

NPA

New Product Announcement

MILLING

52-2024

OCTOBER 2024

METRIC/IMPERIAL



For Machining
Aluminum and
Copper Alloys



Cost Effective
Inserts



No Setup Time



MULTI-MASTER NEOBARREL
INDEXABLE SOLID CARBIDE LINE PROFILE MILLING

**Revolutionary MULTI-MASTER
Solid Carbide Heads Designed
Specifically for 5-Axis Profile
Milling of Aluminum**



For Machining
Aluminum and
Copper Alloys



Cost Effective
Inserts



No Setup Time

NPA

New Product Announcement

MULTI-MASTER NEOBARREL
INDEXABLE SOLID CARBIDE LINE PROFILE MILLING

Highlights

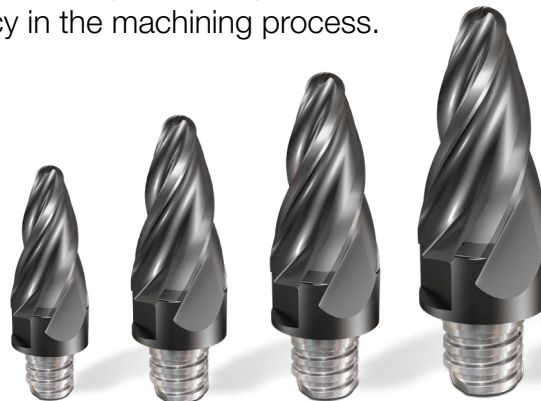
New Barrel-Shape Heads Specifically Designed for Machining Aluminum in 5-Axis Milling Applications C6 Shanks

ISCAR is proud to announce the expansion of the MULTI-MASTER product line with the introduction of new barrel-shape heads specifically designed for machining aluminum in 5-axis milling applications. Building on the success of the MULTI-MASTER barrel-shape four flute exchangeable carbide heads for contoured surface machining, which have received high praise from customers, these new heads further extend the application range of our MULTI-MASTER products.

Head Features

- 4 flutes.
- Higher productivity to reduce process time.
- Nominal diameter range 8-16 mm.
- Suitable for machining aluminum and copper alloys, (ISO N group of application).
- Head designation: MM EOBA-...4...
- Sharp uncoated heads.
- IC08 Carbide grade.

The newly introduced heads are primarily targeted for semi-finishing and finishing applications in industries such as Aerospace, Medical, and Die & Mold. With these new heads, the MULTI-MASTER products are now enhanced in their profile milling capabilities, particularly when dealing with intricate curve-based surfaces. This advancement opens new possibilities for achieving superior precision and efficiency in the machining process.



Range: Ø8 mm → Ø16 mm

NPA

New Product Announcement

MILLING

52-2024

OCTOBER 2024

METRIC/IMPERIAL

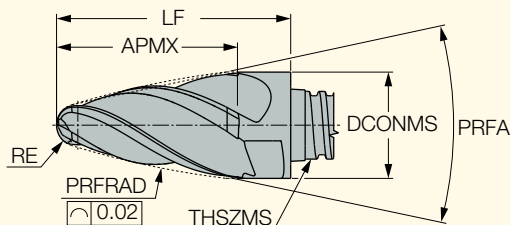
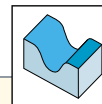
MULTI-MASTER NEOBARREL

INDEXABLE SOLID CARBIDE LINE PROFILE MILLING

MM EOBA

Interchangeable Oval-Shaped (Barrel) Solid Carbide Heads for 3D Aluminum Profiling

<https://www.iscar.com/eCatalog/Family.aspx?fnm=4842&mapp=ML&GFSTYP=M&srch=1>



M E T R I C

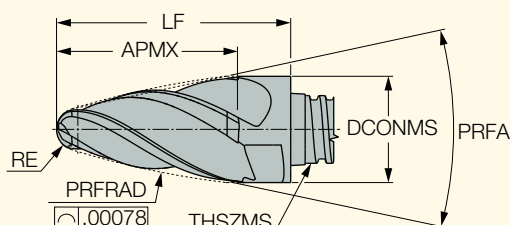
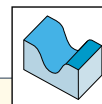
Designation	Dimensions								IC08
	PRFRAD	RE	APMX	PRFA	THSZMS	NOF ⁽¹⁾	DCONMS	LF	
MM EOBA08R1.5R80A13-4T05	80.00	1.50	14.20	24.00	T05	4	8.00	18.00	•
MM EOBA10R2.0R85A16-4T06	85.00	2.00	16.50	24.00	T06	4	10.00	22.00	•
MM EOBA12R2.0R75A21-4T08	75.00	2.00	21.30	24.00	T08	4	12.00	27.00	•
MM EOBA16R3.0R75A26-4T10	75.00	3.00	27.00	24.00	T10	4	16.00	33.50	•

⁽¹⁾ Number of flutes

MM EOBA

Interchangeable Oval-Shaped (Barrel) Solid Carbide Heads for 3D Aluminum Profiling

<https://www.iscar.com/eCatalog/Family.aspx?fnm=4843&mapp=ML&GFSTYP=I&srch=1>



I N C H

Designation	Dimensions								IC08
	PRFRAD	RE	APMX	PRFA	THSZMS	NOF ⁽¹⁾	DCONMS	LF	
MM EOBA312R06R315A50-4T05	3.1500	.0600	.5310	24.00	T05	4	.312	.709	•
MM EOBA375R31R295A62-4T06	2.9500	.1230	.6000	16.00	T06	4	.375	.866	•
MM EOBA500R157R75A82-4T08	7.5000	.1570	.8270	16.00	T08	4	.500	1.063	•

⁽¹⁾ Number of flutes