

FREE CUTTER BODY



RECEIVE A FREE CUTTER BODY WITH THE PURCHASE OF 40 INSERTS



AHB

TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS

(800) 991-4225
ISO Certified

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FCM INSERTS

PROMO CODE: PROMO-FCUT

Cutter Dia.		Insert Model	ap	Nose Radius	P		M	K	N
in	mm				ACP200	ACP300	ACM300F	ACZ310	DS20
					Prehardened Steel	General Steel	Stainless Steel	Cast Iron	Aluminum
.500-.625	12-17	ARG160902	.354	.008	—	○	○	○	○
		ARG160904		.016	○	○	○	○	○
.750	20-21	ARG200902	.354	.008	—	○	○	○	○
		ARG200904		.016	○	○	○	○	○
1.000	25-26	ARG250902	.354	.008	—	○	○	○	○
		ARG250904		.016	○	○	○	○	○
1.250	32-33	ARG321102	.433	.008	—	○	○	○	○
		ARG321104		.016	○	○	○	○	○
1.500-2.000	40-50	ARG401102	.433	.008	—	○	○	○	○
		ARG401104		.016	○	○	○	○	○



FCR INSERTS

Cutter Dia.		Insert Model	Effective Cutting Length (ap)	Nose Radius	P	M	K	N
in	mm				ACP300	ACM300F	ACZ310	DS20
					General Steel	Stainless Steel	Cast Iron	Aluminum
.625	16-17	BRG160808	.315	.031	○	○	○	○
.750	20-21	BRG200808			○	○	○	○
1.000	25-26	BRG250808			○	○	○	○
1.250	32-33	BRG321008	.394	.031	○	○	○	○
		BRG321032		.125	—	—	—	○

- Must purchase 40 of the same insert to receive the free cutter body
- Free cutter body includes all standard FULLCUT catalog items
- Inserts are available in packages of 10 pcs.
- SE (sharp edge) type prevents burrs; recommended for stainless steel & mild steel

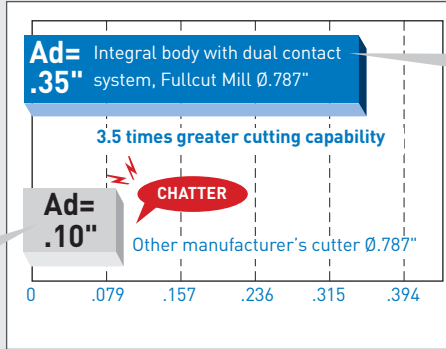
FREE CUTTER BODY TYPES



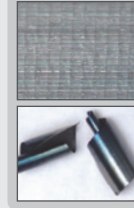
FCM TYPES



Square Shoulder & Slot Milling Cutter
Low-resistance, high-efficiency cutter especially for cross-feed machining. For grooving & shoulder milling.



Excellent surface finish even under difficult cutting conditions.



CATALOG



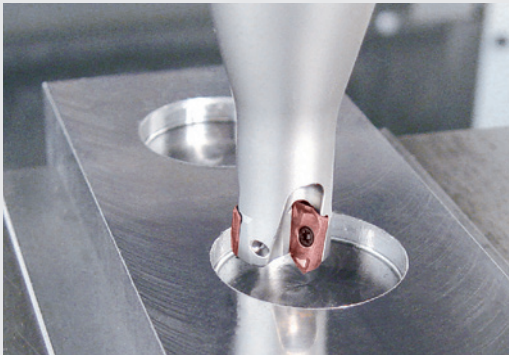
FCR TYPES



Ramping & Helical Milling Cutter

Unique inserts designed for ramping make multi-functional cutting possible. For ramping, helical milling, peck-milling, grooving & shoulder milling.

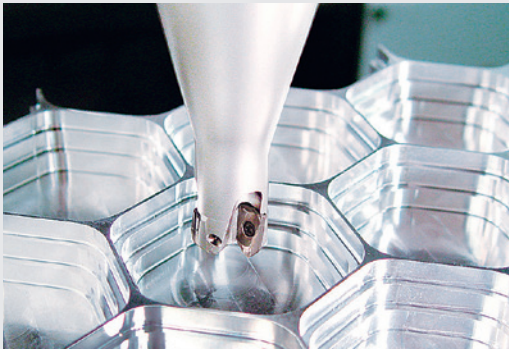
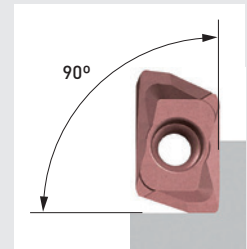
CATALOG



Bore ϕ 1.500 with helical milling

In 1050 carbon steel, very smooth cutting with a feed rate of 43 IPM and excellent squareness is achieved.

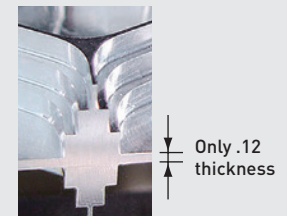
Fullcut Mill Model	BBT40-FCR20083-120
Insert	BRG200808 (ACZ350S)
Work Material	1050 Carbon Steel / Air blow
Cutting Speed	492 SFM
Feed Rate	43 IPM
Axial DOC	.079 x 3 times
Hole Dia.	ϕ 1.500



Honeycombed pocket with ramping

Low rigidity workpiece, .12 thickness clamped by a vise. Feed rate of 169 IPM on both sides of the workpiece is achieved.

Fullcut Mill Model	BBT40-FCR20083-85
Insert	BRG200808 (DS20)
Work Material	Aluminum / Air blow
Cutting Speed	2,461 SFM
Feed Rate	169 IPM
Axial DOC	.236 x 3 times
Radial DOC	Max .787



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