

HRC 46~50 CARBIDE END MILLS, SQUARE END WITH RADIUS



- Carbide Solid Carbide 4 Flute, Double Core End Mills
Excellent tools for Aerospace, Energy and Power Generation.
- Roughing, semi-finishing, and finishing on difficult to machine materials, Stainless Steels and Carbon Steels.
- HRC50 Metal working tools, excellent wear resistance and excellent edge stability.

EMT SERIES

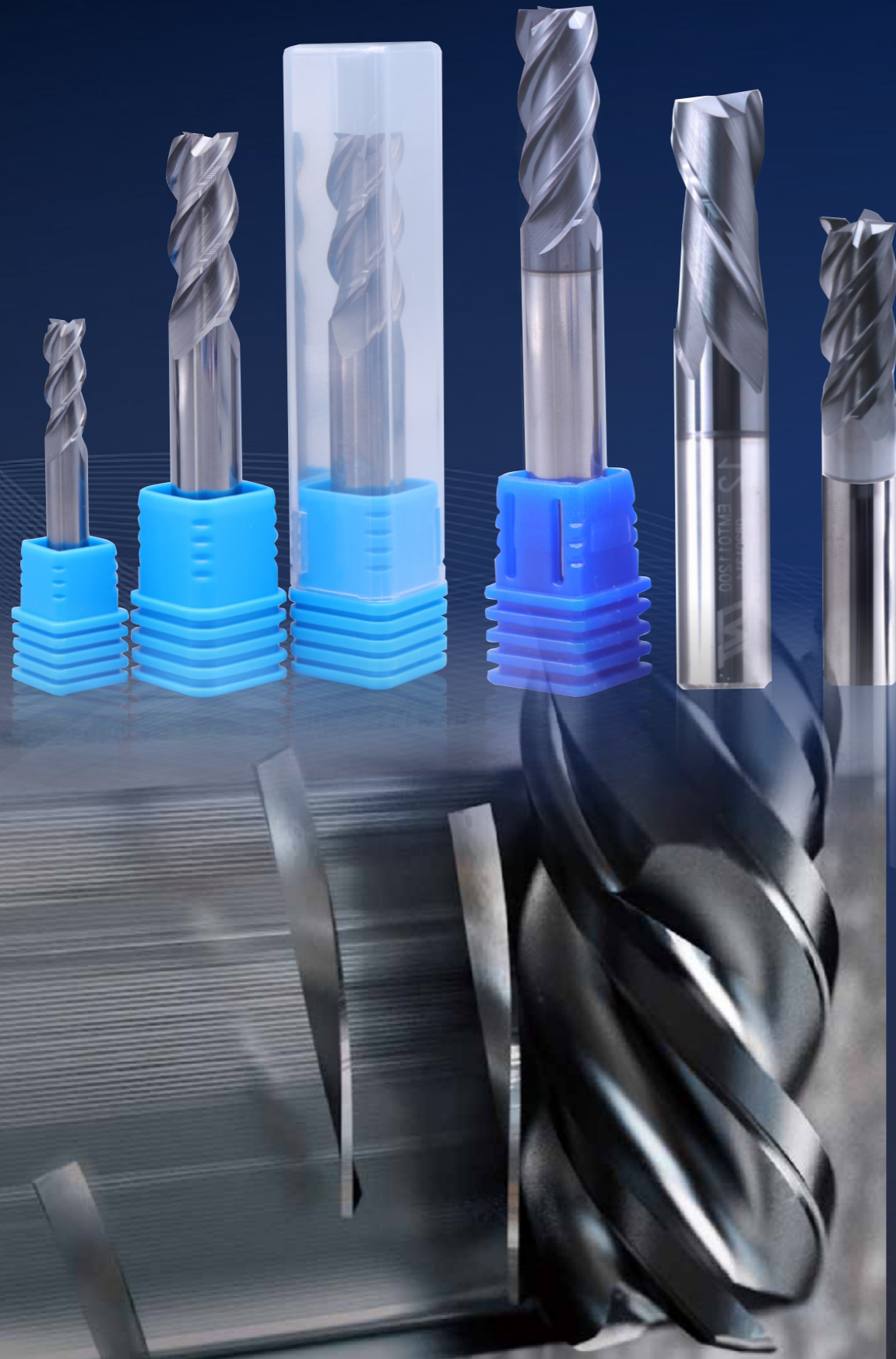
Universal, economical style
Carbide end mills
High speed Milling for Aluminum
Cutter for Stainless Steel

UNT PRECISION CUTTING TOOLS CO., LTD

TEL: +86-769-8210 0281 <http://www.unt-tools.com> sales@unt-tools.com

EDP #	Mill Diameter	Corner radius	Shank Dia	Flute length	O.A.L		Flutes
	D1	R	D2	L1	L2		
EMT070101	1	R0.1	4	3	50	2	
EMT070102	1	R0.2	4	3	50	2	
EMT070201	2	R0.1	4	6	50	2	
EMT070203	2	R0.3	4	6	50	2	
EMT070301	3	R0.1	4	8	50	2	
EMT070305	3	R0.5	4	8	50	2	
EMT070310	3	R1.0	4	8	50	2	
EMT070402	4	R0.2	4	11	50	2	
EMT070405	4	R0.5	4	11	50	2	
EMT070410	4	R1.0	4	11	50	2	
EMT070620	6	R2.0	6	16	50	2	
EMT070820	8	R2.0	8	20	60	2	
EMT071030	10	R3.0	10	25	75	2	
EMT071230	12	R3.0	12	30	75	2	

*Non-standard size or product parameters not listed above, can be customized according to customer needs.



EMT SERIES

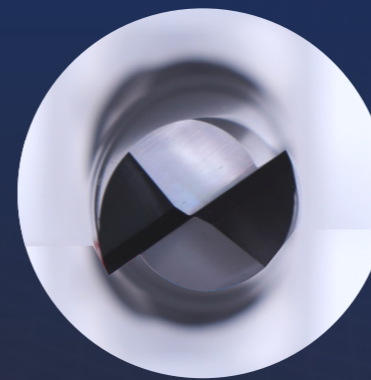
Solid Carbide Square 2 & 3 & 4 Flutes End Mill HRC46

Carbide Endmill, Solid Carbide end mill

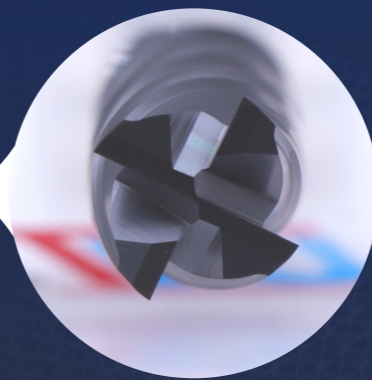
EMT series Carbide Mill Cutter

- > usually used to be assembled on milling machine;
- > Suitable for CNC data processing center, carved, high-speed machines;
- > Can milling of copper, aluminum, tool steel, cast iron, etc.
- > high toughness, abrasion resistance, high-speed cutting for the high hardness;
- > can processing directly or fine processing to the heat treatment mold;
- > reducing the number of tool changes, improve machine actuator movement rhythm, save mold making time.

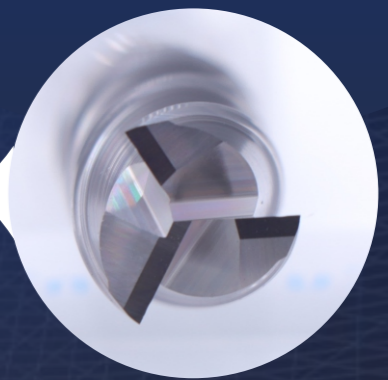
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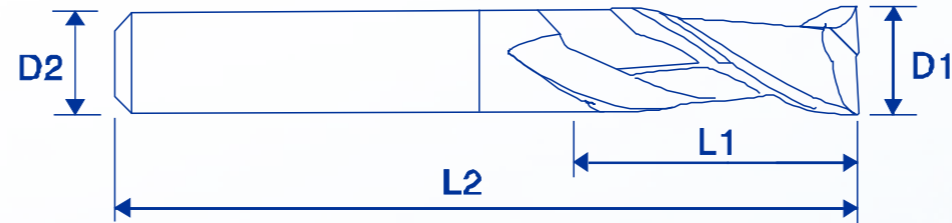


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EMT01

HIGH-PERFORMANCE SOLID CARBIDE END MILLS - SHARP EDGE 2-FLUTED



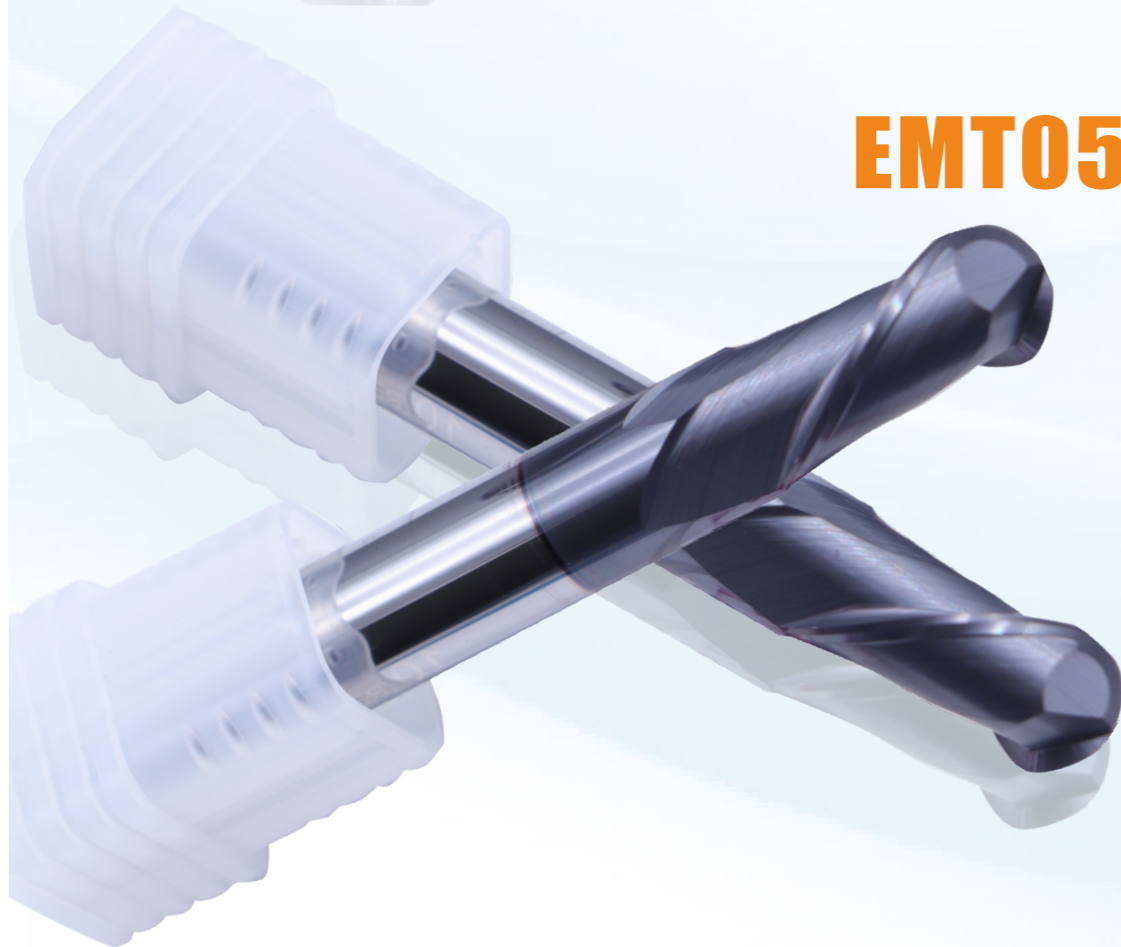
EDP #	Mill Diameter	Shank Dia	Flute length	O.A.L		Flutes
	D1	D2	L1	L2		
EMT010024	0.2	4	0.4	50	2	
EMT010034	0.3	4	0.6	50	2	
EMT010044	0.4	4	0.8	50	2	
EMT010054	0.5	4	1	50	2	
EMT010064	0.6	4	1.2	50	2	
EMT010074	0.7	4	1.4	50	2	
EMT010084	0.8	4	1.6	50	2	
EMT010094	0.9	4	1.8	50	2	
EMT010104	1.0	4	3	50	2	
EMT010204	2.0	4	6	50	2	
EMT010304	3.0	4	8	50	2	
EMT010404	4.0	4	11	50	2	
EMT010500	5.0	6	13	50	2	
EMT010600	6.0	6	16	50	2	
EMT010700	7.0	8	20	60	2	
EMT010800	8.0	8	20	60	2	
EMT010900	9.0	10	25	75	2	
EMT011000	10.0	10	25	75	2	
EMT011200	12.0	12	30	75	2	
EMT011600	16.0	16	40	100	2	
EMT011800	18.0	18	40	100	2	
EMT012000	20.0	20	40	100	2	

* Non-standard size or product parameters not listed above, can be customized according to customer needs."

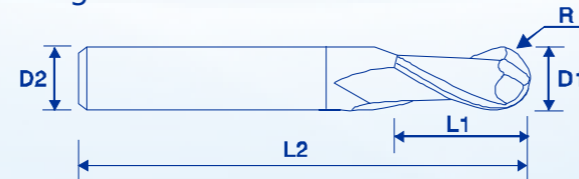
EMT05

BALL SHARP CARBIDE END MILL

HIGH SPEED CUTTING FOR HARD STEELS UP TO HRC46~50



- Suitable for wide range of work material, specifically for increasing tool life when machining hardened materials, low hardness materials and Cast irons, etc.
- High speed cutting, dry and wet cut recommended together.



EDP #	Mill Diameter	Radius	Shank Dia	Flute length	O.A.L		Flutes
	D1	R	D2	L1	L2		
EMT050103	1.0	R0.5	3	2	50	2	
EMT050153	1.5	R0.75	3	3	50	2	
EMT050203	2.0	R1.0	3	4	50	2	
EMT050303	3.0	R1.5	3	6	50	2	
EMT050104	1.0	R0.5	4	2	50	2	
EMT050204	2.0	R1.0	4	4	50	2	
EMT050304	3.0	R1.5	4	6	50	2	
EMT050406	4.0	R2.0	6	8	50	2	
EMT050500	5.0	R2.5	6	10	50	2	
EMT050600	6.0	R3.0	6	12	50	2	
EMT050700	7.0	R3.5	8	14	60	2	
EMT050800	8.0	R4.0	8	16	60	2	
EMT051000	10.0	R5.0	10	20	75	2	
EMT051200	12.0	R6.0	12	24	75	2	
EMT051600	16.0	R8.0	16	32	100	2	
EMT052000	20.0	R10.0	20	40	100	2	

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Material
P M K N S H

46-56
HRC

R_n
 $\lambda = 35^\circ$

AlTiN

2 | 4

D1653715
HA

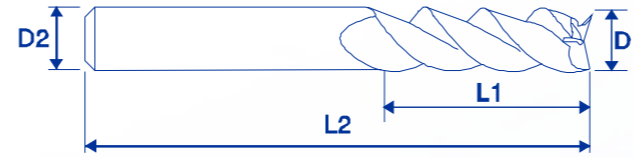
D653715
HB

Application	RadiusMilling		Copy Milling		PocketMilling	
	Roughing	Finishing	Roughing	Finishing	Roughing	Finishing
Ballnose type	⊙	⊙	⊙	⊙	⊙	⊙



EMT09 10 HIGH-SPEED END MILLS FOR ALUMINUM SLOT DRILLS

Speed, Strength and Sharpness



- **EME 09&10 series** End Mills for Aluminum and non-Ferrous Material.
- Well-designed for the plunge cutting, pocketing and general purpose
- Large rake angle and unique flute design improve sharpness and chip evacuation.
- Corner edge with gash land improves cutting edge strength.
- These are designed for slotting, drilling, pocketing and general-purpose operation.

EDP #	Mill Diameter	Shank Dia	Flute length	O.A.L		Flutes
	D1	D2	L1	L2		
EMT09010	1.0	4	3	50	3	
EMT09015	1.5	4	4	50	3	
EMT09020	2.0	4	6	50	3	
EMT09025	2.5	4	6	50	3	
EMT09030	3.0	4	8	50	3	
EMT09040	4.0	4	11	50	3	
EMT090501	5.0	5	13	50	3	
EMT09050	5.0	6	13	50	3	
EMT09060	6.0	6	16	50	3	
EMT09070	7.0	8	20	60	3	
EMT09080	8.0	8	20	60	3	
EMT09090	9.0	10	25	75	3	
EMT09100	10.0	10	25	75	3	
EMT09120	12.0	12	30	75	3	
EMT09140	14.0	14	40	100	3	
EMT09160	16.0	16	40	100	3	
EMT09200	20.0	20	40	100	3	

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EMT-11 UNIVERSAL SOLID CARBIDE 4 FLUTE, DOUBLE CORE END MILLS HRC46



EDP #	Mill Diameter	Shank Dia	Flute length	O.A.L		Flutes
	D1	D2	L1	L2		
EMT110104	1.0	4	3	50	4	
EMT110154	1.5	4	4	50	4	
EMT110204	2.0	4	6	50	4	
EMT110304	3.0	4	8	50	4	
EMT110404	4.0	4	11	50	4	
EMT110106	1.0	6	3	50	4	
EMT110206	2.0	6	6	50	4	
EMT110406	4.0	6	11	50	4	
EMT110600	6.0	6	16	50	4	
EMT110800	8.0	8	20	60	4	
EMT111000	10.0	10	25	75	4	
EMT111200	12.0	12	30	75	4	
EMT111400	14.0	14	30	90	4	
EMT111600	16.0	16	40	100	4	
EMT112000	20.0	20	40	100	4	

*Non-standard size or product parameters not listed above, can be customized according to customer needs.

NUMBER OF FLUTES 	SHANK TOLERANCE 	BALL RADIUS TOLERANCE 	COATING 	HELIX ANGLE 	MACHINING DIRECTOR
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