



迪美工具
RZHX TOOLS



RZHX TOOLS
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符號說明 Guide Lines to Icons				
材質 Carbide	角落R角 Corner R	切削硬度 Work Material Hardness	其他 Other	
 超微粒 Micro Grain.	 圓鼻銑刀 END MILLS Corner Radius.	 可切削HRC 55度以內 Work Material Hardness is up to HRC 55.	 長頸短刀球型立銑刀 Best of long neck machining.	
 極細微粒 Super Micro Grain.		 可切削HRC 58度以內 Work Material Hardness is up to HRC 58.		
結晶大小 Grain Size	螺旋角 Helix Angle	 可切削HRC 60度以內 Work Material Hardness is up to HRC 60.	 長頸短刀圓鼻立銑刀 Best of long neck machining.	
 結晶 0.2 μm Average Grain Size 0.2 μm	 螺旋角 0° Helix is 0°.	 可切削HRC 62度以內 Work Material Hardness is up to HRC 62.		
 結晶 0.4 μm Average Grain Size 0.4 μm.	 螺旋角 5° Helix is 5°.	 可切削HRC 68度以內 Work Material Hardness is up to HRC 68.	 S球型立銑刀 S球型立銑刀	
 結晶 0.6 μm Average Grain Size 0.6 μm.	 螺旋角 15° Helix is 15°.	刃角邊緣 Flute Edge		
刀數 Flute	 螺旋角 25° Helix is 25°.	 偏心離隙角 Angle of Eccentric Radius Relief.		
 2 刃 Two- flute.	 螺旋角 30° Helix is 30°.			
 3 刃 Three- flute.	 螺旋角 35° Helix is 35°.	 斜角離隙角 Angle of Slant Tangent Relief.		
		齒型 Roughing		
 4 刃 Four- flute.	 螺旋角 45° Helix is 45°.	 粗齒 Big Roughing.		
 6 刃 Six- flute.	 螺旋角 55° Helix is 55°.	 細齒 Small Roughing.		

高速高硬度D系列
High Speed & High Hardness D Series

(◀HRC68)

DXB

高速高硬度专用球头立铣刀
Ball Nose End Mills for High Hardness

单位: mm

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
DXB0204	R1.0	4	50	4
DXB0206	R1.0	4	50	6
DXB0304	R1.5	6	50	4
DXB0306	R1.5	6	50	6
DXB0404	R2.0	8	50	4
DXB0406	R2.0	8	50	6
DXB050	R2.5	10	50	6
DXB060	R3.0	12	50	6
DXB080	R4.0	16	60	8
DXB100	R5.0	20	75	10
DXB120	R6.0	24	75	12

DZB

高速高硬度专用球头立铣刀
Ball Nose End Mills for High Hardness

单位: mm

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
DZB0104	R0.5	2	50	4
DZB0106	R0.5	2	50	6
DZB0154	R0.75	3	50	4
DZB0156	R0.75	3	50	6
DZB0204	R1.0	4	50	4
DZB0206	R1.0	4	50	6
DZB0254	R1.25	5	50	4
DZB0256	R1.25	5	50	6
DZB0304	R1.5	6	50	4
DZB0306	R1.5	6	50	6
DZB0404	R2.0	8	50	4
DZB0406	R2.0	8	50	6
DZB0500	R2.5	10	50	6
DZB0600	R3.0	12	50	6
DZB0800	R4.0	16	60	8
DZB1000	R5.0	20	75	10
DZB1200	R6.0	24	75	12

DZDB

高速高硬度专用球头立铣刀
Ball Nose End Mills for High Hardness

单位: mm

型号 Type No.	直径 Diameter	刃长 Flute	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
DZDB0102	R0.5	1	0.96	2.5	50	6
DZDB0152	R0.75	1.5	1.46	4	50	6
DZDB0202	R1	2	1.96	6	60	6
DZDB0252	R1.25	2.5	2.46	6	60	6
DZDB0302	R1.5	3	2.96	8	60	6
DZDB0352	R1.75	3.5	3.46	8	60	6
DZDB0402	R2	4	3.96	8	60	6
DZDB0502	R2.5	5	4.96	12	60	6
DZDB0602	R3	6	5.96	13	60	6
DZDB0802	R4	8	7.85	14	60	8
DZDB1002	R5	10	9.85	18	75	10
DZDB1202	R6	12	11.85	22	75	12

DZAB

高速高硬度专用球头立铣刀
Ball Nose End Mills for High Hardness

单位: mm

型号 Type No.	直径 Diameter	刃长 Flute	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
DZAB015	R0.75	2	1.44	5	50	4
DZAB0206	R1.0	3	1.92	6	50	6
DZAB0306	R1.5	4	2.90	8	50	6
DZAB0306H	R1.5	4	2.90	8	75	6
DZAB0404	R2	5	3.88	11	50	4
DZAB0406	R2	5	3.88	11	50	6
DZAB0406H	R2	5	3.88	11	75	6
DZAB060	R3	6	5.84	12	50	6
DZAB060I	R3	6	5.84	16	100	6
DZAB060H	R3	6	5.84	12	75	6
DZAB080	R4	8	7.8	16	60	8
DZAB080I	R4	8	7.8	25	100	8
DZAB100	R5	10	9.7	20	75	10
DZAB100I	R5	10	9.7	30	100	10

高速高硬度D系列
High Speed & High Hardness D Series

(◀HRC68)

DZHB.DZIB

长柄球头立铣刀
Ball Nose End Mills Long Shank

单位: mm

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
DZHB020	R1.0	4.0	75	6
DZHB030	R1.5	6.0	75	6
DZHB040	R2.0	8.0	75	6
DZHB050	R2.5	10.0	75	6
DZHB060	R3.0	12.0	75	6
DZHB080	R4.0	16.0	75	8
DZLB060	R3.0	9.0	100	6
DZLB080	R4.0	12.0	100	8
DZLB100	R5.0	15.0	100	10
DZLB120	R6.0	18.0	100	12

DZUB

微小径球头立铣刀
Ball Nose End Mills Micor Diameter

单位: mm

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
DZUB002	R0.1	0.4	40	4
DZUB003	R0.15	0.6	40	4
DZUB004	R0.2	0.8	40	4
DZUB005	R0.25	1.0	40	4
DZUB006	R0.3	1.2	40	4
DZUB007	R0.35	1.4	40	4
DZUB008	R0.4	1.6	40	4
DZUB010	R0.5	2	50	4
DZUB012	R0.6	2.4	50	4
DZUB015	R0.75	3	50	4
DZUB016	R0.8	3.2	50	4
DZUB020	R1.0	4	50	4

DZYB

深沟球头立铣刀
Ball Nose End Mills Long Neck

单位: mm

型号 Type No.	直径 Diameter	刃长 Flute Length	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
DZYB02005	R0.1	0.2	0.16	0.5	50	4
DZYB02010	R0.1	0.2	0.16	1.0	50	4
DZYB02015	R0.1	0.2	0.16	1.5	50	4
DZYB03010	R0.15	0.3	0.26	1.0	50	4
DZYB03020	R0.15	0.3	0.26	2.0	50	4
DZYB04010	R0.2	0.4	0.36	1.0	50	4
DZYB04020	R0.2	0.4	0.36	2.0	50	4
DZYB04030	R0.2	0.4	0.36	3.0	50	4
DZYB05020	R0.25	0.5	0.46	2.0	50	4
DZYB05040	R0.25	0.5	0.46	4.0	50	4
DZYB05060	R0.25	0.5	0.46	6.0	50	4
DZYB06020	R0.3	1.0	0.56	2.0	50	4
DZYB06040	R0.3	1.0	0.56	4.0	50	4
DZYB06060	R0.3	1.0	0.56	6.0	50	4
DZYB08040	R0.4	1.1	0.76	4.0	50	4
DZYB08060	R0.4	1.1	0.76	6.0	50	4
DZYB08080	R0.4	1.1	0.76	8.0	50	4
DZYB1006	R0.5	1.5	0.95	6.0	50	4
DZYB1008	R0.5	1.5	0.95	8.0	50	4
DZYB1010	R0.5	1.5	0.95	10.0	50	4
DZYB1012	R0.5	1.5	0.95	12.0	50	4
DZYB1208	R0.6	1.8	1.15	8.0	50	4
DZYB1210	R0.6	1.8	1.15	10.0	50	4
DZYB1212	R0.6	1.8	1.15	12.0	50	4
DZYB1506	R0.75	2.2	1.44	6.0	50	4
DZYB1508	R0.75	2.2	1.44	8.0	50	4
DZYB1510	R0.75	2.2	1.44	10.0	50	4
DZYB1512	R0.75	2.2	1.44	12.0	50	4
DZYB1516	R0.75	2.2	1.44	16.0	50	4
DZYB1520	R0.75	2.2	1.44	20.0	50	4
DZYB2008	R1.0	3	1.92	8.0	50	4
DZYB2010	R1.0	3	1.92	10.0	50	4
DZYB2012	R1.0	3	1.92	12.0	50	4
DZYB2016	R1.0	3	1.92	16.0	50	4
DZYB2020	R1.0	3	1.92	20.0	50	4
DZYB3008	R1.5	4	2.90	8.0	50	6
DZYB3010	R1.5	4	2.90	10.0	50	6
DZYB3012	R1.5	4	2.90	12.0	50	6
DZYB3016	R1.5	4	2.90	16.0	50	6
DZYB3020	R1.5	4	2.90	20.0	60	6
DZYB3025	R1.5	4	2.90	25.0	60	6
DZYB4010	R2.0	5	3.90	10.0	50	6
DZYB4012	R2.0	5	3.90	12.0	50	6
DZYB4016	R2.0	5	3.90	16.0	50	6
DZYB4020	R2.0	5	3.90	20.0	60	6
DZYB4025	R2.0	5	3.90	25.0	75	6
DZYB4030	R2.0	5	3.90	30.0	75	6

DXOR       

高速高硬度专用圆鼻立铣刀
End Mills for High Hardness

型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
DXOR0302	3	R0.2	3	2.9	10	50	6
DXOR0305	3	R0.5	3	2.9	10	50	6
DXOR0402	4	R0.2	4	3.9	12	50	6
DXOR0405	4	R0.5	4	3.9	12	50	6
DXOR0505	5	R0.5	5	4.8	15	50	6
DXOR0510	5	R1.0	5	4.8	15	50	6
DXOR0605	6	R0.5	6	5.8	18	60	6
DXOR0610	6	R1.0	6	5.8	18	60	6
DXOR0805	8	R0.5	8	7.8	24	75	8
DXOR0810	8	R1.0	8	7.8	24	75	8
DXOR1005	10	R0.5	10	9.7	30	75	10
DXOR1010	10	R1.0	10	9.7	30	75	10
DXOR1020	10	R2.0	10	9.7	30	75	10
DXOR1205	12	R0.5	12	11.7	36	75	12
DXOR1210	12	R1.0	12	11.7	36	75	12
DXOR1220	12	R2.0	12	11.7	36	75	12

单位:mm

DVR       

高速高硬度专用圆鼻立铣刀
End Mills for High Hardness

型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	全长 O.A.L.	柄径 Shank Dia.
DVR0605	6.0	R0.5	16.0	50	6
DVR0610	6.0	R1.0	16.0	50	6
DVR0805	8.0	R0.5	20.0	60	8
DVR0810	8.0	R1.0	20.0	60	8
DVR1010	10.0	R1.0	10.0	75	10
DVR1210	12.0	R1.0	12.0	75	12

单位:mm

DXDR       

高速高硬度专用圆鼻立铣刀
End Mills for High Hardness

型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	全长 O.A.L.	柄径 Shank Dia.
DXDR0305	3.0	R0.5	8	50	6
DXDR0405	4.0	R0.5	10	50	6
DXDR0505	5.0	R0.5	13	50	6
DXDR0510	5.0	R1.0	13	50	6
DXDR0605	6.0	R0.5	16	50	6
DXDR0610	6.0	R1.0	16	50	6
DXDR0805	8.0	R0.5	20	60	8
DXDR0810	8.0	R1.0	20	60	8
DXDR1005	10.0	R0.5	25	75	10
DXDR1010	10.0	R1.0	25	75	10
DXDR1020	10.0	R2.0	25	75	10
DXDR1210	12.0	R1.0	30	75	12
DXDR1220	12.0	R2.0	30	75	12
DXDR1230	12.0	R3.0	30	75	12

单位:mm

DZYR       

高速专用深沟圆鼻立铣刀
End Mills Long Neck .Corner Radius for High Speed

型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
DZYR0402S	0.4	R0.1	0.6	0.37	2	50	4
DZYR0404S	0.4	R0.1	0.6	0.37	4	50	4
DZYR0502S	0.5	R0.1	0.7	0.46	2	50	4
DZYR0504S	0.5	R0.1	0.7	0.46	4	50	4
DZYR0604S	0.6	R0.1	0.9	0.56	4	50	4
DZYR0606S	0.6	R0.1	0.9	0.56	6	50	4
DZYR0704S	0.7	R0.1	1.0	0.66	4	50	4
DZYR0706S	0.7	R0.1	1.0	0.66	6	50	4
DZYR0804S	0.8	R0.1	1.2	0.76	4	50	4
DZYR0806S	0.8	R0.1	1.2	0.76	6	50	4
DZYR0904S	0.9	R0.1	1.4	0.86	4	50	4
DZYR0906S	0.9	R0.1	1.4	0.86	4	50	4
DZYR1004S	1.0	R0.1	1.5	0.95	6	50	4
DZYR1006S	1.0	R0.1	1.5	0.95	6	50	4
DZYR1008S	1.0	R0.1	1.5	0.95	8	50	4
DZYR1010S	1.0	R0.1	1.5	0.95	10	50	4
DZYR1012S	1.0	R0.1	1.5	0.95	12	50	4
DZYR1004	1.0	R0.2	1.5	0.95	4	50	4
DZYR1006	1.0	R0.2	1.5	0.95	6	50	4
DZYR1008	1.0	R0.2	1.5	0.95	8	50	4
DZYR1010	1.0	R0.2	1.5	0.95	10	50	4
DZYR1012	1.0	R0.2	1.5	0.95	12	50	4
DZYR1508	1.5	R0.2	2.0	1.44	8	50	4
DZYR1510	1.5	R0.2	2.0	1.44	10	50	4
DZYR1512	1.5	R0.2	2.0	1.44	12	50	4
DZYR1516	1.5	R0.2	2.0	1.44	16	50	4
DZYR2008	2.0	R0.2	3.0	1.92	8	50	4
DZYR2010	2.0	R0.2	3.0	1.92	10	50	4
DZYR2012	2.0	R0.2	3.0	1.92	12	50	4
DZYR2016	2.0	R0.2	3.0	1.92	16	50	4
DZYR2020	2.0	R0.2	3.0	1.92	20	50	4
DZYR2510	2.5	R0.2	3.0	2.40	10	50	4
DZYR2512	2.5	R0.2	3.0	2.40	12	50	4
DZYR2516	2.5	R0.2	3.0	2.40	16	50	4
DZYR2520	2.5	R0.2	3.0	2.40	20	50	4
DZYR3010	3.0	R0.2	4.0	2.90	10	50	6
DZYR3012	3.0	R0.2	4.0	2.90	12	50	6
DZYR3016	3.0	R0.2	4.0	2.90	16	50	6
DZYR3020	3.0	R0.2	4.0	2.90	20	60	6
DZYR3025	3.0	R0.2	4.0	2.90	25	60	6

单位:mm

DXR       

高速高硬度专用圆鼻立铣刀
End Mills for High Hardness

型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	全长 O.A.L.	柄径 Shank Dia.
DXR03005	3.0	R0.5	8	50	6
DXR04005	4.0	R0.5	10	50	6
DXR05005	5.0	R0.5	13	50	6
DXR05010	5.0	R1.0	13	50	6
DXR06005	6.0	R0.5	16	50	6
DXR06010	6.0	R1.0	16	50	6
DXR08005	8.0	R0.5	20	60	8
DXR08010	8.0	R1.0	20	60	8
DXR10005	10.0	R0.5	25	75	10
DXR10010	10.0	R1.0	25	75	10
DXR10020	10.0	R2.0	25	75	10
DXR12010	12.0	R1.0	30	75	12
DXR12020	12.0	R2.0	30	75	12
DXR12030	12.0	R3.0	30	75	12

单位:mm

DXAB       

高速高硬度专用圆鼻立铣刀
End Mills for High Hardness

型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
DXAB0405	4.0	R0.5	1.8	3.6	10	50	6
DXAB0405H	4.0	R0.5	1.8	3.6	10	75	6
DXAB0410	4.0	R1.0	1.8	3.6	10	50	6
DXAB0410H	4.0	R1.0	1.8	3.6	10	75	6
DXAB0610	6.0	R1.0	2.7	5.5	13	50	6
DXAB0610H	6.0	R1.0	2.7	5.5	13	75	6
DXAB0615	6.0	R1.5	2.7	5.5	13	50	6
DXAB0615H	6.0	R1.5	2.7	5.5	13	75	6
DXAB0810	8.0	R1.0	3.7	7.3	16	60	8
DXAB0810I	8.0	R1.0	3.7	7.3	16	100	8
DXAB0820	8.0	R2.0	3.5	7.3	16	60	8
DXAB0820I	8.0	R2.0	3.5	7.3	16	100	8
DXAB1010	10.0	R1.0	4	9.1	20	75	10
DXAB1010I	10.0	R1.0	4	9.1	20	100	10
DXAB1020	10.0	R2.0	4	9.1	20	75	10
DXAB1020I	10.0	R2.0	4	9.1	20	100	10

单位:mm

DXE       

高速高硬度专用立铣刀
End Mills for High Hardness

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
DXE010	1	3	50	4
DXE015	1.5	4	50	4
DXE020	2	6	50	4
DXE025	2.5	7	50	4
DXE030	3	5	50	4
DXE0303	3	8	50	3
DXE040	4	10.5	50	4
DXE050	5	12.5	50	6
DXE060	6	15	50	6
DXE080	8	20	60	8
DXE100	10	25	75	10
DXE120	12	30	75	12

单位:mm

MXR       

高速高硬度专用圆鼻立铣刀
End Mills for High Hardness

型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	全长 O.A.L.	柄径 Shank Dia.
MXR01502	1.5	R0.2	4	50	4
MXR02002	2.0	R0.2	6	50	4
MXR02003	2.0	R0.3	6	50	4
MXR02005	2.0	R0.5	6	50	4
MXR030023	3.0	R0.2	8	50	3
MXR03003	3.0	R0.3	8	50	4
MXR030033	3.0	R0.3	8	50	3
MXR03005	3.0	R0.5	8	50	4
MXR030053	3.0	R0.5	8	50	3
MXR04002	4.0	R0.2	10.5	50	4
MXR04003	4.0	R0.3	10.5	50	4
MXR04005	4.0	R0.5	10.5	50	4
MXR040056	4.0	R0.5	10.5	50	6
MXR04010	4.0	R1.0	10.5	50	4
MXR040106	4.0	R1.0	10.5	50	6
MXR05002	5.0	R0.2	13	50	6
MXR05005	5.0	R0.5	13	50	6
MXR05010	5.0	R1.0	13	50	6
MXR06002	6.0	R0.2	16	50	6
MXR06003	6.0	R0.3	16	50	6
MXR06005	6.0	R0.5	16	50	6
MXR06010	6.0	R1.0	16	50	6
MXR08002	8.0	R0.2	20	60	8
MXR08003	8.0	R0.3	20	60	8
MXR08005	8.0	R0.5	20	60	8
MXR08010	8.0	R1.0	20	60	8
MXR10005	10.0	R0.5	25	75	10
MXR10010	10.0	R1.0	25	75	10
MXR10015	10.0	R1.5	25	75	10
MXR10020	10.0	R2.0	25	75	10
MXR10030	10.0	R3.0	25	75	10
MXR12010	12.0	R1.0	30	75	12
MXR12020	12.0	R2.0	30	75	12

单位:mm

MZYB      

高速专用深沟球头立铣刀
Ball Nose End Mills Long Neck for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
MZYB0502	R0.25	1	0.46	2	50	4
MZYB0504	R0.25	1	0.46	4	50	4
MZYB0506	R0.25	1	0.46	6	50	4
MZYB0604	R0.3	1.2	0.56	4	50	4
MZYB0606	R0.3	1.2	0.56	6	50	4
MZYB0806	R0.4	1.2	0.76	6	50	4
MZYB0808	R0.4	1.2	0.76	8	50	4
MZYB1004	R0.5	1.5	0.95	4	50	4
MZYB1006	R0.5	1.5	0.95	6	50	4
MZYB1008	R0.5	1.5	0.95	8	50	4
MZYB1010	R0.5	1.5	0.95	10	50	4
MZYB1012	R0.5	1.5	0.95	12	50	4
MZYB1208	R0.6	2	1.15	8	50	4
MZYB1210	R0.6	2	1.15	10	50	4
MZYB1212	R0.6	2	1.15	12	50	4
MZYB1508	R0.75	2	1.45	8	50	4
MZYB1510	R0.75	2	1.45	10	50	4
MZYB1512	R0.75	2	1.45	12	50	4
MZYB1516	R0.75	2	1.45	16	50	4
MZYB1520	R0.75	2	1.45	20	50	4
MZYB1608	R0.8	2.5	1.54	8	50	4
MZYB1610	R0.8	2.5	1.54	10	50	4
MZYB1612	R0.8	2.5	1.54	12	50	4
MZYB1616	R0.8	2.5	1.54	16	50	4
MZYB2006	R1.0	3	1.92	6	50	4
MZYB2008	R1.0	3	1.92	8	50	4
MZYB2010	R1.0	3	1.92	10	50	4
MZYB2012	R1.0	3	1.92	12	50	4
MZYB2016	R1.0	3	1.92	16	50	4
MZYB2020	R1.0	3	1.92	20	50	4
MZYB3008	R1.5	4	2.90	8	50	6
MZYB3010	R1.5	4	2.90	10	50	6
MZYB3016	R1.5	4	2.90	16	50	6
MZYB3020	R1.5	4	2.90	20	60	6
MZYB3025	R1.5	4	2.90	25	60	6
MZYB4010	R2.0	5	3.9	10	50	6
MZYB4012	R2.0	5	3.9	12	50	6
MZYB4016	R2.0	5	3.9	16	60	6
MZYB4020	R2.0	5	3.9	20	60	6
MZYB4025	R2.0	5	3.9	25	75	6
MZYB4030	R2.0	5	3.9	30	75	6

单位:mm

MXHB.MXIB      

高速专用长柄球头立铣刀
Ball Nose End Mills Long Shank for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MXHB030	R1.5	6	75	3
MXHB040	R2.0	8	75	4
MXHB060	R3.0	12	75	6
MXHB080	R4.0	16	75	8
MXLB060	R3.0	12	100	6
MXLB080	R4.0	16	100	8
MXLB100	R5.0	20	100	10
MXLB120	R6.0	24	100	12

单位:mm

MZPB      

高速专用高钢性球头立铣刀
Ball Nose End Mills Strong Power for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.	斜角 Taper Angle
MZPB0203	R1.0	4.0	75	6	3.0°
MZPB0205	R1.0	4.0	75	6	5.0°
MZPB0315	R1.5	6.0	100	6	1.5°
MZPB0303	R1.5	6.0	75	6	3.0°
MZPB0305	R1.5	6.0	75	6	5.0°
MZPB0415	R2.0	8.0	100	6	1.5°
MZPB0403	R2.0	8.0	100	6	3.0°
MZPB0405	R2.0	8.0	75	6	5.0°
MZPB0615	R3.0	12.0	100	8	1.5°
MZPB0603	R3.0	12.0	75	8	3.0°
MZPB0605	R3.0	12.0	100	8	5.0°
MZPB0603B	R3.0	12.0	100	10	3.0°
MZPB0505B	R3.0	12.0	100	10	5.0°

单位:mm

MZUB      

高速专用微小径球头立铣刀
Ball Nose End Mills Micor Diameter for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MZUB0024	R0.1	0.4	50	4
MZUB0034	R0.15	0.6	50	4
MZUB0033	R0.15	0.6	50	3
MZUB0044	R0.2	0.8	50	4
MZUB0043	R0.2	0.8	50	3
MZUB0054	R0.25	1.0	50	4
MZUB0053	R0.25	1.0	50	3
MZUB0064	R0.3	1.2	50	4
MZUB0063	R0.3	1.2	50	3
MZUB0074	R0.35	1.4	50	4
MZUB0084	R0.4	1.6	50	4
MZUB0083	R0.4	1.6	50	3
MZUB0104	R0.5	2.0	50	4
MZUB0103	R0.5	2.0	50	3
MZUB0124	R0.6	2.4	50	4
MZUB0134	R0.65	2.6	50	4
MZUB0144	R0.7	2.8	50	4
MZUB0154	R0.75	3.0	50	4
MZUB0153	R0.75	3.0	50	3
MZUB0164	R0.8	3.2	50	4
MZUB0184	R0.9	3.6	50	4

单位:mm

MZHB.MZIB.MZJB       

高速长柄专用球头立铣刀
Ball Nose End Mills Long Shank for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MZHB0204	R1.0	4	75	4
MZHB0206	R1.0	4	75	6
MZHB0254	R1.25	5	75	4
MZHB0256	R1.25	5	75	6
MZHB0303	R1.5	6	75	3
MZHB0304	R1.5	6	75	4
MZHB0306	R1.5	6	75	6
MZHB0404	R2.0	8	75	4
MZHB0406	R2.0	8	75	6
MZHB050	R2.5	10	75	6
MZHB060	R3.0	12	75	6
MZHB080	R4.0	16	75	8
MZIB0206	R1.0	4	100	6
MZIB0306	R1.5	6	100	6
MZIB0404	R2.0	8	100	4
MZIB0406	R2.0	8	100	6
MZIB060	R3.0	12	100	6
MZIB080	R4.0	16	100	8
MZIB100	R5.0	20	100	10
MZIB120	R6.0	24	100	12
MZJB080	R4.0	16	150	8
MZJB100	R5.0	20	150	10
MZJB120	R6.0	24	150	12

单位:mm

MXOR       

高速高硬度专用圆鼻立铣刀
End Mills for High Hardness



型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
MXOR0305	3.0	R0.5	6	2.9	12	50	4
MXOR0403	4.0	R0.3	6	3.9	12	50	6
MXOR0405	4.0	R0.5	6	3.9	12	50	6
MXOR0603	6.0	R0.3	8	5.84	18	50	6
MXOR0605	6.0	R0.5	8	5.84	18	50	6
MXOR0605H	6.0	R0.5	6	5.84	18	75	6
MXOR0610	6.0	R1.0	8	5.84	18	50	6
MXOR0610H	6.0	R1.0	6	5.84	18	75	6
MXOR0803	8.0	R0.3	10	7.76	24	60	8
MXOR0805	8.0	R0.5	10	7.76	24	60	8
MXOR0805H	8.0	R0.5	8	7.76	24	75	8
MXOR0810	8.0	R1.0	10	7.76	24	60	8
MXOR0810H	8.0	R1.0	8	7.76	24	75	8
MXOR1005	10.0	R0.5	12	9.68	30	75	10
MXOR1005H	10.0	R0.5	10	9.68	30	100	10
MXOR1010	10.0	R1.0	12	9.68	30	75	10
MXOR1010H	10.0	R1.0	10	9.68	30	100	10
MXOR1020	10.0	R2.0	12	9.68	30	75	10

单位: mm

MXLR       

高速专用长柄圆鼻立铣刀
End Mills Long Shank Corner Radius for High Speed



型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
MXLR0605	6.0	R0.5	6.0	5.8	18	75	6
MXLR0610	6.0	R1.0	6.0	5.8	18	75	6
MXLR0805	8.0	R0.5	8.0	7.7	24	100	8
MXLR0810	8.0	R1.0	8.0	7.7	24	100	8
MXLR1005	10.0	R0.5	10.0	9.6	30	100	10
MXLR1010	10.0	R1.0	10.0	9.6	30	100	10
MXLR1020	10.0	R2.0	10.0	9.6	30	100	10
MXLR1205	12.0	R0.5	12.0	11.5	36	100	12
MXLR1210	12.0	R1.0	12.0	11.5	36	100	12
MXLR1220	12.0	R2.0	12.0	11.5	36	100	12
MXLR1605	16.0	R0.5	16.0	15.5	40	150	16
MXLR1610	16.0	R1.0	16.0	15.5	40	150	16

单位: mm

MXHR.MXIR       

高速专用长柄圆鼻立铣刀
End Mills Long Shank Corner Radius for High Speed



型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	全长 O.A.L.	柄径 Shank Dia.
MXHR0405	4.0	R0.5	10.5	75	4
MXHR0410	4.0	R1.0	10.5	75	4
MXHR0605	6.0	R0.5	16	75	6
MXHR0610	6.0	R1.0	16	75	6
MXHR0805	8.0	R0.5	20	75	8
MXHR0810	8.0	R1.0	20	75	8
MXIR0605	6.0	R0.5	16	100	6
MXIR0805	8.0	R0.5	20	100	8
MXIR0810	8.0	R1.0	20	100	8
MXIR1005	10.0	R0.5	25	100	10
MXIR1010	10.0	R1.0	25	100	10
MXIR1020	10.0	R2.0	25	100	10
MXIR1210	12.0	R1.0	30	100	12
MXIR1220	12.0	R2.0	30	100	12

单位: mm

MXE      

高速专用立铣刀
End Mills for High Speed



型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MXE010	1.0	3	50	4
MXE0103	1.0	3	50	3
MXE015	1.5	4	50	4
MXE0153	1.5	4	50	3
MXE020	2.0	6	50	4
MXE0203	2.0	6	50	3
MXE025	2.5	8	50	4
MXE030	3.0	8	50	4
MXE0303	3.0	8	50	3
MXE040	4.0	11	50	4
MXE0406	4.0	11	50	6
MXE050	5.0	13	50	6
MXE0505	5.0	13	50	5
MXE060	6.0	16	50	6
MXE070	7.0	20	60	8
MXE080	8.0	20	60	8
MXE100	10.0	25	75	10
MXE120	12.0	30	75	12
MXE160	16.0	40	100	16

单位: mm

MZR       

高速专用圆鼻立铣刀
End Mills Corner Radius for High Speed



型号 Type No.	直径 Diameter	R角 Corner R	刃长 Flute	全长 O.A.L.	柄径 Shank Dia.
MZR00501	0.5	R0.1	1.5	50	4
MZR01002	1.0	R0.2	3	50	4
MZR01501	1.5	R0.1	4	50	4
MZR01502	1.5	R0.2	4	50	4
MZR01505	1.5	R0.5	4	50	4
MZR02002	2.0	R0.2	6	50	4
MZR02003	2.0	R0.3	6	50	4
MZR02005	2.0	R0.5	6	50	4
MZR02502	2.5	R0.2	8	50	4
MZR02505	2.5	R0.5	8	50	4
MZR03002	3.0	R0.2	8	50	4
MZR03003	3.0	R0.3	8	50	4
MZR030033	3.0	R0.3	8	50	3
MZR03005	3.0	R0.5	8	50	4
MZR030053	3.0	R0.5	8	50	3
MZR03010	3.0	R1.0	8	50	4
MZR030103	3.0	R1.0	8	50	3
MZR04002	4.0	R0.2	11	50	4
MZR04003	4.0	R0.3	11	50	4
MZR04005	4.0	R0.5	11	50	4
MZR04010	4.0	R1.0	11	50	4
MZR05002	5.0	R0.2	13	50	6
MZR05005	5.0	R0.5	13	50	6
MZR05010	5.0	R1.0	13	50	6
MZR06002	6.0	R0.2	16	50	6
MZR06003	6.0	R0.3	16	50	6
MZR06005	6.0	R0.5	16	50	6
MZR06010	6.0	R1.0	16	50	6
MZR08003	8.0	R0.3	20	60	8
MZR08005	8.0	R0.5	20	60	8
MZR08010	8.0	R1.0	20	60	8
MZR10005	10.0	R0.5	25	75	10
MZR10010	10.0	R1.0	25	75	10
MZR10020	10.0	R2.0	25	75	10

单位: mm

MXDE      

高速专用立铣刀
End Mills for High Speed



型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MXDE010	1.0	3	50	4
MXDE015	1.5	4	50	4
MXDE020	2.0	6	50	4
MXDE0206	2.0	6	50	6
MXDE025	2.5	8	50	4
MXDE0256	2.5	8	50	6
MXDE030	3.0	8	50	4
MXDE0303	3.0	8	50	3
MXDE0306	3.0	8	50	6
MXDE035	3.5	10	50	6
MXDE040	4.0	11	50	4
MXDE0406	4.0	11	50	6
MXDE050	5.0	13	50	6
MXDE060	6.0	16	50	6
MXDE080	8.0	20	60	8
MXDE100	10.0	25	75	10
MXDE120	12.0	30	75	12

单位: mm

MZUE      

高速专用微小径立铣刀
End Mills Micro Diameter for High Speed



型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MZUE002	0.2	0.4	50	4
MZUE003	0.3	0.6	50	4
MZUE004	0.4	0.8	50	4
MZUE005	0.5	1.0	50	4
MZUE006	0.6	1.2	50	4
MZUE007	0.7	1.4	50	4
MZUE008	0.8	1.6	50	4
MZUE009	0.9	1.8	50	4
MZUE010	1.0	2.5	50	4
MZUE012	1.2	3.0	50	4
MZUE014	1.4	3.5	50	4
MZUE015	1.5	4.0	50	4
MZUE016	1.6	4.0	50	4
MZUE018	1.8	5.0	50	4

单位: mm

MXYE      

高速专用长颈立铣刀
End Mills Long Neck for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
MXYE1006	1.0	1.5	0.95	6	50	4
MXYE1008	1.0	1.5	0.95	8	50	4
MXYE1010	1.0	1.5	0.95	10	50	4
MXYE1012	1.0	1.5	0.95	12	50	4
MXYE1508	1.5	2	1.44	8	50	4
MXYE1510	1.5	2	1.44	10	50	4
MXYE1512	1.5	2	1.44	12	50	4
MXYE1516	1.5	2	1.44	16	50	4
MXYE2008	2.0	3	1.92	8	50	4
MXYE2010	2.0	3	1.92	10	50	4
MXYE2012	2.0	3	1.92	12	50	4
MXYE2016	2.0	3	1.92	16	50	4
MXYE2020	2.0	3	1.92	20	50	4
MXYE2510	2.5	3	2.42	10	50	4
MXYE2512	2.5	3	2.42	12	50	4
MXYE2516	2.5	3	2.42	16	50	4
MXYE2520	2.5	3	2.42	20	50	4
MXYE3010	3.0	4	2.90	10	50	6
MXYE3012	3.0	4	2.90	12	50	6
MXYE3016	3.0	4	2.90	16	50	6
MXYE3020	3.0	4	2.90	20	60	6
MXYE3025	3.0	4	2.90	25	60	6

单位:mm

MZE      

高速专用立铣刀
End Mills for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MZE010	1.0	3	50	4
MZE0103	1.0	3	50	3
MZE0106	1.0	3	50	6
MZE015	1.5	4	50	4
MZE0153	1.5	4	50	3
MZE0156	1.5	4	50	6
MZE020	2.0	6	50	4
MZE0203	2.0	6	50	3
MZE0206	2.0	6	50	6
MZE025	2.5	8	50	4
MZE0256	2.5	8	50	6
MZE030	3.0	8	50	4
MZE0303	3.0	8	50	3
MZE0306	3.0	8	50	6
MZE040	4.0	11	50	4
MZE0406	4.0	11	50	6
MZE050	5.0	13	50	6
MZE060	6.0	16	50	6
MZE080	8.0	20	60	8
MZE100	10.0	25	75	10

单位:mm

MZIE.MZIE.MZJE      

高速专用长柄立铣刀
End Mills Long Shank for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MZHE030	3.0	8	75	3
MZHE040	4.0	11	75	4
MZHE050	5.0	13	75	6
MZHE060	6.0	16	75	6
MZHE080	8.0	20	75	8
MZIE040	4.0	11	100	4
MZIE050	5.0	13	100	6
MZIE060	6.0	16	100	6
MZIE080	8.0	20	100	8
MZIE100	10.0	25	100	10
MZIE120	12.0	30	100	12
MZJE080	8.0	20	150	8
MZJE100	10.0	25	150	10
MZJE120	12.0	30	150	12

单位:mm

MXIDE.MXJDE      

高速专用长柄立铣刀
End Mills Long Neck for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
MXIDE060	6.0	16	5.8	40	100	6
MXIDE080	8.0	20	7.7	50	100	8
MXIDE100	10.0	25	9.6	50	100	10
MXIDE120	12.0	30	11.5	50	100	12
MXJDE060	6.0	16	5.8	40	150	6
MXJDE080	8.0	20	7.7	50	150	8
MXJDE100	10.0	25	9.6	50	150	10
MXJDE120	12.0	20	11.5	50	150	12

单位:mm

MZYE      

高速专用长颈立铣刀
End Mills Long Neck for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
MZYE1006	1.0	1.5	0.95	6	50	4
MZYE1008	1.0	1.5	0.95	8	50	4
MZYE1010	1.0	1.5	0.95	10	50	4
MZYE1012	1.0	1.5	0.95	12	50	4
MZYE1508	1.5	2	1.44	8	50	4
MZYE1510	1.5	2	1.44	10	50	4
MZYE1512	1.5	2	1.44	12	50	4
MZYE1516	1.5	2	1.44	16	50	4
MZYE2006	2.0	3	1.92	6	50	4
MZYE2008	2.0	3	1.92	8	50	4
MZYE2010	2.0	3	1.92	10	50	4
MZYE2012	2.0	3	1.92	12	50	4
MZYE2016	2.0	3	1.92	16	50	4
MZYE2020	2.0	3	1.92	20	50	4
MZYE2510	2.5	3	2.42	10	50	4
MZYE2512	2.5	3	2.42	12	50	4
MZYE2516	2.5	3	2.42	16	50	4
MZYE2520	2.5	3	2.42	20	50	4
MZYE3010	3.0	4	2.90	10	50	6
MZYE3012	3.0	4	2.90	12	50	6
MZYE3016	3.0	4	2.90	16	50	6
MZYE3020	3.0	4	2.90	20	60	6
MZYE3025	3.0	4	2.90	25	60	6

单位:mm

MXIE.MXJE.MXJE      

高速专用长柄立铣刀
End Mills Long Shank for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MXHE030	3.0	8	75	3
MXHE040	4.0	11	75	4
MXHE050	5.0	13	75	6
MXHE060	6.0	16	75	6
MXHE080	8.0	20	75	8
MXIE040	4.0	11	100	4
MXIE050	5.0	13	100	6
MXIE060	6.0	16	100	6
MXIE080	8.0	20	100	8
MXIE100	10.0	25	100	10
MXIE120	12.0	30	100	12
MXJE080	8.0	20	150	8
MXJE100	10.0	25	150	10
MXJE120	12.0	30	150	12

单位:mm

MXFE      

高速专用长柄长刃立铣刀
End Mills Long Shank for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MXFE030	3.0	20	60	4
MXFE040	4.0	25	75	4
MXFE050	5.0	30	75	6
MXFE060	6.0	30	75	6
MXFE080	8.0	40	100	8
MXFE100	10.0	40	100	10
MXFE120	12.0	45	100	12
MXFE160	16.0	60	150	16
MXFE200	20.0	60	150	20

单位:mm

MZFE      

高速专用长柄长刃立铣刀
End Mills Long Shank for High Speed

型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
MZFE020	2.0	12	50	4
MZFE030	3.0	20	60	4
MZFE040	4.0	25	75	4
MZFE050	5.0	30	75	6
MZFE060	6.0	30	75	6
MZFE080	8.0	40	100	8
MZFE100	10.0	40	100	10

单位:mm

标准系列 (◀HRC55)
Standard Series

DMP2B

二刃球头立铣刀
End Mills

0.4 μm

30°

2 Flutes

D ≤ 12
0 ~ -0.020
12 < D
0 ~ -0.030

R ± 0.01

球形槽加工
Spheres slotting

轮廓加工
Contour milling

仿形加工
Copying

型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
DMP2B0102F	R0.5	2	50	4
DMP2B01503F	R0.75	3	50	4
DMP2B0204F	R1.0	4	50	4
DMP2B0306F	R1.5	6	50	4
DMP2B0408F	R2.0	8	50	4
DMP2B0510	R2.5	10	50	6
DMP2B0612	R3.0	12	50	6
DMP2B0816	R4.0	16	60	8
DMP2B1020	R5.0	20	75	10
DMP2B1224	R6.0	24	75	12
DMP2B1428	R7.0	28	75	14
DMP2B1632	R8.0	32	100	16
DMP2B2040	R10.0	40	100	20

DMP2BL

二刃长柄球头立铣刀
Long Shank End Mills

0.4 μm

30°

2 Flutes

尖角保护

D ≤ 12
0 ~ -0.020
12 < D
0 ~ -0.030

直角槽加工
Slotting

侧面加工
Side milling

台阶加工
Stair milling

型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
DMP2BL0204	R1.0	4	75	6
DMP2BL0306	R1.5	6	75	6
DMP2BL0408	R2.0	8	75	6
DMP2BL0510	R2.5	10	75	6
DMP2BL0612	R3.0	12	75	6
DMP2BL0816	R4.0	16	100	8
DMP2BL1020	R5.0	20	100	10
DMP2BL1224	R6.0	24	100	12
DMP2BL1428	R7.0	28	100	14
DMP2BL1632	R8.0	32	150	16

被加工材料使用表
Material Table

商品记号 Abbreviation	被加工材料 WORK MATERIAL	炭素钢 Carbon Steels	预硬钢 Prehardened Steels	淬硬钢 Hardened Steels	不锈钢 Stainless Steels	铸铁 Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
		合金钢 Alloy Steels	合金钢 Alloy Steels	合金钢 Alloy Steels	合金钢 Alloy Steels	球墨铸铁 Ductile Cast Iron				
DMP2B/DMP2BL		~35HRC	~40HRC ~50HRC ~55HRC ~68HRC		~35HRC	~350HB				

DMP2B/DMP2BL切削参数
DMP2B/DMP2BL Cutting Specifications

被加工材料 Materials	铸铁, 碳素钢, 合金钢 Cast Iron, Carbon Steels, Alloy Steels ~30HRC		不锈钢 Stainless Steels		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~40HRC		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~50HRC		淬硬钢 Hardened Steels ~55HRC	
	直径 Diameter (mm)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)
	R0.5	48000	1060	26760	260	38400	420	30000	360	26736
	R1.0	28800	1190	13380	300	19200	530	15600	360	13368
	R1.5	18600	1270	8880	390	12720	600	10200	370	8916
	R2.0	13800	1270	6660	490	9600	730	7800	500	6684
	R2.5	11400	1400	5430	490	7680	730	6000	500	5346
	R3.0	9600	1400	4440	520	6360	770	5040	520	4458
	R4.0	7200	1730	3300	610	4800	940	3840	590	3342
	R5.0	5760	1600	2640	570	3840	860	3000	590	2676
	R6.0	4800	1460	2220	570	3180	810	2520	560	2226
	R8.0	3600	1400	1620	500	2400	800	1920	500	1674
	R10.0	2880	1270	1320	490	1920	740	1500	440	1338

标准系列 (◀HRC55)
Standard Series

DMP2EL

二刃长刃立铣刀
Long Shank End Mills

0.4 μm

30°

2 Flutes

尖角保护

D ≤ 12
0 ~ -0.020
12 < D
0 ~ -0.030

直角槽加工
Slotting

侧面加工
Side milling

台阶加工
Stair milling

型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
DMP2EL0620	6.0	20	75	6.0
DMP2EL0825	8.0	25	100	8.0
DMP2EL1030	10.0	30	100	10.0
DMP2EL1235	12.0	35	100	12.0
DMP2EL1650	16.0	50	150	16.0
DMP2EL2055	20.0	55	150	20.0

DMP4EL

四刃长刃立铣刀
Long Shank End Mills

0.4 μm

30°

4 Flutes

尖角保护

D ≤ 12
0 ~ -0.020
12 < D
0 ~ -0.030

直角槽加工
Slotting

侧面加工
Side milling

台阶加工
Stair milling

型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
DMP4EL0312	3.0	12	75	6.0
DMP4EL0415	4.0	15	75	6.0
DMP4EL0520	5.0	20	75	6.0
DMP4EL0620	6.0	20	75	6.0
DMP4EL0825	8.0	25	100	8.0
DMP4EL1030	10.0	30	100	10.0
DMP4EL1235	12.0	35	100	12.0
DMP4EL1650	16.0	50	150	16.0
DMP4EL2055	20.0	55	150	20.0

被加工材料使用表
Material Table

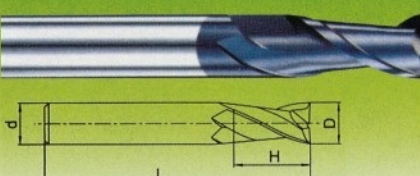
商品记号 Abbreviation	被加工材料 WORK MATERIAL	炭素钢 Carbon Steels	预硬钢 Prehardened Steels	淬硬钢 Hardened Steels	不锈钢 Stainless Steels	铸铁 Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
		合金钢 Alloy Steels	合金钢 Alloy Steels	合金钢 Alloy Steels	合金钢 Alloy Steels	球墨铸铁 Ductile Cast Iron				
DMP2EL/DMP4EL		~35HRC	~40HRC ~50HRC ~55HRC ~68HRC		~35HRC	~350HB				

DMP2EL/DMP4EL切削参数
DMP2EL/DMP4EL Cutting Specifications

被加工材料 Materials	铸铁, 碳素钢, 合金钢 Cast Iron, Carbon Steels, Alloy Steels ~30HRC		不锈钢 Stainless Steels		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~40HRC		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~50HRC		淬硬钢 Hardened Steels ~55HRC	
	直径 Diameter (mm)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)
	1	24000	330	24000	120	24000	260	24000	200	24000
	2	18000	530	13380	130	18000	460	15600	300	13368
	3	16800	900	9000	160	12720	690	10200	540	8916
	4	12960	920	6600	170	9600	710	7800	560	6684
	5	9840	960	5400	170	7680	740	600	580	5352
	6	8400	990	4440	180	6360	760	5040	590	4452
	8	6240	980	3360	180	4800	750	3840	610	3342
	10	5040	960	2640	180	3840	740	3000	580	2676
	12	4200	960	2220	180	3180	740	2520	580	2226
	14	3600	900	1920	170	2760	690	2160	540	1908
	16	3120	900	1680	160	2400	690	1920	540	1668
	18	2760	890	1500	140	2160	680	1680	530	1488
	20	2460	890	1320	140	1920	680	1500	530	1338

标准系列 (◀HRC55) Standard Series

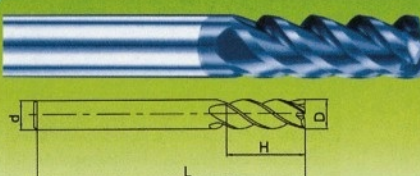
DMP2E
二刃立铣刀
End Mills



0.4 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DMP2E0103F	1.0	3	50	4
	DMP2E01504F	1.5	4	50	4
	DMP2E0206F	2.0	6	50	4
	DMP2E02508F	2.5	8	50	4
	DMP2E0308F	3.0	8	50	4
	DMP2E0411F	4.0	11	50	4
	DMP2E0308	3.0	8	50	6
	DMP2E03511	3.5	11	50	6
	DMP2E0411	4.0	11	50	6
	DMP2E04511	4.5	11	50	6
	DMP2E0513	5.0	13	50	6
	DMP2E05516	5.5	16	50	6
	DMP2E0616	6.0	16	50	6
	DMP2E06516	6.5	16	50	8
	DMP2E0720	7.0	20	60	8
	DMP2E0820	8.0	20	60	8
	DMP2E0922	9.0	22	60	10
	DMP2E1025	10.0	25	75	10
	DMP2E1126	11.0	26	75	12
	DMP2E1230	12.0	30	75	12
	DMP2E1432	14.0	32	75	16
	DMP2E1645	16.0	45	100	16
	DMP2E1845	18.0	45	100	20
	DMP2E2045	20.0	45	100	20

0.4 μm
35°
2 Flutes
尖角保护
D ≤ 12
0 ~ -0.020
12 < D
0 ~ -0.030
直角槽加工
Slotting
侧面加工
Side milling
台阶加工
Stair milling

DMP4E
四刃立铣刀
End Mills



0.4 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DMP4E0103F	1.0	3	50	4
	DMP4E01504F	1.5	4	50	4
	DMP4E0206F	2.0	6	50	4
	DMP4E02508F	2.5	8	50	4
	DMP4E0308F	3.0	8	50	4
	DMP4E0411F	4.0	11	50	4
	DMP4E0308	3.0	8	50	6
	DMP4E03511	3.5	11	50	6
	DMP4E0411	4.0	11	50	6
	DMP4E04511	4.5	11	50	6
	DMP4E0513	5.0	13	50	6
	DMP4E05516	5.5	16	50	6
	DMP4E0616	6.0	16	50	6
	DMP4E06516	6.5	16	50	8
	DMP4E0720	7.0	20	60	8
	DMP4E07520	7.5	20	60	8
	DMP4E0820	8.0	20	60	8
	DMP4E08520	8.5	20	75	10
	DMP4E0922	9.0	22	60	10
	DMP4E1025	10.0	25	75	10
	DMP4E1126	11.0	26	75	12
	DMP4E1230	12.0	30	75	12
	DMP4E1432	14.0	32	75	16
	DMP4E1645	16.0	45	100	16
	DMP4E1845	18.0	45	100	20
	DMP4E2045	20.0	45	100	20

0.4 μm
45°
4 Flutes
尖角保护
D ≤ 12
0 ~ -0.020
12 < D
0 ~ -0.030
直角槽加工
Slotting
侧面加工
Side milling
台阶加工
Stair milling

被加工材料使用表 Material Table

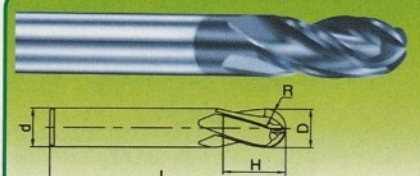
被加工材料 WORK MATERIAL	炭素钢 Carbon Steels	预硬钢 Prehardened Steels				不锈钢 Stainless Steels	铸铁 Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
	预硬钢 Prehardened Steels	淬硬钢 Hardened Steels				球墨铸铁 Ductile Cast Iron					
商品记号 Abbreviation	合金钢 Alloy Steels	合金钢 Alloy Steels									
	工具钢 Tool Steels	~35HRC	~40HRC	~50HRC	~55HRC	~68HRC	~35HRC	~350HB			
DMP2E/DMP4E		◎	◎	◎	○			◎			○

DMP2E/DMP4E切削参数 DMP2E/DMP4E Cutting Specifications

被加工材料	铸铁, 碳素钢, 合金钢		不锈钢		预硬钢, 调质钢		预硬钢, 调质钢		淬硬钢	
Materials	Scast Iron, Carbon Steels, Alloy Steels ~30HRC		Stainless Steels		Prehardened Steels, Quenched and tempered steel ~40HRC		Prehardende Steels, Quenched and tempered steel ~50HRC		Hardened Steels ~55HRC	
直径	转速	进给速度	转速	进给速度	转速	进给速度	转速	进给速度	转速	进给速度
Diameter	Rotation Rate	Feed Rate	Rotation Rate	Feed Rate	Rotation Rate	Feed Rate	Rotation Rate	Feed Rate	Rotation Rate	Feed Rate
(mm)	(min)	(mm/min)	(min)	(mm/min)	(min)	(mm/min)	(min)	(mm/min)	(min)	(mm/min)
1	24000	220	24000	70	24000	180	24000	130	24000	100
2	18000	350	13380	90	18000	310	15600	200	13368	140
3	16800	600	9000	130	12720	460	10200	360	8916	260
4	12960	620	6600	150	9600	470	7800	370	6684	270
5	9840	640	5400	150	7680	490	600	390	5352	290
6	8400	660	4440	150	6360	510	5040	400	4452	290
8	6240	650	3360	150	4800	500	3840	400	3342	300
10	5040	640	2640	150	3840	490	3000	390	2676	280
12	4200	640	2220	150	3180	490	2520	390	2226	280
14	3600	600	1920	150	2760	460	2160	360	1908	260
16	3120	600	1680	130	2400	460	1920	360	1668	260
18	2760	590	1500	130	2160	460	1680	360	1488	260
20	2460	590	1320	130	1920	460	1500	360	1338	260

标准系列 (◀HRC55) Standard Series

DMP4B
四刃球头立铣刀
End Mills



0.4 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DMP4B0306	R1.5	6	50	4
	DMP4B0408	R2.0	8	50	6
	DMP4B0510	R2.5	10	50	6
	DMP4B0612	R3.0	12	50	6
	DMP4B0816	R4.0	16	60	8
	DMP4B1020	R5.0	20	75	10
	DMP4B1224	R6.0	24	75	12
	DMP4B1428	R7.0	28	75	14
	DMP4B1632	R8.0	32	100	16

0.4 μm
35°
4 Flutes
尖角保护
D ≤ 12
0 ~ -0.020
12 < D
0 ~ -0.030
直角槽加工
Slotting
侧面加工
Side milling
台阶加工
Stair milling

DMP4BL
四刃长柄球头立铣刀
Long Shank End Mills



0.4 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DMP4BL0306	R1.5	6	75	4
	DMP4BL0408	R2.0	8	75	6
	DMP4BL0510	R2.5	10	75	6
	DMP4BL0612	R3.0	12	75	6
	DMP4BL0816	R4.0	16	100	8
	DMP4BL1020	R5.0	20	100	10
	DMP4BL1224	R6.0	24	100	12
	DMP4BL1428	R7.0	28	150	14
	DMP4BL1632	R8.0	32	150	16

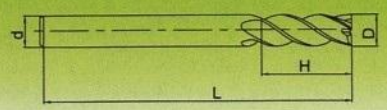
0.4 μm
35°
4 Flutes
尖角保护
D ≤ 12
0 ~ -0.020
12 < D
0 ~ -0.030
直角槽加工
Slotting
侧面加工
Side milling
台阶加工
Stair milling

被加工材料使用表 Material Table

商品记号 Abbreviation	被加工材料 WORK MATERIAL	炭素钢 Carbon Steels	预硬钢 Prehardened Steels					不锈钢 Stainless Steels	铸铁 Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
		预硬钢 Prehardened Steels	淬硬钢 Hardened Steels					球墨铸铁 Ductile Cast Iron					
		合金钢 Alloy Steels	工具钢 Tool Steels										
P4B/FSP4BL		~35HRC	~40HRC	~50HRC	~55HRC	~68HRC	~35HRC	~350HB					

DMP4B/DMP4BL切削参数 DMP4B/DMP4BL Cutting Specifications

被加工材料 Materials	铸铁,碳素钢,合金钢 Scast Iron, Carbon Steels, Alloy Steels ~30HRC		不锈钢 Staninless Steels		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~40HRC		预硬钢, 调质钢 Prehardende Steels, Quenched and tempered steel ~50HRC		淬硬钢 Hardened Steels ~55HRC		
	直径 Diameter (mm)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)
	R1.5	18600	2260	8880	690	12720	1070	6000	890	5346	790
	R2.0	13800	2260	6660	880	9600	1310	7800	880	6684	750
	R2.5	11400	2500	5430	880	7680	1310	6000	890	5346	790
	R3.0	9600	2500	4440	920	6360	1370	5040	920	4458	820
	R4.0	7200	3090	3300	1080	4800	1670	3840	1050	3342	910
	R5.0	5760	2850	2640	1020	3840	1560	3000	1050	2676	910
	R6.0	4800	2610	2220	1020	3180	1450	2520	1000	2226	880
	R8.0	3600	2500	1620	900	2400	1420	1920	890	1674	780
	R10.0	2880	2260	1320	880	1920	1320	1500	790	1338	700



DMP4R

超硬四刃圆鼻立铣刀
End Mills

0.4 μm	型号 Type No	D 直径 Diameter	R 角 Rcorner	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
      	DMP4R0302	3.0	0.2	8	50	6
	DMP4R0403	4.0	0.3	10	50	6
	DMP4R0405	4.0	0.5	10	50	6
	DMP4R0505	5.0	0.5	13	50	6
	DMP4R0510	5.0	1.0	13	50	6
	DMP4R0605	6.0	0.5	16	50	6
	DMP4R0610	6.0	1.0	16	50	6
	DMP4R0805	8.0	0.5	20	60	8
	DMP4R0810	8.0	1.0	20	60	8
	DMP4R1005	10.0	0.5	25	75	10
	DMP4R1010	10.0	1.0	25	75	10
	DMP4R1020	10.0	2.0	25	75	10
	DMP4R1205	12.0	0.5	30	75	12
	DMP4R1210	12.0	1.0	30	75	12
	DMP4R1220	12.0	2.0	30	75	12
	DMP4R1230	12.0	3.0	30	75	12

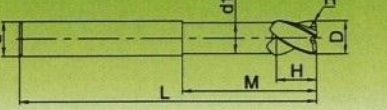
被加工材料使用表
Material Table

被加工材料 WORK MATERIAL 商品记号 Abbreviation	炭素钢 Carbon Steels 预硬钢 Prehardened Steels 合金钢 Alloy Steels 工具钢 Tool Steels	预硬钢 Prehardened Steels 淬硬钢 Hardened Steels				不锈钢 Stainless Steels	铸铁 Cast Iron 球墨铸铁 Ductile Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
	~35HRC	~40HRC	~50HRC	~55HRC	~68HRC	~35HRC	~350HB				
DMP4R	⊙	⊙	⊙	○		⊙				○	○

DMP4R切削参数

DMP4R Cutting Specifications

被加工材料 Materials 铸铁, 碳素钢, 合金钢 Cast Iron, Carbon Steels, Alloy Steels ~30HRC			不锈钢 Stainless Steels		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~40HRC		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~50HRC		淬硬钢 Hardened Steels ~55HRC	
直径 Diameter (mm)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)
3	16800	1080	9000	190	12720	830	10200	650	8916	480
4	12960	1110	6600	190	9600	850	7800	660	6684	490
5	9840	1160	5400	190	7680	890	6000	700	5352	520
6	8400	1190	4440	210	6360	910	5040	720	4452	520
8	6240	1180	3360	210	4800	900	3840	730	3342	530
10	5040	1160	2640	210	3840	890	3000	690	2676	500
12	4200	1160	2220	210	3180	890	2520	690	2226	500
16	3120	1080	1680	190	2400	830	1920	650	1668	480



DMP4RL

四刃长颈短刃圆鼻立铣刀
Long Neck End Mills

0.4 μm	型号 Type No	D 直径 Diameter	d1 颈径 Neck Dia.	R 角 Rcorner	H 刃长 Flute Length	M 有效长 Effective Length	L 全长 O.A.L.	d 柄径 Shank Dia.	
      	DMP4RL0605	6.0	5.8	0.5	6	18	75	6	
	DMP4RL0610	6.0	5.8	1.0	6	18	75	6	
	DMP4RL0805	8.0	7.8	0.5	8	24	100	8	
	DMP4RL0810	8.0	7.8	1.0	8	24	100	10	
	DMP4RL1005	10.0	9.6	0.5	10	30	100	10	
	DMP4RL1010	10.0	9.6	1.0	10	30	100	10	
	DMP4RL1020	10.0	9.6	2.0	10	30	100	10	
	DMP4RL1205	12.0	11.5	0.5	12	36	100	12	
	DMP4RL1210	12.0	11.5	1.0	12	36	100	12	
	DMP4RL1220	12.0	11.5	2.0	12	36	100	16	
	DMP4RL1610	16.0	15.5	1.0	16	40	150	16	
	DMP4RL1620	16.0	15.5	2.0	16	40	150	16	

被加工材料使用表
Material Table

被加工材料 WORK MATERIAL 商品记号 Abbreviation	炭素钢 Carbon Steels 预硬钢 Prehardened Steels 合金钢 Alloy Steels 工具钢 Tool Steels	预硬钢 Prehardened Steels 淬硬钢 Hardened Steels				不锈钢 Stainless Steels	铸铁 Cast Iron 球墨铸铁 Ductile Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
	~35HRC	~40HRC	~50HRC	~55HRC	~68HRC	~35HRC	~350HB				
DMP4RL	⊙	⊙	⊙	○		○	⊙			○	○

DMP4RL切削参数

DMP4RL Cutting Specifications

被加工材料 Materials 铸铁, 碳素钢, 合金钢 Cast Iron, Carbon Steels, Alloy Steels ~30HRC			不锈钢 Stainless Steels		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~40HRC		预硬钢, 调质钢 Prehardened Steels, Quenched and tempered steel ~50HRC		淬硬钢 Hardened Steels ~55HRC	
直径 Diameter (mm)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)	转速 Rotation Rate (min)	进给速度 Feed Rate (mm/min)
3	16800	1080	9000	190	12720	830	10200	650	8916	480
4	12960	1110	6600	190	9600	850	7800	660	6684	490
5	9840	1160	5400	190	7680	890	6000	700	5352	520
6	8400	1190	4440	210	6360	910	5040	720	4452	520
8	6240	1180	3360	210	4800	900	3840	730	3342	530
10	5040	1160	2640	210	3840	890	3000	690	2676	500
12	4200	1160	2220	210	3180	890	2520	690	2226	500
16	3120	1080	1680	190	2400	830	1920	650	1668	480

普通系列 (◀HRC50)

Common Series

DE-2T					
二刃立铣刀 End Mills					
0.6 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DE0102	1.0	3	50	4
	DE0152	1.5	4	50	4
	DE0202	2.0	6	50	4
	DE0302	3.0	8	50	4
	DE0402	4.0	11	50	4
	DE0502	5.0	13	50	6
	DE0602	6.0	16	50	6
	DE0802	8.0	20	60	8
	DE1002	10.0	25	75	10
	DE1202	12.0	30	75	12
	DE1602	16.0	45	100	16
	DE2002	20.0	45	100	20

DE-4T					
四刃立铣刀 End Mills					
0.6 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DE0104	1.0	3	50	4
	DE0154	1.5	4	50	4
	DE0204	2.0	6	50	4
	DE0304	3.0	8	50	4
	DE0404	4.0	11	50	4
	DE0504	5.0	13	50	6
	DE0604	6.0	16	50	6
	DE0804	8.0	20	60	8
	DE1004	10.0	25	75	10
	DE1204	12.0	30	75	12
	DE1604	16.0	45	100	16
	DE2004	20.0	45	100	20

DEL-2T					
二刃长柄立铣刀 Long Shank End Mills					
0.6 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DEL0302S	3.0	8	75	4
	DEL0302	3.0	8	100	4
	DEL0402S	4.0	11	75	4
	DEL0402	4.0	11	100	4
	DEL0502S	5.0	13	75	6
	DEL0502	5.0	13	100	6
	DEL0602S	6.0	16	75	6
	DEL0602	6.0	16	100	6
	DEL0602X	6.0	16	150	6
	DEL0802S	8.0	20	75	8
	DEL0802	8.0	20	100	8
	DEL0802X	8.0	20	150	8
	DEL1002	10.0	25	100	10
	DEL1002X	10.0	25	150	10
	DEL1202	12.0	30	100	12
	DEL1202X	12.0	30	150	12
	DEL1602	16.0	45	150	16
	DEL2002	20.0	45	150	20

DEL-4T					
四刃长柄立铣刀 Long Shank End Mills					
0.6 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DEL0304S	3.0	8	75	4
	DEL0304	3.0	8	100	4
	DEL0404S	4.0	11	75	4
	DEL0404	4.0	11	100	4
	DEL0504S	5.0	13	75	6
	DEL0504	5.0	13	100	6
	DEL0604S	6.0	16	75	6
	DEL0604	6.0	16	100	6
	DEL0604X	6.0	16	150	6
	DEL0804S	8.0	20	75	8
	DEL0804	8.0	20	100	8
	DEL0804X	8.0	20	150	8
	DEL1004	10.0	25	100	10
	DEL1004X	10.0	25	150	10
	DEL1204	12.0	30	100	12
	DEL1204X	12.0	30	150	12
	DEL1604	16.0	45	150	16
	DEL2004	20.0	45	150	20

被加工材料使用表 Material Table

商品记号 Abbreviation	被加工材料 WORK MATERIAL		预硬钢 Prehardened Steels				铸 铁 Cast Iron	铜合金 Copper Alloys	铝 合金 Aluminum Alloys	钛 合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
	炭素钢 Carbon Steels	预硬钢 Prehardened Steels	淬硬钢 Hardened Steels	不 锈 钢 Stainless Steels	球墨铸铁 Ductile Cast Iron						
DE-2T/DE-4T/DEL-2T/DEL-4T	~35HRC	~40HRC	~50HRC	~55HRC	~68HRC	~35HRC	~350HB				

普通系列 (◀HRC50)

Common Series

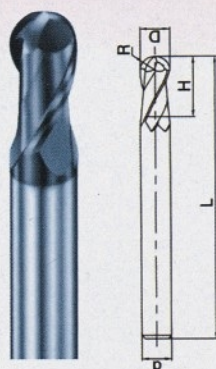
DER-2T						
两刃圆鼻立铣刀 End Mills						
0.6 μm	型号 Type No	D 直径 Diameter	R 角 Rcorner	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DER02052	2.0	R0.5	6	50	4
	DER03052	3.0	R0.5	8	50	4
	DER04052	4.0	R0.5	10	50	4
	DER04102	4.0	R1.0	10	50	4
	DER05052	5.0	R0.5	13	50	6
	DER05102	5.0	R1.0	13	50	6
	DER06052	6.0	R0.5	16	50	6
	DER06102	6.0	R1.0	16	50	6
	DER08052	8.0	R0.5	19	60	8
	DER08102	8.0	R1.0	19	60	8
	DER10052	10.0	R0.5	25	75	10
	DER10102	10.0	R1.0	25	75	10
	DER10152	10.0	R1.5	25	75	10
	DER10202	10.0	R2.0	25	75	10
	DER10302	10.0	R3.0	25	75	10
	DER12102	12.0	R1.0	30	75	12
	DER12202	12.0	R2.0	30	75	12
	DER12302	12.0	R3.0	30	75	12

DER-4T						
四刃圆鼻立铣刀 End Mills						
0.6 μm	型号 Type No	D 直径 Diameter	R 角 Rcorner	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DER02054	2.0	R0.5	6	50	4
	DER03054	3.0	R0.5	8	50	4
	DER04054	4.0	R0.5	10	50	4
	DER04104	4.0	R1.0	10	50	4
	DER05054	5.0	R0.5	13	50	6
	DER05104	5.0	R1.0	13	50	6
	DER06054	6.0	R0.5	16	50	6
	DER06104	6.0	R1.0	16	50	6
	DER08054	8.0	R0.5	20	60	8
	DER08104	8.0	R1.0	20	60	8
	DER10054	10.0	R0.5	25	75	10
	DER10104	10.0	R1.0	25	75	10
	DER10154	10.0	R1.5	25	75	10
	DER10204	10.0	R2.0	25	75	10
	DER10304	10.0	R3.0	25	75	10
	DER12104	12.0	R1.0	30	75	12
	DER12204	12.0	R2.0	30	75	12
	DER12304	12.0	R3.0	30	75	12

被加工材料使用表 Material Table

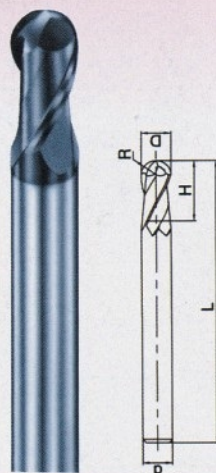
被加工材料 WORK MATERIAL 商品记号 Abbreviation	炭素钢 Carbon Steels 预硬钢 Prehardened Steels 合金钢 Alloy Steels 工具钢 Tool Steels	预硬钢 Prehardened Steels 淬硬钢 Hardened Steels				不锈钢 Stainless Steels	铸铁 Scast Iron 球墨铸铁 Ductile Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
	~35HRC	~40HRC	~50HRC	~55HRC	~68HRC	~35HRC	~350HB				
DER-2T/DER-4T	○	○	○			○	○				

DB-2T
二刃球头立铣刀
End Mills



0.6 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DB0102	R0.5	2	50	4
	DB0152	R0.75	3	50	4
	DB0202	R1	4	50	4
	DB0252	R1.25	5	50	4
	DB0302	R1.5	6	50	4
	DB0402	R2	8	50	4
	DB0502	R2.5	10	50	6
	DB0602	R3	12	50	6
	DB0802	R4	16	60	8
	DB1002	R5	20	75	10
	DB1202	R6	24	75	12
	DB1602	R8	32	100	16
	DB2002	R10	40	100	20

DBL-2T
二刃长柄球头立铣刀
End Mills

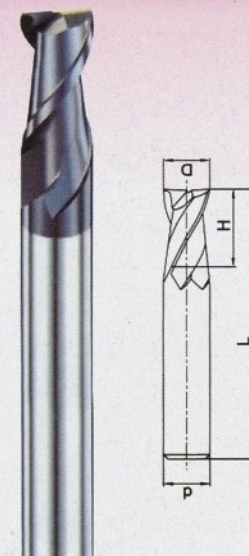


0.6 μm	型号 Type No	D 直径 Diameter	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DBL0202S	R1	4	75	4
	DBL0202	R1	4	100	4
	DBL0302S	R1.5	6	75	4
	DBL0302	R1.5	6	100	4
	DBL0402S	R2	8	75	4
	DBL0402	R2	8	100	4
	DBL0502S	R2.5	10	75	6
	DBL0502	R2.5	10	100	6
	DBL0502X	R2.5	10	150	6
	DBL0602S	R3	12	75	6
	DBL0602	R3	12	100	6
	DBL0602X	R3	12	150	6
	DBL0802S	R4	16	75	8
	DBL0802	R4	16	100	8
	DBL0802X	R4	16	150	8
	DBL1002	R5	20	100	10
	DBL1002X	R5	20	150	10
	DBL1202	R6	24	100	12
	DBL1202X	R6	24	150	12
	DBL1602	R8	32	150	16
	DBL2002	R10	40	150	20

被加工材料使用表 Material Table

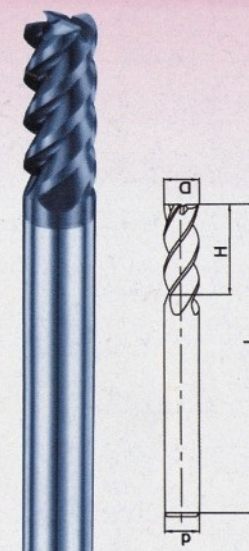
被加工材料 WORK MATERIAL	炭素钢 Carbon Steels	预硬钢 Prehardened Steels	淬硬钢 Hardened Steels	不锈钢 Stainless Steels	铸铁 Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
商品记号 Abbreviation	~35HRC	~40HRC	~50HRC	~55HRC	~68HRC	~35HRC	~350HB		
DB-2T/DBL-2T	○	○	○	○	○	○	○	○	○

DERL-2T
两刃加长圆鼻立铣刀
Long Shank End Mills



0.6 μm	型号 Type No	D 直径 Diameter	R 角 Rcorner	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DERL04052	4.0	R0.5	10	75	4
	DERL06052	6.0	R0.5	16	75	6
	DERL06102	6.0	R1.0	16	75	6
	DERL08052	8.0	R0.5	20	100	8
	DERL08102	8.0	R1.0	20	100	8
	DERL10052	10.0	R0.5	25	100	10
	DERL10102	10.0	R1.0	25	100	10
	DERL10152	10.0	R1.5	25	100	10
	DERL10202	10.0	R2.0	25	100	10
	DERL12102	12.0	R1.0	30	100	12
	DERL12202	12.0	R2.0	30	100	12

DERL-4T
四刃加长圆鼻立铣刀
Long Shank End Mills



0.6 μm	型号 Type No	D 直径 Diameter	R 角 Rcorner	H 刃长 Flute Length	L 全长 O.A.L.	d 柄径 Shank Dia.
	DERL04054	4.0	R0.5	10	75	4
	DERL06054	6.0	R0.5	16	75	6
	DERL06104	6.0	R1.0	16	75	6
	DERL08054	8.0	R0.5	20	100	8
	DERL08104	8.0	R1.0	20	100	8
	DERL10054	10.0	R0.5	25	100	10
	DERL10104	10.0	R1.0	25	100	10
	DERL10154	10.0	R1.5	25	100	10
	DERL10204	10.0	R2.0	25	100	10
	DERL12104	12.0	R1.0	30	100	12
	DERL12204	12.0	R2.0	30	100	12

被加工材料使用表 Material Table

被加工材料 WORK MATERIAL	炭素钢 Carbon Steels	预硬钢 Prehardened Steels	淬硬钢 Hardened Steels	不锈钢 Stainless Steels	铸铁 Cast Iron	铜合金 Copper Alloys	铝合金 Aluminum Alloys	钛合金 Titanium Alloys	耐热合金 Heat Resistant Alloys
商品记号 Abbreviation	~35HRC	~40HRC	~50HRC	~55HRC	~68HRC	~35HRC	~350HB		
DERL-2T/DERL-4T	○	○	○	○	○	○	○	○	○

铝用加工系列

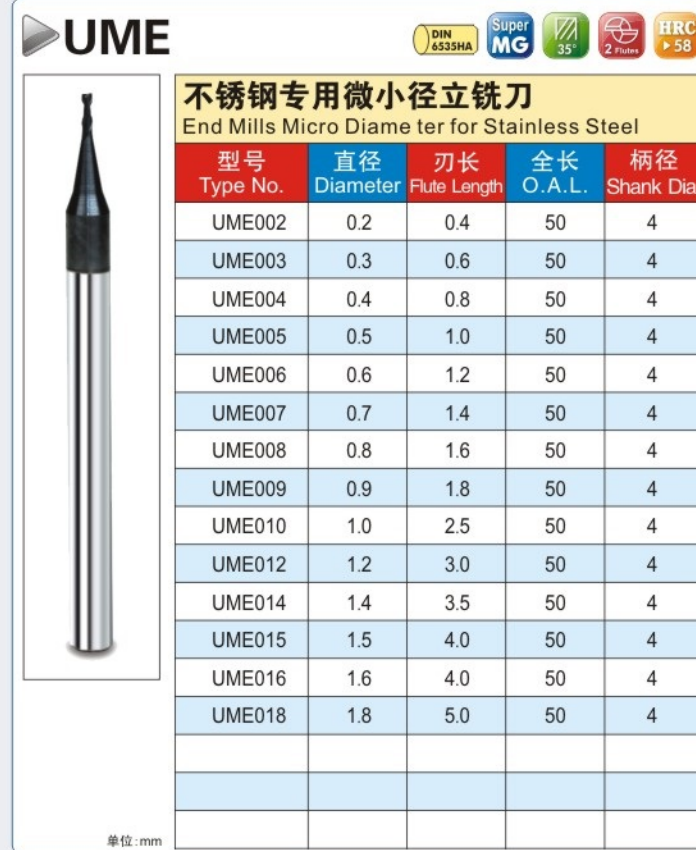
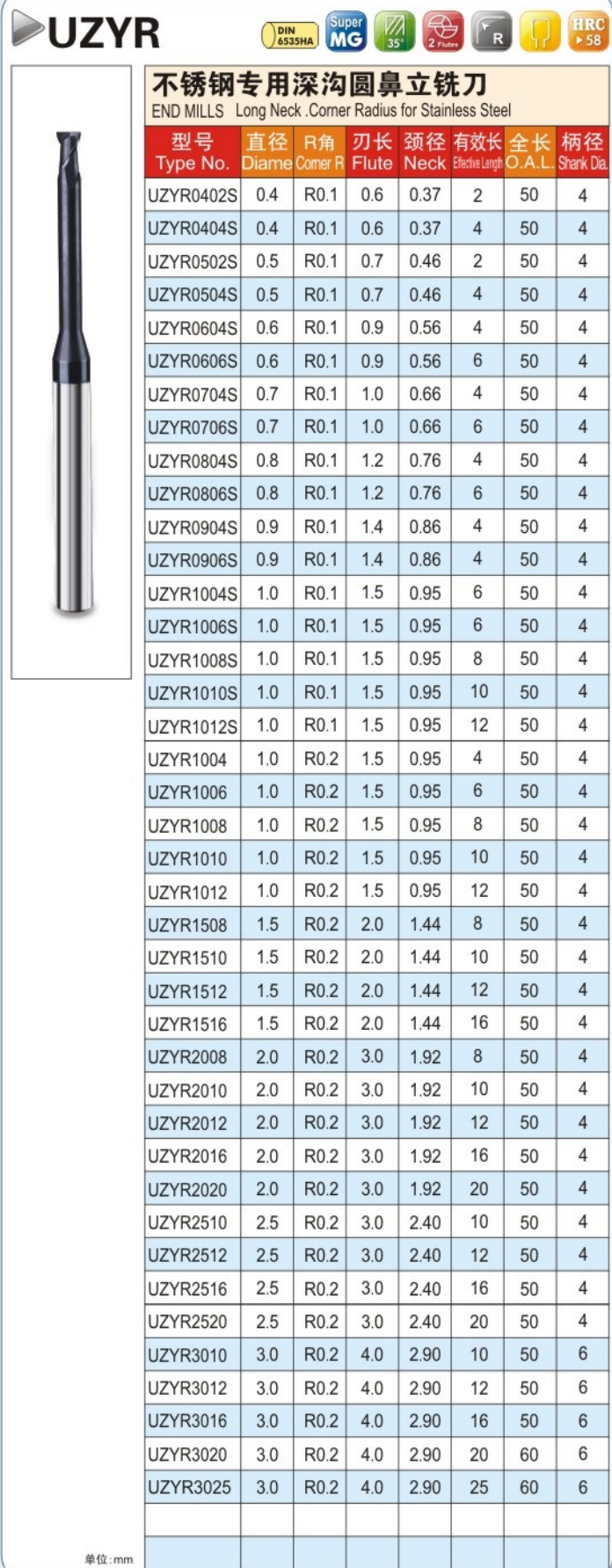
Aluminum Application Series



Aluminum Application Series

SS & Titanium Series

SS & Titanium Series



不锈钢及钛合金系列

不锈钢及钛合金系列

▶ UKE

[illegible]

单位:mm

 UVE

[illegible]

单位:mm

 UXHE.UXIE

[illegible]

单位: mm

 UZYB



不锈钢专用深沟球头立铣刀						
Ball Nose END MILLS for Stainless Steel						
型号 Type No.	直径 Diamet	刃长 Flute Length	颈径 Neck	有效长 Effective Length	全长 O.A.L.	柄径 Shank Dia.
UZYB02005	R0.1	0.2	0.16	0.5	50	4
UZYB02010	R0.1	0.2	0.16	1.0	50	4
UZYB02015	R0.1	0.2	0.16	1.5	50	4
UZYB02015	R0.1	0.2	0.16	1.5	50	4
UZYB03010	R0.15	0.3	0.26	1.0	50	4
UZYB03020	R0.15	0.3	0.26	2.0	50	4
UZYB04010	R0.2	0.4	0.36	1.0	50	4
UZYB04020	R0.2	0.4	0.36	2.0	50	4
UZYB04030	R0.2	0.4	0.36	3.0	50	4
UZYB05020	R0.25	0.5	0.46	2.0	50	4
UZYB05040	R0.25	0.5	0.46	4.0	50	4
UZYB05060	R0.25	0.5	0.46	6.0	50	4
UZYB06020	R0.3	1.0	0.56	2.0	50	4
UZYB06040	R0.3	1.0	0.56	4.0	50	4
UZYB06060	R0.3	1.0	0.56	6.0	50	4
UZYB08040	R0.4	1.1	0.76	4.0	50	4
UZYB08060	R0.4	1.1	0.76	6.0	50	4
UZYB08080	R0.4	1.1	0.76	8.0	50	4
UZYB1006	R0.5	1.5	0.95	6	50	4
UZYB1008	R0.5	1.5	0.95	8	50	4
UZYB1010	R0.5	1.5	0.95	10	50	4
UZYB1012	R0.5	1.5	0.95	12	50	4
UZYB1208	R0.6	1.8	1.15	8	50	4
UZYB1210	R0.6	1.8	1.15	10	50	4
UZYB1212	R0.6	1.8	1.15	12	50	4
UZYB1506	R0.75	2.2	1.44	6	50	4
UZYB1508	R0.75	2.2	1.44	8	50	4
UZYB1510	R0.75	2.2	1.44	10	50	4
UZYB1512	R0.75	2.2	1.44	12	50	4
UZYB1516	R0.75	2.2	1.44	16	50	4
UZYB1520	R0.75	2.2	1.44	20	50	4
UZYB2008	R1.0	3	1.92	8	50	4
UZYB2010	R1.0	3	1.92	10	50	4
UZYB2012	R1.0	3	1.92	12	50	4
UZYB2016	R1.0	3	1.92	16	50	4
UZYB2020	R1.0	3	1.92	20	50	4
UZYB3008	R1.5	4	2.90	8	50	6
UZYB3010	R1.5	4	2.90	10	50	6
UZYB3012	R1.5	4	2.90	12	50	6
UZYB3016	R1.5	4	2.90	16	50	6
UZYB3020	R1.5	4	2.90	20	60	6
UZYB3025	R1.5	4	2.90	25	60	6
UZYB4010	R2.0	5	3.90	10	50	6
UZYB4012	R2.0	5	3.90	12	50	6
UZYB4016	R2.0	5	3.90	16	50	6
UZYB4020	R2.0	5	3.90	20	60	6
UZYB4025	R2.0	5	3.90	25	75	6
UZYB4030	R2.0	5	3.90	30	75	6

单位: mm

 UZB



不锈钢专用球头立铣刀				
END MILLS for Stainless Steel				
型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia.
UZH0104	R0.5	2	50	4
UZH0106	R0.5	2	50	6
UZH0154	R0.75	3	50	4
UZH0156	R0.75	3	50	6
UZH0204	R1.0	4	50	4
UZH0206	R1.0	4	50	6
UZH0254	R1.25	5	50	4
UZH0256	R1.25	5	50	6
UZH0304	R1.5	6	50	4
UZH0303	R1.5	6	50	3
UZH0306	R1.5	6	50	6
UZH0404	R2.0	8	50	4
UZH0406	R2.0	8	50	6
UZH050	R2.5	10	50	6
UZH060	R3.0	12	50	6
UZH080	R4.0	16	60	8
UZH100	R5.0	20	75	10
UZH120	R6.0	24	75	12

单位:mm

 UZUB



不锈钢专用微小径球头立铣刀				
END MILLS for Stainless Steel				
型号 Type No.	直径 Diameter	刃长 Flute Length	全长 O.A.L.	柄径 Shank Dia
UZUB002	R0.1	0.4	50	4
UZUB003	R0.15	0.6	50	4
UZUB004	R0.2	0.8	50	4
UZUB005	R0.25	1.0	50	4
UZUB006	R0.3	1.2	50	4
UZUB007	R0.35	1.4	50	4
UZUB008	R0.4	1.6	50	4
UZUB010	R0.5	2.0	50	4
UZUB012	R0.6	2.4	50	4
UZUB013	R0.65	2.6	50	4
UZUB014	R0.7	2.8	50	4
UZUB015	R0.75	3.0	50	4
UZUB016	R0.8	3.2	50	4
UZUB018	R0.9	3.6	50	4

单位: mm

UXSR



不锈钢专用圆鼻立铣刀							
END MILLS Corner Radius for Stainless Steel							
型号 Type No.	直径 Diamte	R角 Corner R	刃长 Flute	颈径 Neck	有效长 Effective Length	全长 O.A.L	柄径 Shank Dia
UXSR0305	3.0	R0.5	6	2.9	12	50	4
UXSR0403	4.0	R0.3	6	3.9	12	50	6
UXSR0405	4.0	R0.5	6	3.9	12	50	6
UXSR0603	6.0	R0.3	8	5.84	18	50	6
UXSR0605	6.0	R0.5	8	5.84	18	50	6
UXSR0605H	6.0	R0.5	6	5.84	18	75	6
UXSR0610	6.0	R1.0	8	5.84	18	50	6
UXSR0610H	6.0	R1.0	6	5.84	18	75	6
UXSR0803	8.0	R0.3	10	7.76	24	60	8
UXSR0805	8.0	R0.5	10	7.76	24	60	8
UXSR0805H	8.0	R0.5	8	7.76	24	75	8
UXSR0810	8.0	R1.0	10	7.76	24	60	8
UXSR0810H	8.0	R1.0	8	7.76	24	75	8
UXSR1005	10.0	R0.5	12	9.68	30	75	10
UXSR1005I	10.0	R0.5	10	9.68	30	100	10
UXSR1010	10.0	R1.0	12	9.68	30	75	10
UXSR1010I	10.0	R1.0	10	9.68	30	100	10
UXSR1020	10.0	R2.0	12	9.68	30	75	10

单位: mm

SS & Titanium Series

单位:mm

单位:mm

单位: mm

单位: mm