

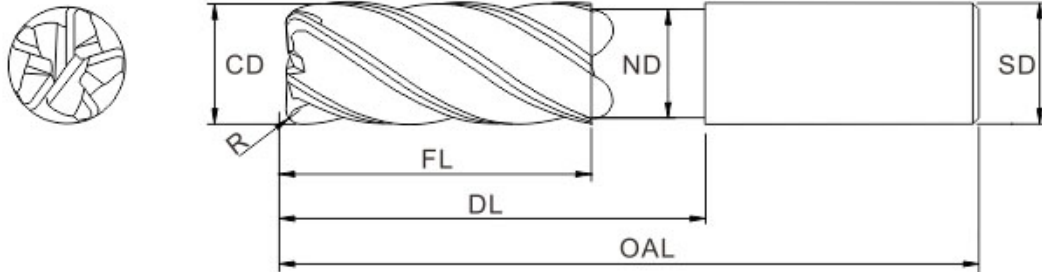
VHA-LINE



CARBIDE, 5 FLUTE CORNER RADIUS with EFFECTIVE NECK

- Designed to machine high hardened materials.
- Suitable for dry & wet cutting high speed machine.
- Excellent workpiece finishing.
- Normal slotting is possible by reduced neck.
- Corner radius to preventing the chipping in high speed machining.
- Strong wear-resistance. With NaCo-Blue coating technology.

Helix angle	38° N
Coating	NaCo-Blue
Corner Radius	Ø1~Ø6 ±0.010
Tolerance	Ø6~Ø8 ±0.015



5 Flute Corner Radius End Mills MFCR55515 SERIES STANDARD LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
MFCR55515	050555	0,5	5	8	6	50	12	4.85	
	060555	0,5	6	8	6	50	12	5.85	
	061555	1,0	6	8	6	50	12	5.85	
	080555	0,5	8	10	8	63	15	7.80	
	081055	1,0	8	10	8	63	15	7.80	
	100555	0,5	10	12	10	75	20	9.80	
	101055	1,0	10	12	10	75	20	9.80	
	120555	0,5	12	15	12	75	20	11.80	
	121055	1,0	12	15	12	75	20	11.80	

5 Flute Corner Radius End Mills MFCRL49500 SERIES LONG SHANK LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
MFCRL49500	0505551	0,5	5	8	6	75	25	4.85	
	0605551	0,5	6	8	6	100	25	5.85	
	0610551	1,0	6	8	6	100	30	5.85	
	0805551	0,5	8	10	8	100	30	7.80	
	0810551	1,0	8	10	8	100	30	7.80	
	1005551	0,5	10	12	10	100	30	9.80	
	1010551	1,0	10	12	10	100	30	9.80	
	1205551	0,5	12	15	12	100	30	11.80	
	1210551	1,0	12	15	12	100	30	11.80	

All above characteristics of NaCo-Blue coating technology available, the color layers might not be uniform moreover, However, it doesn't affect tool performance.

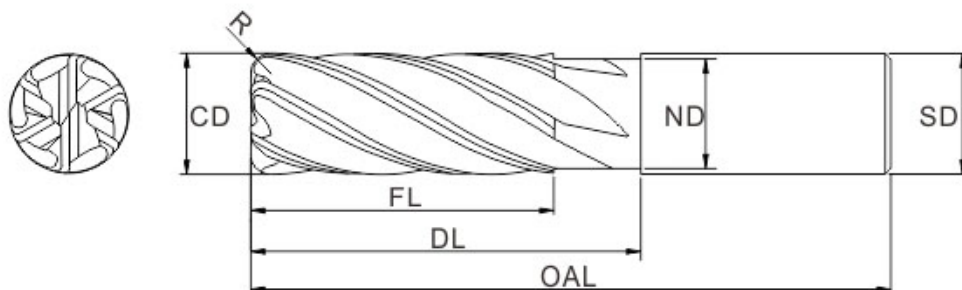
⊙ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels HRC 40~45 HRC 45~55	High Hardened Steels HRC 55~70	Copper	Graphite	Cast Iron	Aluminum
		○	○	○	⊙			

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Coating	NaCo-Blue
Corner Radius	Ø1~Ø6 ±0.010
Tolerance	Ø6~Ø8 ±0.015



6 Flute Corner Radius End Mills MFCR66617 SERIES

STANDARD LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
MFCR66617	0805666	0,5	8	10	8	60	15	7.80	
	0810666	1,0	8	10	8	60	15	7.80	
	1005666	0,5	10	12	10	75	20	9.80	
	1010666	1,0	10	12	10	75	20	9.80	
	1205666	0,5	12	15	12	75	20	11.80	
	1210666	1,0	12	15	12	75	20	11.80	

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6 Flute Corner Radius End Mills MFCRL4903 SERIES

LONG SHANK LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
MFCRL4903	08026661	0,5	8	10	8	100	30	7.80	
	08106661	1,0	8	10	8	100	30	7.80	
	10056661	0,5	10	12	10	100	30	9.80	
	10106661	1,0	10	12	10	100	30	9.80	
	12056661	0,5	12	15	12	100	30	11.80	
	12106661	1,0	12	15	12	100	30	11.80	

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⊙ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels HRC 40~45 HRC 45~55	High Hardened Steels HRC 55~70	Copper	Graphite	Cast Iron	Aluminum
		○	○	⊙	⊙			