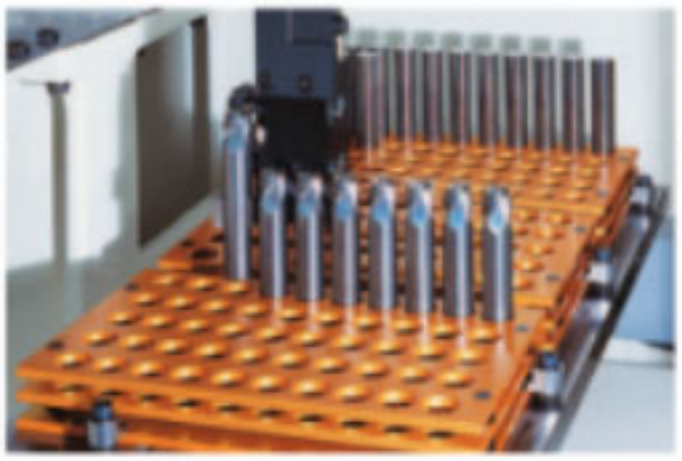
Mega PLUS

For Hardened Steel and High Speed Machining



MEGA PLUS DONG JIN CO.,LTD

WH-RB | ~HRC70 | NACO | HELIX:30° | 2

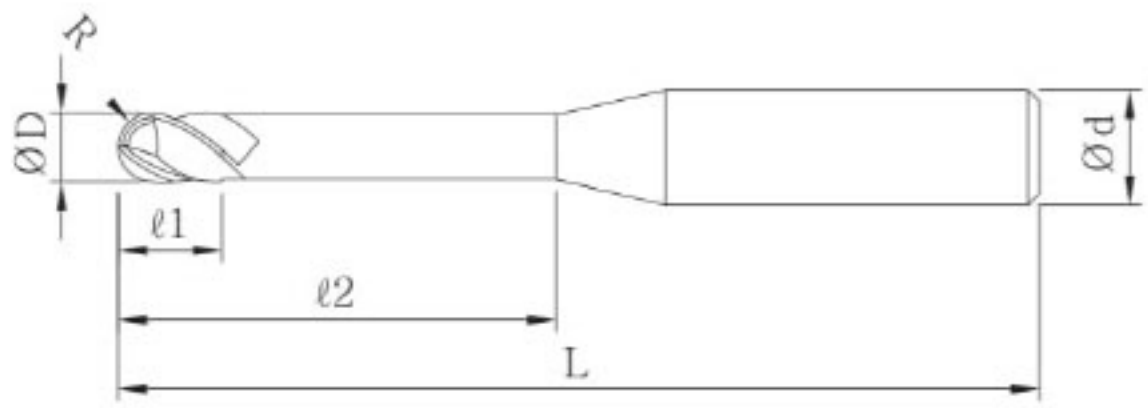
公差范围（Tolerance）/ ㎜

Radius	ØD	Ød
± 0.015	0	−0.004
	−0.02	−0.01

Rib Ball End Mill (2F)

- It is 2-flute ball end mill with long neck which is suitable for hardened steel milling(up to 70HRC), exhibiting excellent wear resistance at high-speed cutting specially.
- Owing to the adoption of original design against chipping, stable high quality and efficiency cutting is possible in deep groove or hole of molds. And also, long time tool life is guaranteed for precision milling of various kind of dies.

加工热处理钢（非热处理钢开始硬度HRC70为止）的高速切削中发挥优秀的耐磨性的铣刀，采用了防崩的强切削韧，使金属模具的深孔和深度R角稳定、高效率、高品质加工上卓越。在汽车模具、手机模具、电子、半导体配件上，可长时间加工。



Code No.	Radius R	0ut Dia D	Length of cut ℓ_1	Effective Length ℓ_2	Overall Length L	Shank d	Price 정 가
WH 001L01 RB	R0.05	0.1	0.12	1	45	4	
WH 001L02 RB				2	45	4	
WH 002L005 RB	R0.1	0.2	0.25	0.5	45	4	
WH 002L01 RB				1	45	4	
WH 002L015 RB				1.5	45	4	
WH 002L02 RB				2	45	4	
WH 003L01 RB	R0.15	0.3	0.4	1	45	4	
WH 003L015 RB				1.5	45	4	
WH 003L02 RB				2	45	4	
WH 003L03 RB				3	45	4	
WH 004L01 RB	R0.2	0.4	0.5	1	45	4	
WH 004L02 RB				2	45	4	
WH 004L03 RB				3	45	4	
WH 004L04 RB				4	45	4	
WH 004L05 RB				5	45	4	
WH 005L02 RB	R0.25	0.5	0.6	2	45	4	
WH 005L03 RB				3	45	4	
WH 005L04 RB				4	45	4	
WH 005L05 RB				5	45	4	
WH 005L06 RB				6	45	4	
WH 005L08 RB				8	45	4	
WH 005L10 RB				10	45	4	
WH 006L02 RB	R0.3	0.6	0.7	2	45	4	
WH 006L03 RB				3	45	4	
WH 006L04 RB				4	45	4	

Code No.	Radius	0ut Dia	Length of cut	Effective Length	Overall Length	Shank	Price
	R	D	ℓ_1	ℓ_2	L	d	정 가
WH 006L05 RB	R0.3	0.6	0.7	5	45	4	
WH 006L06 RB				6	45	4	
WH 006L08 RB				8	45	4	
WH 006L10 RB				10	45	4	
WH 007L02 RB	R0.35	0.7	0.8	2	45	4	
WH 007L03 RB				3	45	4	
WH 007L04 RB				4	45	4	
WH 007L05 RB				5	45	4	
WH 007L06 RB				6	45	4	
WH 007L08 RB				8	45	4	
WH 007L10 RB				10	45	4	
WH 008L02 RB	R0.4	0.8	0.9	2	45	4	
WH 008L03 RB				3	45	4	
WH 008L04 RB				4	45	4	
WH 008L05 RB				5	45	4	
WH 008L06 RB				6	45	4	
WH 008L08 RB				8	45	4	
WH 008L10 RB				10	45	4	
WH 009L03 RB	R0.45	0.9	1	3	45	4	
WH 009L04 RB				4	45	4	
WH 009L05 RB				5	45	4	
WH 009L06 RB				6	45	4	
WH 009L08 RB				8	45	4	
WH 009L10 RB				10	45	4	
WH 010L02 RB	R0.5	1.0	1.2	2	45	4	
WH 010L03 RB				3	45	4	
WH 010L04 RB				4	45	4	
WH 010L05 RB				5	45	4	
WH 010L06 RB				6	45	4	
WH 010L08 RB				8	45	4	
WH 010L10 RB				10	45	4	
WH 010L12 RB				12	50	4	
WH 010L14 RB				14	50	4	
WH 010L16 RB				16	50	4	
WH 010L18 RB				18	60	4	
WH 010L20 RB				20	60	4	
WH 012L03 RB	R0.6	1.2	1.4	3	45	4	
WH 012L04 RB				4	45	4	
WH 012L05 RB				5	45	4	
WH 012L06 RB				6	45	4	
WH 012L08 RB				8	45	4	
WH 012L10 RB				10	45	4	
WH 012L12 RB				12	50	4	
WH 012L14 RB				14	50	4	
WH 012L16 RB				16	50	4	
WH 012L20 RB				20	60	4	

Code No.	Radius	0ut Dia	Length of cut	Effective Length	Overall Length	Shank	Price
	R	D	ℓ_1	ℓ_2	L	d	정 가
WH 014L04 RB	R0.7	1.4	1.7	4	45	4	
WH 014L05 RB				5	45	4	
WH 014L06 RB				6	45	4	
WH 014L08 RB				8	45	4	
WH 014L10 RB				10	45	4	
WH 014L12 RB				12	50	4	
WH 015L04 RB	R0.75	1.5	1.8	4	45	4	
WH 015L05 RB				5	45	4	
WH 015L06 RB				6	45	4	
WH 015L08 RB				8	45	4	
WH 015L10 RB				10	45	4	
WH 015L12 RB				12	50	4	
WH 015L14 RB				14	50	4	
WH 015L16 RB				16	50	4	
WH 015L18 RB				18	60	4	
WH 015L20 RB				20	60	4	
WH 016L04 RB	R0.8	1.6	1.9	4	45	4	
WH 016L05 RB				5	45	4	
WH 016L06 RB				6	45	4	
WH 016L08 RB				8	45	4	
WH 016L10 RB				10	45	4	
WH 016L12 RB				12	45	4	
WH 016L14 RB				14	50	4	
WH 016L16 RB				16	50	4	
WH 016L18 RB				18	60	4	
WH 016L20 RB				20	60	4	
WH 020L04 RB	R1.0	2.0	2.2	4	45	4	
WH 020L06 RB				6	45	4	
WH 020L08 RB				8	45	4	
WH 020L10 RB				10	45	4	
WH 020L12 RB				12	45	4	
WH 020L14 RB				14	50	4	
WH 020L16 RB				16	50	4	
WH 020L18 RB				18	50	4	
WH 020L20 RB				20	60	4	
WH 020L22 RB				22	60	4	
WH 020L25 RB				25	60	4	
WH 020L30 RB				30	70	4	
WH 025L10 RB	R1.25	2.5	3	10	50	6	
WH 025L12 RB				12	50	6	
WH 025L14 RB				14	50	6	
WH 025L16 RB				16	60	6	
WH 025L20 RB				20	60	6	
WH 025L25 RB				25	60	6	
WH 025L30 RB				30	70	6	

Code No.	Radius	0ut Dia	Length of cut	Effective Length	Overall Length	Shank	Price
	R	D	ℓ_1	ℓ_2	L	d	정 가
WH 030L06 RB	R1.5	3.0	3.6	6	50	6	
WH 030L08 RB				8	50	6	
WH 030L10 RB				10	50	6	
WH 030L12 RB				12	50	6	
WH 030L14 RB				14	50	6	
WH 030L16 RB				16	60	6	
WH 030L18 RB				18	60	6	
WH 030L20 RB				20	60	6	
WH 030L25 RB				25	60	6	
WH 030L30 RB				30	70	6	
WH 030L35 RB				35	80	6	
WH 030L40 RB				40	80	6	
WH 040L08 RB	R2.0	4.0	5	8	50	6	
WH 040L10 RB				10	50	6	
WH 040L12 RB				12	50	6	
WH 040L14 RB				14	50	6	
WH 040L16 RB				16	60	6	
WH 040L18 RB				18	60	6	
WH 040L20 RB				20	60	6	
WH 040L25 RB				25	60	6	
WH 040L30 RB				30	70	6	
WH 040L35 RB				35	70	6	
WH 040L40 RB				40	80	6	
WH 040L45 RB				45	80	6	
WH 040L50 RB				50	90	6	
WH 050L20 RB	R2.5	5.0	6	20	60	6	
WH 050L25 RB				25	60	6	
WH 050L30 RB				30	70	6	
WH 050L35 RB				35	70	6	
WH 050L40 RB				40	80	6	
WH 060L13 RB	R3.0	6.0	7	13	50	6	
WH 060L20 RB				20	60	6	
WH 060L30 RB				30	60	6	
WH 060L40 RB				40	70	6	
WH 060L50 RB				50	80	6	

Silver NACO

VH-RB | ~HRC60 | NACO | HELIX:30° | 2

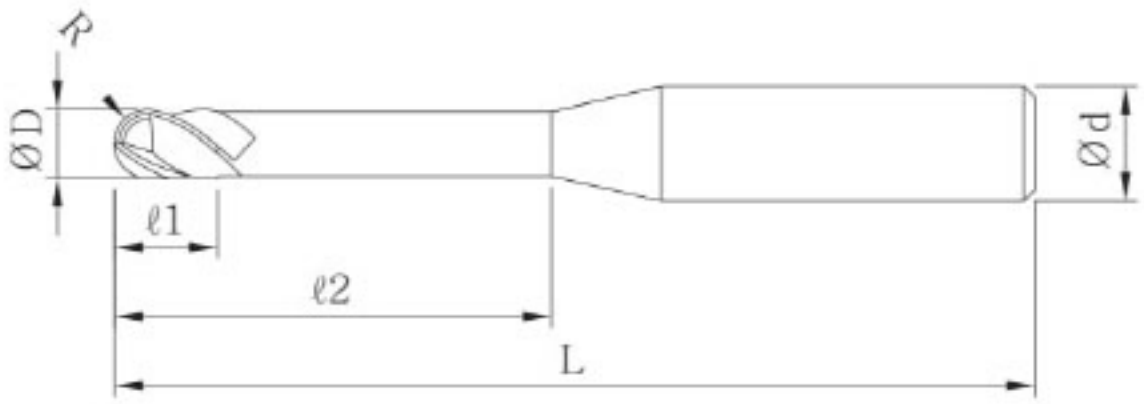
公差范围 (Tolerance) / mm

Radius	ØD	Ød
± 0.015	0	−0.004
	−0.02	−0.01

Rib Ball End Mill (2F)

- It is 2-flute ball end mill with long neck which is suitable for hardened steel milling(up to 60HRC), exhibiting excellent wear resistance at high-speed cutting specially.
- Owing to the adoption of original design against chipping, stable high quality and efficiency cutting is possible in deep groove or hole of molds. And also, long time tool life is guaranteed for precision milling of various kind of dies.

从非热处理钢到高硬度才（硬度HRC60为止）的高度切削中作为发挥优秀的耐磨性的铣刀，采用了防崩的强切削韧，使金属模具的深孔,稳定加工、高效率、高品质加工上卓越。在汽车模具、手机模具、电子、半导体配件、汽车零配件上，可长时间加工。



Code No.	Radius R	0ut Dia D	Length of cut ℓ1	Effective Length ℓ2	Overall Length L	Shank d	Price 정 가
VH 001L01 RB	R0.05	0.1	0.12	1	45	4	
VH 001L02 RB				2	45	4	
VH 002L005 RB	R0.1	0.2	0.25	0.5	45	4	
VH 002L01 RB				1	45	4	
VH 002L015 RB				1.5	45	4	
VH 002L02 RB				2	45	4	
VH 003L01 RB	R0.15	0.3	0.4	1	45	4	
VH 003L015 RB				1.5	45	4	
VH 003L02 RB				2	45	4	
VH 003L03 RB				3	45	4	
VH 004L01 RB	R0.2	0.4	0.5	1	45	4	
VH 004L02 RB				2	45	4	
VH 004L03 RB				3	45	4	
VH 004L04 RB				4	45	4	
VH 004L05 RB				5	45	4	
VH 005L02 RB	R0.25	0.5	0.6	2	45	4	
VH 005L03 RB				3	45	4	
VH 005L04 RB				4	45	4	
VH 005L05 RB				5	45	4	
VH 005L06 RB				6	45	4	
VH 005L08 RB				8	45	4	
VH 005L10 RB				10	45	4	
VH 006L02 RB	R0.3	0.6	0.7	2	45	4	
VH 006L03 RB				3	45	4	
VH 006L04 RB				4	45	4	
VH 006L05 RB				5	45	4	

Code No.	Radius	0ut Dia	Length of cut	Effective Length	Overall Length	Shank	Price
	R	D	ℓ_1	ℓ_2	L	d	정 가
VH 006L06 RB	R0.3	0.6	0.7	6	45	4	
VH 006L08 RB				8	45	4	
VH 006L10 RB				10	45	4	
VH 007L02 RB	R0.35	0.7	0.8	2	45	4	
VH 007L03 RB				3	45	4	
VH 007L04 RB				4	45	4	
VH 007L05 RB				5	45	4	
VH 007L06 RB				6	45	4	
VH 007L08 RB				8	45	4	
VH 007L10 RB				10	45	4	
VH 008L02 RB	R0.4	0.8	0.9	2	45	4	
VH 008L03 RB				3	45	4	
VH 008L04 RB				4	45	4	
VH 008L05 RB				5	45	4	
VH 008L06 RB				6	45	4	
VH 008L08 RB				8	45	4	
VH 008L10 RB				10	45	4	
VH 009L03 RB	R0.45	0.9	1	3	45	4	
VH 009L04 RB				4	45	4	
VH 009L05 RB				5	45	4	
VH 009L06 RB				6	45	4	
VH 009L08 RB				8	45	4	
VH 009L10 RB				10	45	4	
VH 010L02 RB	R0.5	1.0	1.2	2	45	4	
VH 010L03 RB				3	45	4	
VH 010L04 RB				4	45	4	
VH 010L05 RB				5	45	4	
VH 010L06 RB				6	45	4	
VH 010L08 RB				8	45	4	
VH 010L10 RB				10	45	4	
VH 010L12 RB				12	50	4	
VH 010L14 RB				14	50	4	
VH 010L16 RB				16	50	4	
VH 010L18 RB				18	60	4	
VH 010L20 RB				20	60	4	
VH 012L03 RB	R0.6	1.2	1.4	3	45	4	
VH 012L04 RB				4	45	4	
VH 012L05 RB				5	45	4	
VH 012L06 RB				6	45	4	
VH 012L08 RB				8	45	4	
VH 012L10 RB				10	45	4	
VH 012L12 RB				12	50	4	
VH 012L14 RB				14	50	4	
VH 012L16 RB				16	50	4	
VH 012L20 RB				20	60	4	

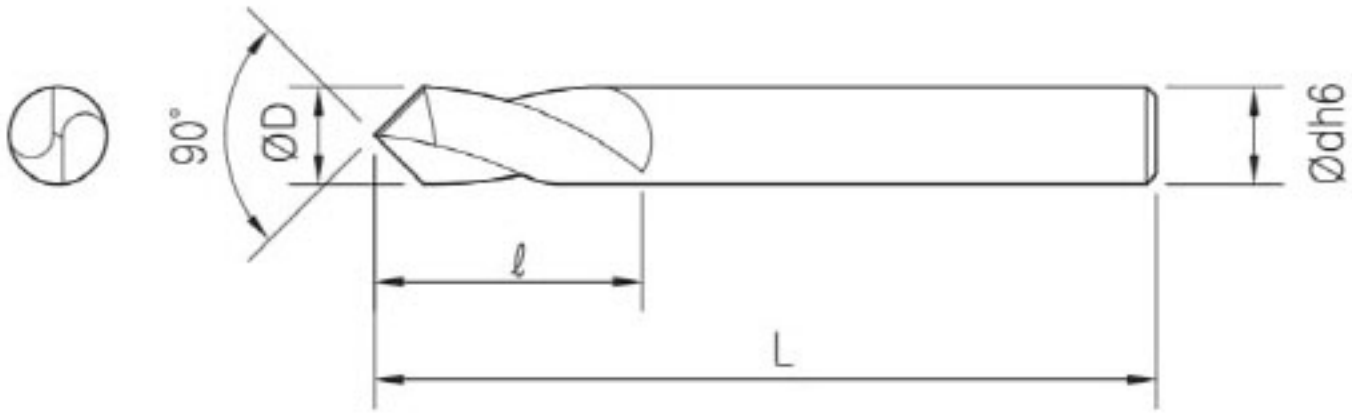
Code No.	Radius	0ut Dia	Length of cut	Effective Length	Overall Length	Shank	Price
	R	D	ℓ_1	ℓ_2	L	d	정 가
VH 014L04 RB	R0.7	1.4	1.7	4	45	4	
VH 014L05 RB				5	45	4	
VH 014L06 RB				6	45	4	
VH 014L08 RB				8	45	4	
VH 014L10 RB				10	45	4	
VH 014L12 RB				12	50	4	
VH 015L04 RB	R0.75	1.5	1.8	4	45	4	
VH 015L05 RB				5	45	4	
VH 015L06 RB				6	45	4	
VH 015L08 RB				8	45	4	
VH 015L10 RB				10	45	4	
VH 015L12 RB				12	50	4	
VH 015L14 RB				14	50	4	
VH 015L16 RB				16	50	4	
VH 015L18 RB				18	60	4	
VH 015L20 RB				20	60	4	
VH 016L04 RB	R0.8	1.6	1.9	4	45	4	
VH 016L05 RB				5	45	4	
VH 016L06 RB				6	45	4	
VH 016L08 RB				8	45	4	
VH 016L10 RB				10	45	4	
VH 016L12 RB				12	45	4	
VH 016L14 RB				14	50	4	
VH 016L16 RB				16	50	4	
VH 016L18 RB				18	60	4	
VH 016L20 RB				20	60	4	
VH 020L04 RB	R1.0	2.0	2.2	4	45	4	
VH 020L06 RB				6	45	4	
VH 020L08 RB				8	45	4	
VH 020L10 RB				10	45	4	
VH 020L12 RB				12	45	4	
VH 020L14 RB				14	50	4	
VH 020L16 RB				16	50	4	
VH 020L18 RB				18	50	4	
VH 020L20 RB				20	60	4	
VH 020L22 RB				22	60	4	
VH 020L25 RB				25	60	4	
VH 020L30 RB				30	70	4	
VH 025L10 RB	R1.25	2.5	3	10	50	6	
VH 025L12 RB				12	50	6	
VH 025L14 RB				14	50	6	
VH 025L16 RB				16	60	6	
VH 025L20 RB				20	60	6	
VH 025L25 RB				25	60	6	
VH 025L30 RB				30	70	6	

Code No.	Radius	0ut Dia	Length of cut	Effective Length	Overall Length	Shank	Price
	R	D	ℓ_1	ℓ_2	L	d	정 가
VH 030L06 RB	R1.5	3.0	3.6	6	50	6	
VH 030L08 RB				8	50	6	
VH 030L10 RB				10	50	6	
VH 030L12 RB				12	50	6	
VH 030L14 RB				14	50	6	
VH 030L16 RB				16	60	6	
VH 030L18 RB				18	60	6	
VH 030L20 RB				20	60	6	
VH 030L25 RB				25	60	6	
VH 030L30 RB				30	70	6	
VH 030L35 RB				35	80	6	
VH 030L40 RB				40	80	6	
VH 040L08 RB	R2.0	4.0	5	8	50	6	
VH 040L10 RB				10	50	6	
VH 040L12 RB				12	50	6	
VH 040L14 RB				14	50	6	
VH 040L16 RB				16	60	6	
VH 040L18 RB				18	60	6	
VH 040L20 RB				20	60	6	
VH 040L25 RB				25	60	6	
VH 040L30 RB				30	70	6	
VH 040L35 RB				35	70	6	
VH 040L40 RB				40	80	6	
VH 040L45 RB				45	80	6	
VH 040L50 RB				50	90	6	
VH 050L20 RB	R2.5	5.0	6	20	60	6	
VH 050L25 RB				25	60	6	
VH 050L30 RB				30	70	6	
VH 050L35 RB				35	70	6	
VH 050L40 RB				40	80	6	
VH 060L13 RB	R3.0	6.0	7	13	50	6	
VH 060L20 RB				20	60	6	
VH 060L30 RB				30	60	6	
VH 060L40 RB				40	70	6	
VH 060L50 RB				50	80	6	

DPD 2

公差范围(Tolerance) / ㎜

ØD	Ød
0	-0.004
-0.02	-0.01



Code No.	0ut Dia	Length of cut	Overall Length	Shank	Price
	D	ℓ	L	d	정 가
DPD 0300	3.0	10	50	3	
DPD 0400/50L	4.0	12	50	4	
DPD 0400/70L			70		
DPD 0500/50L	5.0	14	50	5	
DPD 0500/80L			80		
DPD 0600/60L	6.0	14	60	6	
DPD 0600/90L			90		
DPD 0800/70L	8.0	24	70	8	
DPD 0800/100L			100		
DPD 1000/80L	10.0	24	80	10	
DPD 1000/100L			100		
DPD 1200/80L	12.0	28	80	12	
DPD 1200/100L			100		

AL2-FL | **AL** | **HELIX:45°** | 2

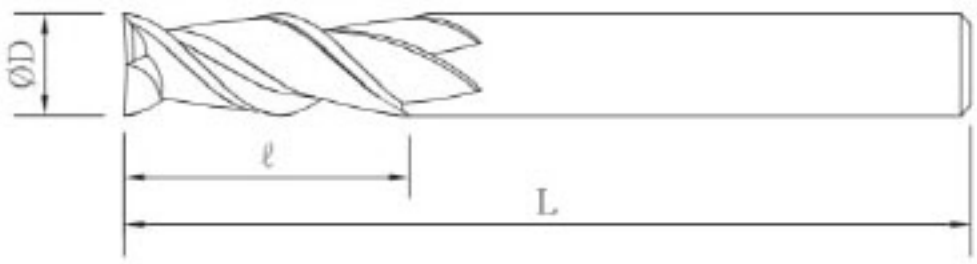
公差范围 (Tolerance) / mm

ØD	Ød
0	−0.004
−0.02	−0.01

AL Flat End Mill (2F)

- It is developed for high speed cutting with high efficiency on Aluminum, the surface roughness of machined surface is excellent, and it is long tool life.
- Owing to the adoption of high 2-flute helix geometry, stable high quality and efficiency cutting is possible. And it is provided good chip evacuation and long time tool life is guaranteed.

铝件加工上最佳条件设计的2刃和High Helix款结合的铣刀，以粗加工为主稳定的排削等高能率，高品质的长时间加工非常好。



Code No.	0ut Dia	Length of cut	Overall Length	Shank	End Teeth	Price
	D	ℓ	L	d	F	정 가
AL2 01006 FL/3/50L	1.0	3	50	6	2	
AL2 01006 FL/6/60L		6	60	6	2	
AL2 01206 FL/4/50L	1.2	4	50	6	2	
AL2 01506 FL/5/50L	1.5	5	50	6	2	
AL2 01506 FL/8/60L		8	60	6	2	
AL2 02006 FL/6/50L	2.0	6	50	6	2	
AL2 02006 FL/10/60L		10	60	6	2	
AL2 02506 FL/8/55L	2.5	8	55	6	2	
AL2 03006 FL/11/55L	3.0	11	55	6	2	
AL2 03006 FL/15/65L		15	65	6	2	
AL2 04006 FL/13/55L	4.0	13	55	6	2	
AL2 04006 FL/16/65L		16	65	6	2	
AL2 05006 FL/17/55L	5.0	17	55	6	2	
AL2 05006 FL/22/60L		22	60	6	2	
AL2 06006 FL/17/60L	6.0	17	60	6	2	
AL2 06006 FL/25/70L		25	70	6	2	
AL2 07008 FL/22/65L	7.0	22	65	8	2	
AL2 08008 FL/22/70L	8.0	22	70	8	2	
AL2 08008 FL/30/80L		30	80	8	2	
AL2 10010 FL/27/75L	10.0	27	75	10	2	
AL2 10010 FL/35/90L		35	90	10	2	
AL2 12012 FL/32/80L	12.0	32	80	12	2	
AL2 12012 FL/40/95L		40	95	12	2	