FAE Square End Mills

Aluminum Cutting

Carbide MG | Grain Size 0.6μm | Helix Angle 55° | 2 Flutes | Flute Edge H

Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FAE 0102	1	3	50	4
FAE 0152	1.5	4	50	4
FAE 0202	2	6	50	4
FAE 0302	3	8	50	4
FAE 0402	4	12	50	4
FAE 0502	5	16	50	6
FAE 0602	6	18	50	6
FAE 0802	8	22	60	8
FAE 1002	10	28	75	10
FAE 1202	12	30	75	12

unit:mm

FAB Ball Nose End Mills

Aluminum Cutting

Carbide MG | Grain Size 0.6μm | Helix Angle 25° | 2 Flutes

Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FAB 0102	R0.5	2	50	4
FAB 0152	R0.75	3	50	4
FAB 0202	R1	4	50	4
FAB 0302	R1.5	6	50	3
FAB 0402	R2	8	50	4
FAB 0602	R3	12	50	6
FAB 0802	R4	16	60	8
FAB 1002	R5	20	75	10
FAB 1202	R6	24	75	12

unit:mm

FAE Square End Mills

Aluminum Cutting

Carbide MG | Grain Size 0.6μm | Helix Angle 55° | 3 Flutes | Flute Edge H

Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FAE 0203	2	6	50	4
FAE 0303	3	10	50	4
FAE 0403	4	12	50	4
FAE 0503	5	16	50	6
FAE 0603	6	18	50	6
FAE 0803	8	20	60	8
FAE 1003	10	25	75	10
FAE 1203	12	30	75	12
FAE 1603	16	40	100	16

unit:mm

JANPO
JANPO PRECISION TOOLS CO.,LTD.

http://www.cutters.com.tw
E-mail : info@cutters.com.tw

JANPO

JANPO HIGH SPEED CUTTING

Machine from Swiss
Material from Germany
Technology from Swiss

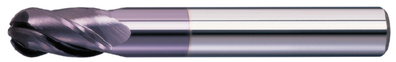
END MILLS

FBA Ball Nose End Mills

Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FBA 0102	R0.5	2	50	4
FBA 0152	R0.75	3	50	4
FBA 0202	R1	4	50	4
FBA 0252	R1.25	5	50	4
FBA 0302	R1.5	6	50	4
FBA 0402	R2	8	50	4
FBA 0502	R2.5	10	50	6
FBA 0602	R3	12	50	6
FBA 0802	R4	16	60	8
FBA 1002	R5	20	75	10
FBA 1202	R6	24	75	12
FBA 1602	R8	32	100	16

unit:mm

FBA Ball Nose End Mills



Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FBA 0104	R0.5	2	50	4
FBA 0154	R0.75	3	50	4
FBA 0204	R1	4	50	4
FBA 0304	R1.5	6	50	4
FBA 0404	R2	8	50	4
FBA 0504	R2.5	10	50	6
FBA 0604	R3	12	50	6
FBA 0804	R4	16	60	8
FBA 1004	R5	20	75	10
FBA 1204	R6	24	75	12

unit:mm

FRT Corner Radius End Mills

Type No.	Diameter	Corner R	Flute Length	O.A.L.	Shank Dia
FRT 02052	2	0.5	6	50	4
FRT 03052	3	0.5	8	50	4
FRT 04052	4	0.5	10	50	4
FRT 04102	4	1	10	50	4
FRT 06052	6	0.5	15	50	6
FRT 06102	6	1	15	50	6
FRT 08052	8	0.5	20	60	8
FRT 08102	8	1	20	60	8
FRT 10052	10	0.5	25	75	10
FRT 10102	10	1	25	75	10
FRT 10152	10	1.5	25	75	10
FRT 10202	10	2	25	75	10
FRT 12102	12	1	30	75	12
FRT 12202	12	2	30	75	12

unit:mm

FRB Corner Radius End Mills

Type No.	Diameter	Corner R	Flute Length	O.A.L.	Shank Dia
FRB 03054	3	0.5	8	50	4
FRB 04054	4	0.5	10	50	4
FRB 06054	6	0.5	15	50	6
FRB 06104	6	1	15	50	6
FRB 08054	8	0.5	20	60	8
FRB 08104	8	1	20	60	8
FRB 10104	10	1	25	75	10
FRB 10204	10	2	25	75	10
FRB 10304	10	3	25	75	10
FRB 12104	12	1	30	75	12
FRB 12204	12	2	30	75	12
FRB 12304	12	3	30	75	12

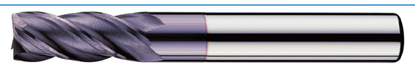
unit:mm

FEA Square End Mills

Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FEA 0102	1	3	50	4
FEA 0152	1.5	4	50	4
FEA 0202	2	6	50	4
FEA 0252	2.5	8	50	4
FEA 0302	3	8	50	4
FEA 0402	4	11	50	4
FEA 0502	5	13	50	6
FEA 0602	6	16	50	6
FEA 0802	8	20	60	8
FEA 1002	10	25	75	10
FEA 1202	12	30	75	12
FEA 1602	16	40	100	16

unit:mm

FEA Square End Mills



Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FEA 0104	1	3	50	4
FEA 0154	1.5	4	50	4
FEA 0204	2	6	50	4
FEA 0254	2.5	8	50	4
FEA 0304	3	8	50	4
FEA 0404	4	11	50	4
FEA 0504	5	13	50	6
FEA 0604	6	16	50	6
FEA 0804	8	20	60	8
FEA 1004	10	25	75	10
FEA 1204	12	30	75	12
FEA 1604	16	40	100	16

unit:mm

FRL Corner Radius End Mills

Long Shank

Type No.	Diameter	Corner R	Flute Length	O.A.L.	Shank Dia
FRL 04052	4	0.5	10	75	4
FRL 06052	6	0.5	15	75	6
FRL 06102	6	1.0	15	75	6
FRL 08052	8	0.5	20	100	8
FRL 08102	10	1.0	25	100	8
FRL 10052	10	0.5	25	100	10
FRL 10102	10	1.0	25	100	10
FRL 10202	10	2.0	25	100	10
FRL 12102	12	1.0	30	100	12
FRL 12202	12	2.0	30	100	12

unit:mm

FRL Corner Radius End Mills

Long Shank

Type No.	Diameter	Corner R	Flute Length	O.A.L.	Shank Dia
FRL 06054	6	0.5	15	75	6
FRL 06104	6	1.0	15	75	6
FRL 08054	8	0.5	20	100	8
FRL 08104	8	1.0	20	100	8
FRL 10054	10	0.5	25	100	10
FRL 10104	10	1.0	25	100	10
FRL 10204	10	2.0	25	100	10
FRL 12104	12	1.0	30	100	12
FRL 12204	12	2.0	30	100	12

unit:mm

FEH.FEI Square End Mills

Long Shank

Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FEH 0302	3	8	75	4
FEH 0402	4	11	75	4
FEH 0502	5	13	75	6
FEH 0602	6	16	75	6
FEH 0802	8	20	75	8
FEI 0302	3	8	100	4
FEI 0402	4	11	100	4
FEI 0502	5	13	100	6
FEI 0602	6	16	100	6
FEI 0802	8	20	100	8
FEI 1002	10	25	100	10
FEI 1202	12	30	100	12

unit:mm

FEH.FEI Square End Mills

Long Shank

Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FEH 0304	3	8	75	4
FEH 0404	4	11	75	4
FEH 0504	5	13	75	6
FEH 0604	6	16	75	6
FEH 0804	8	20	75	8
FEI 0404	4	11	100	4
FEI 0604	6	16	100	6
FEI 0804	8	20	100	8
FEI 1004	10	25	100	10
FEI 1204	12	30	100	12

unit:mm

FBH.FBI Ball Nose End Mills

Long Shank

Type No.	Diameter	Flute Length	O.A.L.	Shank Dia
FBH 0202	R1	4	75	6
FBH 0252	R1.25	5	75	6
FBH 0302	R1.5	6	75	6
FBH 0402	R2	8	75	6
FBH 0502	R2.5	10	75	6
FBH 0602	R3	12	75	6
FBH 0802	R4	16	75	8
FBI 0202	R1	4	100	6
FBI 0302	R1.5	6	100	6
FBI 0402	R2	8	100	6
FBI 0602	R3	12	100	6
FBI 0802	R4	16	100	8
FBI 1002	R5	20	100	10
FBI 1202	R6	24	100	12

unit:mm

Equipment

1.Fully Automatic 8 Axis CNC Super Precision Grinding Center from Switzerland.

Application: Complete manufacturing of small diameter carbide cutting tools in one clamping: Dia 0.2mm end mill or R0.1 ball nose end mill can be fabricated. Manufacturing of small diameter corner radius end mills.

2.Fully Automatic 7 Axis CNC Super Precision Grinding Center form Germany.

Application: Complete manufacturing of big diameter carbide end mills and ball nose end mills in one clamping.