



- 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	6.0 Reg AlCrN Carbide Endmill Harmony	6	6	13	57
CHMES08	8.0 Reg AlCrN Carbide Endmill Harmony	8	8	19	63
CHMES10	10.0 Reg AlCrN Carbide Endmill Harmony	10	10	22	72
CHMES12	12.0 Reg AlCrN Carbide Endmill Harmony	12	12	26	83
CHMES14	14.0 Reg AlCrN Carbide Endmill Harmony	14	14	26	83
CHMES16	16.0 Reg AlCrN Carbide Endmill Harmony	16	16	32	92
CHMES20	20.0 Reg AlCrN Carbide Endmill Harmony	20	20	38	104

Carbide Endmills - Regular

CUTTING TOOLS



- For precision finish milling applications
- Suitable for materials up to 1600 N/mm²
- TiAlN for longer tool life

Product Code	Description	Size mm	Shank Dia mm	Length of Cut	Overall Length
CTMES02	2.0 Reg TiAlN Carbide Endmill STD	2	3	6	38
CTMES03	3.0 Reg TiAlN Carbide Endmill STD	3	3	12	38
CTMES04	4.0 Reg TiAlN Carbide Endmill STD	4	4	14	50
CTMES05	5.0 Reg TiAlN Carbide Endmill STD	5	6	16	50
CTMES06	6.0 Reg TiAlN Carbide Endmill STD	6	6	19	50
CTMES08	8.0 Reg TiAlN Carbide Endmill STD	8	8	20	63
CTMES10	10.0 Reg TiAlN Carbide Endmill STD	10	10	22	75
CTMES12	12.0 Reg TiAlN Carbide Endmill STD	12	12	25	75
CTMES16	16.0 Reg TiAlN Carbide Endmill STD	16	16	32	89
CTMES20	20.0 Reg TiAlN Carbide Endmill STD	20	20	38	100

Carbide Endmills - Long

CUTTING TOOLS



- For long-reach finish milling applications
- Suitable for materials up to 1300 N/mm²
- TiAlN for longer tool life

Product Code	Description	Size mm	Shank Dia mm	Length of Cut	Overall Length
CTMEL03	3.0 Long TiAlN Carbide Endmill STD	3	3	19	60
CTMEL04	4.0 Long TiAlN Carbide Endmill STD	4	4	19	60
CTMEL05	5.0 Long TiAlN Carbide Endmill STD	5	5	19	60
CTMEL06	6.0 Long TiAlN Carbide Endmill STD	6	6	31	75
CTMEL08	8.0 Long TiAlN Carbide Endmill STD	8	8	31	75
CTMEL10	10.0 Long TiAlN Carbide Endmill STD	10	10	31	75
CTMEL12	12.0 Long TiAlN Carbide Endmill STD	12	12	50	100
CTMEL16	16.0 Long TiAlN Carbide Endmill STD	16	16	57	125
CTMEL20	20.0 Long TiAlN Carbide Endmill STD	20	20	57	125



- For profile & contour milling applications
- Suitable for materials up to 1600 N/mm²
- TiAlN for longer tool life

Product Code	Description	Size mm	Shank Dia mm	Length of Cut	Overall Length
CTBEM02	2.0 B/N Reg TiAlN Carbide Endmill STD	2	3	6	38
CTBEM03	3.0 B/N Reg TiAlN Carbide Endmill STD	3	3	12	38
CTBEM04	4.0 B/N Reg TiAlN Carbide Endmill STD	4	4	14	50
CTBEM05	5.0 B/N Reg TiAlN Carbide Endmill STD	5	6	16	50
CTBEM06	6.0 B/N Reg TiAlN Carbide Endmill STD	6	6	19	50
CTBEM08	8.0 B/N Reg TiAlN Carbide Endmill STD	8	8	20	63
CTBEM10	10.0 B/N Reg TiAlN Carbide Endmill STD	10	10	22	75
CTBEM12	12.0 B/N Reg TiAlN Carbide Endmill STD	12	12	25	75
CTBEM16	16.0 B/N Reg TiAlN Carbide Endmill STD	16	16	32	89
CTBEM20	20.0 B/N Reg TiAlN Carbide Endmill STD	20	20	38	100



- VHM - ULTRA grade of carbide for high performance
- For profile & contour milling in long reach applications
- Suitable for materials up to 1600 N/mm²
- AlCrN for longer tool life

Product Code	Description	Size mm	Shank Dia mm	Length of Cut	Overall Length
CTBEML03	3.0 B/N Long TiAlN Carbide Endmill STD	3	6	8	60
CTBEML04	4.0 B/N Long TiAlN Carbide Endmill STD	4	6	8	70
CTBEML05	5.0 B/N Long TiAlN Carbide Endmill STD	5	6	10	80
CTBEML06	6.0 B/N Long TiAlN Carbide Endmill STD	6	6	12	90
CTBEML08	8.0 B/N Long TiAlN Carbide Endmill STD	8	8	14	100
CTBEML10	10.0 B/N Long TiAlN Carbide Endmill STD	10	10	18	100
CTBEML12	12.0 B/N Long TiAlN Carbide Endmill STD	12	12	22	110
CTBEML16	16.0 B/N Long TiAlN Carbide Endmill STD	16	16	30	140
CTBEML20	20.0 B/N Long TiAlN Carbide Endmill STD	20	20	38	160



- For precision milling of slots & cavities
- Suitable for materials up to 1600 N/mm²
- TiAlN for longer tool life

Product Code	Description	Size mm	Shank Dia mm	Length of Cut	Overall Length
CTMSS03	3.0 Reg TiAlN Carbide Slot Drill STD	3	3	12	38
CTMSS04	4.0 Reg TiAlN Carbide Slot Drill STD	4	4	14	50
CTMSS05	5.0 Reg TiAlN Carbide Slot Drill STD	5	6	16	50
CTMSS06	6.0 Reg TiAlN Carbide Slot Drill STD	6	6	19	50
CTMSS08	8.0 Reg TiAlN Carbide Slot Drill STD	8	8	20	63
CTMSS10	10.0 Reg TiAlN Carbide Slot Drill STD	10	10	22	75
CTMSS12	12.0 Reg TiAlN Carbide Slot Drill STD	12	12	25	75
CTMSS16	16.0 Reg TiAlN Carbide Slot Drill STD	16	16	32	89
CTMSS20	20.0 Reg TiAlN Carbide Slot Drill STD	20	20	38	100



- For profile & contour milling applications
- Suitable for materials up to 1600 N/mm²
- TiAlN for longer tool life

Product Code	Description	Size mm	Shank Dia mm	Length of Cut	Overall Length
CTBSM02	2.0 B/N Reg TiAlN Carbide Slot Drill STD	2	3	6	38
CTBSM03	3.0 B/N Reg TiAlN Carbide Slot Drill STD	3	3	12	38
CTBSM04	4.0 B/N Reg TiAlN Carbide Slot Drill STD	4	4	14	50
CTBSM05	5.0 B/N Reg TiAlN Carbide Slot Drill STD	5	6	16	50
CTBSM06	6.0 B/N Reg TiAlN Carbide Slot Drill STD	6	6	19	50
CTBSM08	8.0 B/N Reg TiAlN Carbide Slot Drill STD	8	8	20	63
CTBSM10	10.0 B/N Reg TiAlN Carbide Slot Drill STD	10	10	22	75
CTBSM12	12.0 B/N Reg TiAlN Carbide Slot Drill STD	12	12	25	75
CTBSM16	16.0 B/N Reg TiAlN Carbide Slot Drill STD	16	16	32	89
CTBSM20	20.0 B/N Reg TiAlN Carbide Slot Drill STD	20	20	38	100

Carbide Endmill 3 Flute - Regular

CUTTING TOOLS



- For precision milling of slots & cavities
- Suitable for materials up to 1600 N/mm²
- For precision universal milling application
- TiAlN for longer tool life

Product Code	Description	Size mm	Shank Dia mm	Length of Cut	Overall Length
CTM3ER03	3.0 REG TiAlN Carbide 3 Flute Endmill	3	3	12	38
CTM3ER04	4.0 REG TiAlN Carbide 3 Flute Endmill	4	4	14	50
CTM3ER05	5.0 REG TiAlN Carbide 3 Flute Endmill	5	6	16	50
CTM3ER06	6.0 REG TiAlN Carbide 3 Flute Endmill	6	6	19	50
CTM3ER08	8.0 REG TiAlN Carbide 3 Flute Endmill	8	8	20	63
CTM3ER10	10.0 REG TiAlN Carbide 3 Flute Endmill	10	10	22	75
CTM3ER12	12.0 REG TiAlN Carbide 3 Flute Endmill	12	12	25	75