Tolerances, mm (inch):

l_1 : ± 0.02 ($\pm .0008$)

Centre height:

$+0.05/-0$ ($+ .002/-0$)

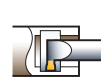
Right hand style shown

	Insert size ¹⁾	Pitch	Ordering code	Dimensions, millimeter, inch (mm, in.)												H
	$d_{m_{mm}}$	mm		a_r max mm	a_r max in.	D_m min mm	D_m min in.	f_1 mm	f_1 in.	l_1 mm	l_1 in.	l_7 mm	l_7 in.	W_T mm	W_T in.	
			Metric 60°													CB
	07	1.0	MB-07TH100MM-10R	0.54	.021	10	.394	5.8	.228	3.2	.126	3.8	.150	0.12	.005	★
		1.5	MB-07TH150MM-10R	0.81	.032	10	.394	5.8	.228	3	.118	3.8	.150	0.18	.007	★
																H15

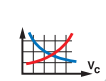
¹⁾ To correspond with insert size on holder.

R = Right hand, L = Left hand

★ = First choice



B106



B137



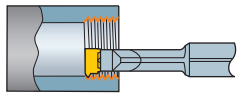
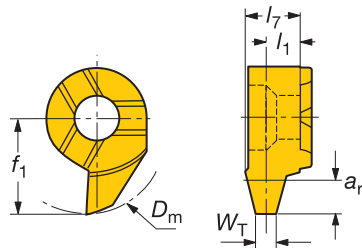
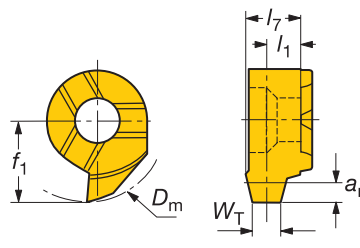
B146



B2

CoroCut® MB inserts

Threading

ACME 29°
Non-toppingSTUB-ACME 29°
Non-topping

Tolerances, mm (inch):

 $l_1 = \pm 0.02 (\pm .008)$

Centre height:

 $+0.05/-0 (+.002/-0)$

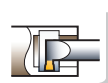
Right hand style shown

	Insert size ¹⁾	Pitch, TPI	Ordering code	Dimensions, millimeter, inch (mm, in.)												P M N S			
				a_r max mm	a_r max in.	D_m min mm	D_m min in.	f_1 mm	f_1 in.	l_1 mm	l_1 in.	l_7 mm	l_7 in.	W_T mm	W_T in.	GC	GC	GC	GC
	dm_m	TPI														1025	1025	1025	1025
	07	16	MB-07TH160AC-11R	0.93	.037	11	.433	6.8	.268	3.3	.130	3.9	.154	0.52	.020	★	★	★	★
		14	MB-07TH140AC-11R	1.05	.041	11	.433	6.8	.268	3.2	.126	3.9	.154	0.6	.024	★	★	★	★
		12	MB-07TH120AC-11R	1.2	.047	11	.433	6.8	.268	3.1	.122	3.9	.154	0.71	.028	★	★	★	★
		10	MB-07TH100AC-11R	1.54	.061	11	.433	6.8	.268	3	.118	3.9	.154	0.8	.032	★	★	★	★
		8	MB-07TH080AC-11R	1.87	.074	11	.433	6.8	.268	2.8	.110	3.9	.154	1.03	.041	★	★	★	★
	07	16	MB-07TH160SA-10R	0.63	.025	10	.394	5.8	.228	3.35	.132	3.9	.154	0.59	.023	★	★	★	★
		14	MB-07TH140SA-10R	0.69	.027	10	.394	5.8	.228	3.25	.128	3.9	.154	0.69	.027	★	★	★	★
		12	MB-07TH120SA-10R	0.78	.031	10	.394	5.8	.228	3.2	.126	3.9	.154	0.82	.032	★	★	★	★
		10	MB-07TH100SA-10R	1.04	.041	10	.394	5.8	.228	3.05	.120	3.9	.154	0.93	.037	★	★	★	★
		8	MB-07TH080SA-10R	1.24	.049	10	.394	5.8	.228	2.45	.096	3.72	.146	1.19	.047	★	★	★	★
																P25	M25	N25	S25

¹⁾ To correspond to insert size on holder

R = Right hand, L = Left hand

★ = First choice



B106



B137



B146



B2