

- VHM - ULTRA grade of carbide for high performance
- Dual stepped core for optimal stability
- Ideal design for pocket milling in MQL & HSC
- Suitable for materials up to 48 HRC
- AlCrN for longer tool life



| Product Code | Description                            | Size mm | Shank Dia mm | Length of Cut | Overall Length |
|--------------|----------------------------------------|---------|--------------|---------------|----------------|
| CHMES06      | 6mm Reg AlCrN Carbide Endmill Harmony  | 6       | 6            | 13            | 57             |
| CHMES08      | 8mm Reg AlCrN Carbide Endmill Harmony  | 8       | 8            | 19            | 63             |
| CHMES10      | 10mm Reg AlCrN Carbide Endmill Harmony | 10      | 10           | 22            | 72             |
| CHMES12      | 12mm Reg AlCrN Carbide Endmill Harmony | 12      | 12           | 26            | 83             |
| CHMES14      | 14mm Reg AlCrN Carbide Endmill Harmony | 14      | 14           | 26            | 83             |
| CHMES16      | 16mm Reg AlCrN Carbide Endmill Harmony | 16      | 16           | 32            | 92             |
| CHMES20      | 20mm Reg AlCrN Carbide Endmill Harmony | 20      | 20           | 38            | 104            |

### Carbide Endmills - Regular

- For precision milling applications
- Suitable for materials up to 1600 N/mm<sup>2</sup>
- TiAlN for longer tool life



| Product Code | Description                        | Size mm | Shank Dia mm | Length of Cut | Overall Length |
|--------------|------------------------------------|---------|--------------|---------------|----------------|
| CTMES02      | 2mm Reg TiAlN Carbide Endmill Std  | 2       | 3            | 6             | 38             |
| CTMES03      | 3mm Reg TiAlN Carbide Endmill Std  | 3       | 3            | 12            | 38             |
| CTMES04      | 4mm Reg TiAlN Carbide Endmill Std  | 4       | 4            | 14            | 50             |
| CTMES05      | 5mm Reg TiAlN Carbide Endmill Std  | 5       | 6            | 16            | 50             |
| CTMES06      | 6mm Reg TiAlN Carbide Endmill Std  | 6       | 6            | 19            | 50             |
| CTMES08      | 8mm Reg TiAlN Carbide Endmill Std  | 8       | 8            | 20            | 63             |
| CTMES10      | 10mm Reg TiAlN Carbide Endmill Std | 10      | 10           | 22            | 75             |
| CTMES12      | 12mm Reg TiAlN Carbide Endmill Std | 12      | 12           | 15            | 75             |
| CTMES16      | 16mm Reg TiAlN Carbide Endmill Std | 16      | 16           | 32            | 89             |
| CTMES20      | 20mm Reg TiAlN Carbide Endmill Std | 20      | 20           | 38            | 100            |

### Carbide Endmills - Long

- For long-reach finish milling applications
- Suitable for materials up to 1300 N/mm<sup>2</sup>
- TiAlN for longer tool life



| Product Code | Description                         | Size mm | Shank Dia mm | Length of Cut | Overall Length |
|--------------|-------------------------------------|---------|--------------|---------------|----------------|
| CTMEL03      | 3mm Long TiAlN Carbide Endmill Std  | 3       | 3            | 19            | 60             |
| CTMEL04      | 4mm Long TiAlN Carbide Endmill Std  | 4       | 4            | 19            | 60             |
| CTMEL05      | 5mm Long TiAlN Carbide Endmill Std  | 5       | 5            | 19            | 60             |
| CTMEL06      | 6mm Long TiAlN Carbide Endmill Std  | 6       | 6            | 31            | 75             |
| CTMEL08      | 8mm Long TiAlN Carbide Endmill Std  | 8       | 8            | 31            | 75             |
| CTMEL10      | 10mm Long TiAlN Carbide Endmill Std | 10      | 10           | 31            | 75             |
| CTMEL12      | 12mm Long TiAlN Carbide Endmill Std | 12      | 12           | 50            | 100            |
| CTMEL16      | 16mm Long TiAlN Carbide Endmill Std | 16      | 16           | 57            | 125            |
| CTMEL20      | 20mm Long TiAlN Carbide Endmill Std | 20      | 20           | 57            | 125            |