

TEDI BRAZED™

MILLING PRODUCTS

Series:
ST (Center Cutting)
SP (Non-center Cutting)
SE (Helical)

Diameters:
Metric: 4 mm - 25 mm
Inch: .375" - 1.000"



Member IMC Group ®

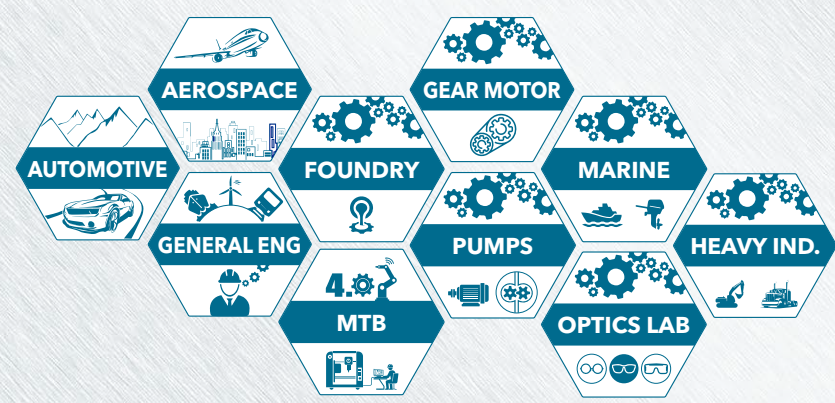
Brazed PCD End Mills on Carbide Bodies In Stock for Immediate Delivery!

Features & Benefits:

- Standard Inch and Metric Sizes in Stock
- Center Cutting, 2 Flute
- Non-Center Cutting, 3 Flute
- Positive Helix, 3 flute - For Large Depths of Cut
- Modified Standards delivered in 2 - 3 Weeks



TEDIBRAZED™ INTRODUCTION



IT.TE.DI's range of products covers all applications of metal removal. As part of our values, our KNOW HOW is applied to the most important macro-areas concerning precision machining. To our satisfaction, we PARTNERSHIP with the largest manufacturers, who are keen to test our technology to achieve new goals every day.

Responding to any need by adapting production activities on a global scale is, to date, the greatest challenge that every company must face: transforming this criticality into a strength is the aim of IT.TE.DI.

Our mission is to work in partnership with our customers to provide solutions that transform ideas into successful products. The quality of a personalized service is one of the distinctive factors that make the difference today. Only through a relationship of trust built on knowledge and experience will it be possible to ensure the achievement of objectives. Quality is not optional: professionalism and experience are key values for our customers' satisfaction.



MILLING

In modern production, the accuracy of milling plays a crucial role in achieving qualitative and quantitative targets. The use of our cutters allows us to optimize results in terms of cycle times and surface quality, from mirror surfaces to surfaces with controlled roughness.



TEDIBRAZED™ DESIGNATION SYSTEM OF CUTTER BODIES

| TYPE OF MILL | | # OF CUTTING EDGES | PCD LENGHT | | DIMENSION |
|--------------|---------------------|--------------------|------------|-------|-----------|
| ST | CUT OVER THE CENTER | 1 | 10 | 10 mm | 01 |
| SP | PLUNGE MILLING | 2 | 20 | 20 mm | 02 |
| SE | HELICAL FLUTE | 3 | 30 | 30 mm | 04 |
| | | | | | ... |

EB ST D06 Z 02 C M06 L 10 C 01

| PRODUCT LINE | |
|--------------|---------------|
| EB | STANDARD MILL |

| CUTTING Ø | |
|-----------|-------------|
| mm | D04 04 mm |
| | D05 05 mm |
| | D06 06 mm |
| | D08 08 mm |
| | D.. .. mm |
| inch | I18 0.1875" |
| | I25 0.2500" |
| | I31 0.3125" |
| | I37 0.3750" |
| | I.. .." |

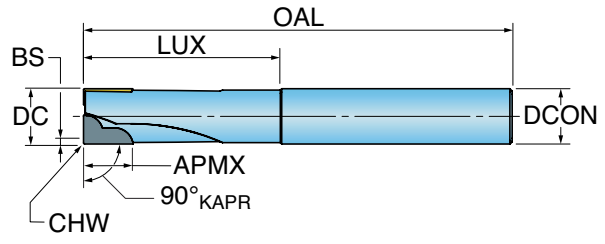
| SHANK Ø | |
|---------|-------|
| M05 | 05 mm |
| M06 | 06 mm |
| M08 | 08 mm |
| M10 | 10 mm |
| M12 | 12 mm |
| M14 | 14 mm |
| M16 | 16 mm |
| M20 | 20 mm |
| M25 | 25 mm |

| LEAD | |
|------|-------------|
| C | CHAMFER 45° |
| R | RADIUS |



TEDIBRAZED™ ENDMILL SERIES ST

CENTER CUTTING, HIGH VERSATILITY

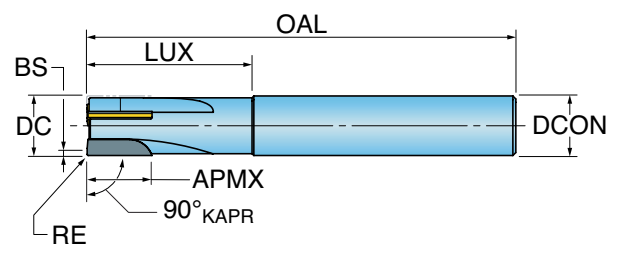
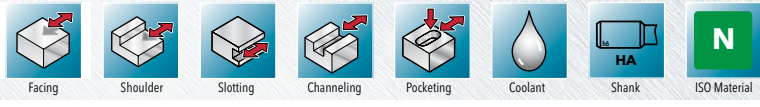


| | Part Number | DC Cutting Diameter | BCH Corner Chamfer Length | BS Wiper Length | APMX Depth of Cut Max. | LUX Usable Length Max. | OAL Overall Length | ZEFF Eff. Teeth | DCON Shank Diameter | Item |
|--------|----------------------|---------------------|---------------------------|-----------------|------------------------|------------------------|--------------------|-----------------|---------------------|---------|
| METRIC | EBSTD04Z01CM05L10C01 | 4.000 | 0.100 | 2.000 | 10.000 | 35.20 | 67.00 | 1 | 5.00 mm | 2736422 |
| | EBSTD05Z01CM05L10C01 | 5.000 | 0.100 | 2.500 | 10.000 | 35.70 | 67.00 | 1 | 5.00 mm | 2736423 |
| | EBSTD06Z02CM06L10C01 | 6.000 | 0.100 | 3.000 | 10.000 | 26.50 | 67.00 | 2 | 6.00 mm | 2902934 |
| | EBSTD06Z02CM06L20C01 | 6.000 | 0.100 | 3.000 | 20.000 | 26.50 | 67.00 | 2 | 6.00 mm | 2709203 |
| | EBSTD08Z02CM08L10C01 | 8.000 | 0.100 | 4.000 | 10.000 | 32.50 | 73.00 | 2 | 8.00 mm | 2709204 |
| | EBSTD08Z02CM08L20C01 | 8.000 | 0.100 | 4.000 | 20.000 | 32.50 | 73.00 | 2 | 8.00 mm | 2709205 |
| | EBSTD10Z02CM10L10C02 | 10.000 | 0.200 | 5.000 | 10.000 | 37.70 | 82.00 | 2 | 10.00 mm | 2709207 |
| | EBSTD10Z02CM10L20C02 | 10.000 | 0.200 | 5.000 | 20.000 | 37.70 | 82.00 | 2 | 10.00 mm | 2709206 |
| | EBSTD12Z02CM12L10C02 | 12.000 | 0.200 | 6.000 | 10.000 | 42.70 | 93.00 | 2 | 12.00 mm | 2709208 |
| | EBSTD12Z02CM12L20C02 | 12.000 | 0.200 | 6.000 | 20.000 | 42.70 | 93.00 | 2 | 12.00 mm | 2709209 |
| INCH | EBSTI15Z01CM05L10C01 | 0.156 | 0.004 | 0.079 | 0.394 | 1.39 | 2.64 | 1 | 5.00 mm | 2755616 |
| | EBSTI18Z01CM05L10C01 | 0.188 | 0.004 | 0.093 | 0.394 | 1.40 | 2.64 | 1 | 5.00 mm | 2754524 |
| | EBSTI25Z01CM06L10C01 | 0.250 | 0.004 | 0.125 | 0.394 | 1.06 | 2.64 | 1 | 6.00 mm | 2754525 |
| | EBSTI25Z02CM06L20C01 | 0.250 | 0.004 | 0.125 | 0.787 | 1.06 | 2.64 | 2 | 6.00 mm | 2755622 |
| | EBSTI31Z02CM08L10C01 | 0.313 | 0.004 | 0.156 | 0.394 | 1.12 | 3.23 | 2 | 8.00 mm | 2754526 |
| | EBSTI31Z02CM08L20C01 | 0.313 | 0.004 | 0.156 | 0.787 | 1.12 | 3.23 | 2 | 8.00 mm | 2755623 |
| | EBSTI37Z02CM10L10C01 | 0.375 | 0.008 | 0.187 | 0.394 | 1.48 | 3.23 | 2 | 10.00 mm | 2754527 |
| | EBST37Z02CM10L20C02 | 0.375 | 0.008 | 0.187 | 0.787 | 1.48 | 3.23 | 2 | 10.00 mm | 2755624 |
| | EBSTI50Z02CM12L10C01 | 0.500 | 0.008 | 0.250 | 0.394 | 1.69 | 3.66 | 2 | 12.00 mm | 2754528 |
| | EBSTI50Z02CM12L20C02 | 0.500 | 0.008 | 0.250 | 0.787 | 1.69 | 3.66 | 2 | 12.00 mm | 2755625 |



TEDIBRAZED™ ENDMILL SERIES SP

NON-CENTER CUTTING, POSITIVE ANGLE

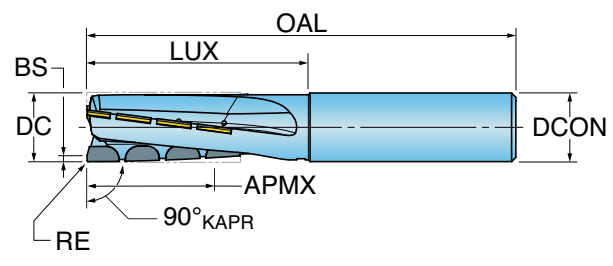
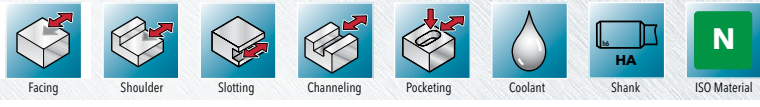


| | Part Number | DC Cutting Diameter | RE Corner Radius | BS Wiper Length | APMX Depth of Cut Max. | LUX Usable Length Max. | OAL Overall Length | ZEFF Eff. Teeth | DCON Shank Diameter | Item |
|--------|----------------------|---------------------|------------------|-----------------|------------------------|------------------------|--------------------|-----------------|---------------------|---------|
| METRIC | EBSPD10Z03CM10L10R02 | 10.000 | 0.200 | 1.200 | 10.000 | 27.70 | 72.00 | 3 | 10.00 mm | 4467308 |
| | EBSPD12Z03CM12L10R02 | 12.000 | 0.200 | 1.200 | 10.000 | 32.70 | 83.00 | 3 | 12.00 mm | 2711085 |
| | EBSPD14Z03CM14L10R02 | 14.000 | 0.200 | 1.200 | 10.000 | 36.70 | 87.00 | 3 | 14.00 mm | 2736425 |
| | EBSPD16Z03CM16L10R02 | 16.000 | 0.200 | 1.200 | 10.000 | 38.70 | 92.00 | 3 | 16.00 mm | 2709249 |
| | EBSPD20Z03CM20L10R02 | 20.000 | 0.200 | 1.200 | 10.000 | 48.50 | 104.00 | 3 | 20.00 mm | 3151350 |
| INCH | EBSPI37Z03CM10L10R02 | 0.375 | 0.008 | 0.047 | .375 | 1.08 | 2.84 | 3 | 10.00 mm | 2754517 |
| | EBSPI50Z03CM12L10R02 | 0.500 | 0.008 | 0.047 | .375 | 1.23 | 3.27 | 3 | 12.00 mm | 2754518 |
| | EBSPI62Z03CM16L10R02 | 0.625 | 0.008 | 0.047 | .375 | 1.52 | 3.62 | 3 | 16.00 mm | 2754519 |
| | EBSPI75Z03CM20L10R02 | 0.750 | 0.008 | 0.047 | .375 | 1.89 | 3.98 | 3 | 20.00 mm | 2754520 |



TEDIBRAZED™ ENDMILL SERIES SE

HELICAL CUTTING EDGES, LARGE DEPTH OF CUT



| | Part Number | DC Cutting Diameter | RE Corner Radius | BS Wiper Length | LUX Usable Length Max. | OAL Overall Length | ZEFF Eff. Teeth | ZFP Eff. Teeth Periphery | ZNF Face Insert Count | ZNP Peripheral Insert Count | NOF Flute Count | DCON Shank Diameter | Item |
|--------|----------------------|---------------------------|------------------------|-----------------------|------------------------------|--------------------------|-----------------------|--------------------------------|-----------------------------|--------------------------------------|-----------------------|---------------------------|---------|
| METRIC | EBSED16Z03CM16L30R02 | 16.000 | 0.200 | 1.500 | 51.60 | 100.00 | 3 | 3 | 3 | 3 | 3 | 16.00 mm | 2709255 |
| | EBSED20Z03CM20L30R02 | 20.000 | 0.200 | 1.500 | 49.50 | 100.00 | 3 | 3 | 3 | 3 | 3 | 20.00 mm | 2709256 |
| | EBSED25Z03CM25L30R02 | 25.000 | 0.200 | 2.000 | 44.50 | 100.00 | 3 | 3 | 3 | 3 | 3 | 25.00 mm | 2702942 |
| INCH | EBSEI62Z03CM16L30R02 | 0.625 | 0.008 | 0.060 | 2.01 | 3.94 | 3 | 3 | 3 | 3 | 3 | 16.00 mm | 2754521 |
| | EBSEI75Z03CM20L30R02 | 0.750 | 0.008 | 0.060 | 1.93 | 3.94 | 3 | 3 | 3 | 3 | 3 | 20.00 mm | 2754522 |
| | EBSEI10Z03CM25L30R02 | 1.000 | 0.008 | 0.079 | 1.75 | 3.94 | 3 | 3 | 3 | 3 | 3 | 25.00 mm | 2754523 |