



**Carmex**  
*Precision Tools Ltd.*

*x-treme thread cutting™*

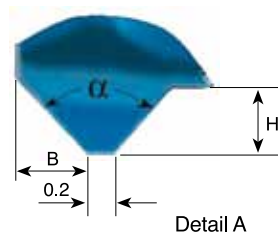


# Mini Chamfer & Groove Milling New Products

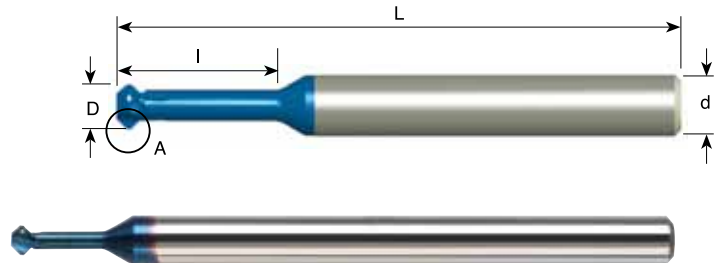


## Mini Chamfer

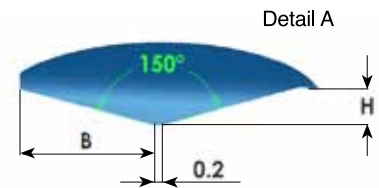
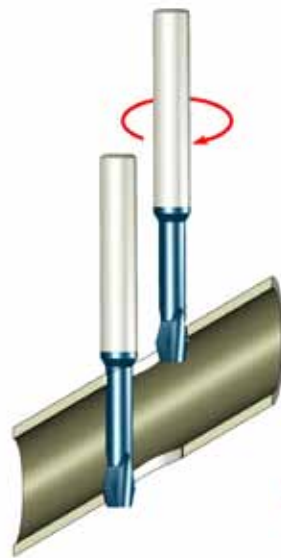
- Optimal for deburring, back chamfering and grooving
- Double side cutting
- Spiral flutes allows smooth cutting action
- General purpose for all materials



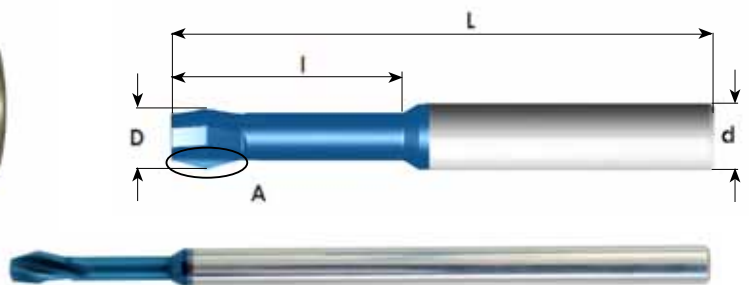
### Long Reach 45°



Ordering Code	d	D	I	H	B	$\alpha$	No. of Flutes	L
MC0404C16L A90	4	4.0	16.0	0.8	0.9	90°	3	105
MC0505C20L A90	5	5.0	20.0	1.1	1.2	90°	3	105
MC0606C24L A90	6	6.0	24.0	1.5	1.6	90°	3	105
MC0808D28L A90	8	8.0	28.0	1.6	1.7	90°	4	105



### 150°



Ordering Code	d	D	I	H	B	No. of Flutes	L
MC0303C12 A150	3	3.0	12.0	0.6	2.2	3	39
MC0404C16 A150	4	4.0	16.0	0.8	3.0	3	51
MC0404C16L A150	4	4.0	16.0	0.8	3.0	3	105
MC0505C20 A150	5	5.0	20.0	1.0	3.8	3	51
MC0505C20L A150	5	5.0	20.0	1.0	3.8	3	105
MC0606C24 A150	6	6.0	24.0	1.0	3.8	3	58
MC0606C24L A150	6	6.0	24.0	1.0	3.8	3	105
MC0808C28 A150	8	8.0	28.0	1.0	3.8	3	64
MC0808C28L A150	8	8.0	28.0	1.0	3.8	3	105

### Carbide grade MT8:

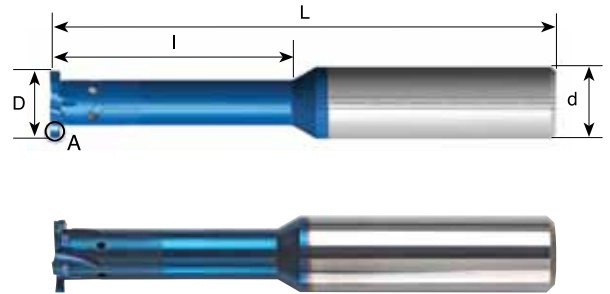
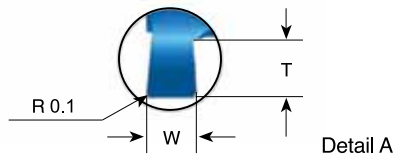
Sub Micron grade with advanced PVD triple coating (ISO K10-K20).

Extremely high heat resistant and smooth cutting operation, for high performance, and normal machining conditions. General purpose for all materials.

## Groove Milling

with internal coolant through the flutes

Same Tool for Internal and External Grooving



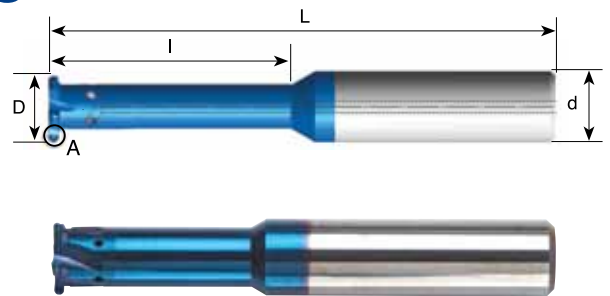
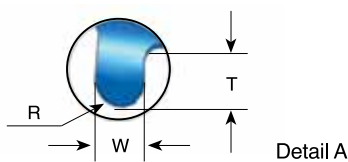
W ± 0.02	T Max.	Groove Dia. (min.)	Ordering Code	d	D	No. of Flutes	l	L
0.50	0.6	Ø > 4	*MG0604C4 W05	6	4.0	3	4.2	51
1.00			*MG0604C4 W10					
1.00	1.0	Ø > 6	*MG0606C7 W10	6	6.0	3	7.0	58
1.50			*MG0606C7 W15					
1.50	1.5	Ø > 7.8	MG08078D15 W15	8	7.8	4	15.0	64
2.00			MG08078D15 W20					
1.50	2.0	Ø > 9.8	MG10098D20 W15	10	9.8	4	20.0	73
2.00			MG10098D20 W20					
1.50	2.2	Ø > 12	MG1212E30 W15	12	12.0	5	30.0	84
2.00			MG1212E30 W20					
3.00			MG1212E30 W30					

\* Tools without coolant

## Full Radius Groove Milling

with internal coolant through the flutes

Same Tool for Internal and External Grooving



R	W ± 0.02	T Max.	Groove Dia. (min.)	Ordering Code	d	D	No. of Flutes	l	L
0.5	1.00	0.6	Ø > 4	*MG0604C4 R05	6	4.0	3	4.2	51
0.75	1.50	1.0	Ø > 6	*MG0606C7 R075		6.0		7.0	58
0.75	1.50	2.0	Ø > 10	MG1010D20 R075	10	10.0	4	20.0	73
1.00	2.00			MG1010D20 R10					

\* Tools without coolant

### Carbide grade MT8:

Sub Micron grade with advanced PVD triple coating (ISO K10-K20).

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