



## The 77 Family

### Modular

16mm – 40mm



### Weldon

25mm



### Cylindrical

16mm – 32mm



### Shell

40mm – 160mm



## Three Families of Cutters are Featured:

- **7700VR08** small diameter standard button cutters (Cylindrical, Weldon and Modular: 16mm to 32mm)
- **7710VRD20** Anti-Rotation Shell Mill cutters (63mm to 160mm)
- **7713VR10 and 12** Patented Anti-Rotation Cutters (Cylindrical, Modular and Shell: 20mm to 80mm)

This collection of cutters shows the dynamics of Kennametal technology—taking the conventional to the highest level to machine the toughest high performance alloys.

## Continuous Cutting Under the Toughest Conditions

- Cutter diameters from 16mm to 160mm
- Maximum number of teeth for heavy feed operations
- Medium and close pitch cutters available
- Round button insert for maximum strength
- 8mm to 20mm insert diameters
- Low cutting forces
- Flute design maximizes chip evacuation
- Satin Silver coating extends cutter body life (only 7713VR series)
- Modular tools feature an Anti-Vibration Tungsten Extension with Through Coolant