

THE NEW VALUE FRONTIER



# OFMT

## Octagonal Milling Inserts

Available in PVD coated carbide grades for Steel, Stainless Steel, and Cast Iron

- PR830 - Milling of General Steel
- PR905 - Milling of Cast Iron
- PR1025 - Milling of Stainless Steel

**8 Cutting  
Edges!**



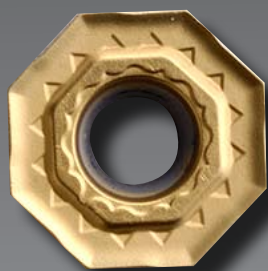
ADVANCING PRODUCTIVITY

THE NEW VALUE FRONTIER

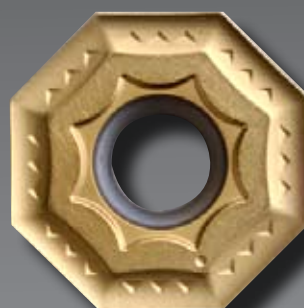


# OFMT

## Octagonal Milling Inserts



OFMT05



OFMT07

| Shape<br>Right-hand shown | Description      | Dimension (mm) |       |          |       |       | Angle(°) |         |          | Insert Grade |        |       |
|---------------------------|------------------|----------------|-------|----------|-------|-------|----------|---------|----------|--------------|--------|-------|
|                           |                  | PVD Coated     |       |          |       |       |          |         |          |              |        |       |
|                           |                  | A              | T     | $\phi d$ | X     | Z     | $\alpha$ | $\beta$ | $\gamma$ | PR830        | PR1025 | PR905 |
|                           | OFMT 050405ER-SH | 0.530          | 0.187 | 0.173    | R0.02 | 0.067 | 22°      | 45°     | •        | •            | •      |       |
|                           | 070405EN-SH      | 0.708          | 0.192 | 0.228    |       | -     | 26°      |         | •        | •            | •      |       |

### Recommended cutting conditions

| Workpiece material | Feed Rate (in/tooth) | Recommended Grade (SFM) |           |           |
|--------------------|----------------------|-------------------------|-----------|-----------|
|                    |                      | PVD Coated              |           |           |
|                    |                      | PR830                   | PR925     | PR905     |
| Stainless steel    | ~0.010               | 400 - 675               | 400 - 675 |           |
| Carbon steel       | ~0.012               | 400 - 675               | 350 - 600 |           |
| Alloy steel        | ~0.012               | 350 - 600               |           |           |
| Cast iron          | ~0.012               |                         |           | 350 - 675 |



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