



ТВЕРДОСПЛАВНЫЕ ФРЕЗЫ

2025A

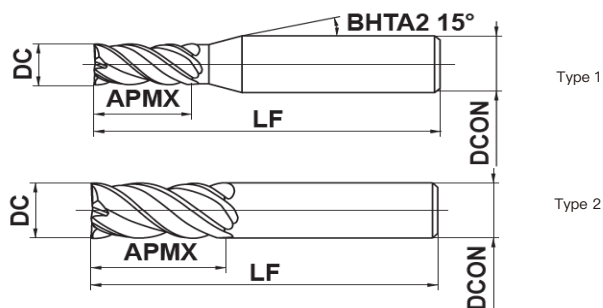


End Mill MGS

ISO-P M K



DCON	h6
Helix Angle	36°
Tip shape	DC≤12, 0.10×45° DC > 12, 0.15×45°



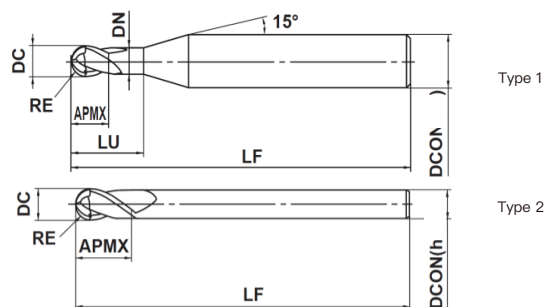
Products Code	Dimension (mm)				ZEFP	TCDC	Type
	DC	APMX	LF	DCON			
MGS2S-D0020-C-0040-L50	0.2	0.4	50	4	2	0/-0.01	1
MGS2S-D0030-C-0060-L50	0.3	0.6	50	4	2	0/-0.01	1
MGS2S-D0040-C-0080-L50	0.4	0.8	50	4	2	0/-0.01	1
MGS2S-D0050-C-0100-L50	0.5	1	50	4	2	0/-0.01	1
MGS2S-D0060-C-0120-L50	0.6	1.2	50	4	2	0/-0.01	1
MGS2S-D0070-C-0140-L50	0.7	1.4	50	4	2	0/-0.01	1
MGS2S-D0080-C-0160-L50	0.8	1.6	50	4	2	0/-0.01	1
MGS2S-D0090-C-0180-L50	0.9	1.8	50	4	2	0/-0.01	1
MGS4S-D0100-C-0300-L50	1	3	50	4	4	0/-0.01	2
MGS4S-D0150-C-0450-L50	1.5	4.5	50	4	4	0/-0.01	2
MGS4S-D0200-C-0600-L50	2	6	50	4	4	0/-0.01	2
MGS4S-D0250-C-0700-L50	2.5	7	50	4	4	0/-0.01	2
MGS4S-D0300-C-0900-L50	3	9	50	4	4	0/-0.012	2
MGS4S-D0400-C-1000-L50	4	10	50	4	4	0/-0.012	2
MGS4S-D0400-C-1200-L75	4	12	75	4	4	0/-0.012	2
MGS4S-D0400-C-1200-L100	4	12	100	4	4	0/-0.012	2
MGS4S-D0200-C-0500-L50	2	5	50	6	4	0/-0.012	2
MGS4S-D0300-C-0800-L50	3	8	50	6	4	0/-0.012	2
MGS4S-D0400-C-1000-L50	4	10	50	6	4	0/-0.012	2
MGS4S-D0500-C-1300-L50	5	13	50	6	4	0/-0.012	2
MGS4S-D0600-C-1500-L50	6	15	50	6	4	0/-0.015	2
MGS4S-D0600-C-1500-L75	6	15	75	6	4	0/-0.015	2
MGS4S-D0600-C-1500-L100	6	15	100	6	4	0/-0.015	2
MGS4S-D0800-C-2000-L60	8	20	60	8	4	0/-0.015	2
MGS4S-D0800-C-2500-L75	8	25	75	8	4	0/-0.015	2
MGS4S-D0800-C-3200-L100	8	32	100	8	4	0/-0.015	2
MGS4S-D0800-C-3200-L150	8	32	150	8	4	0/-0.015	2
MGS4S-D1000-C-2500-L75	10	25	75	10	4	0/-0.015	2
MGS4S-D1000-C-4000-L100	10	40	100	10	4	0/-0.015	2
MGS4S-D1000-C-4000-L150	10	40	150	10	4	0/-0.015	2
MGS4S-D1200-C-3000-L75	12	30	75	12	4	0/-0.02	2
MGS4S-D1200-C-5000-L100	12	50	100	12	4	0/-0.02	2
MGS4S-D1200-C-5000-L150	12	50	150	12	4	0/-0.02	2
MGS4S-D1400-C-4000-L100	14	40	100	14	4	0/-0.02	2
MGS4S-D1400-C-5500-L150	14	55	150	14	4	0/-0.02	2
MGS4S-D1600-C-4000-L100	16	40	100	16	4	0/-0.02	2
MGS4S-D1600-C-6000-L150	16	60	150	16	4	0/-0.02	2
MGS4S-D1800-C-4500-L100	18	45	100	18	4	0/-0.02	2
MGS4S-D1800-C-6500-L150	18	65	150	18	4	0/-0.02	2
MGS4S-D2000-C-5000-L100	20	50	100	20	4	0/-0.02	2
MGS4S-D2000-C-7000-L150	20	70	150	20	4	0/-0.02	2

End Mill MGB

ISO-P M K



DCON	h6
Helix Angle	30°
Radius tolerance	±0.005



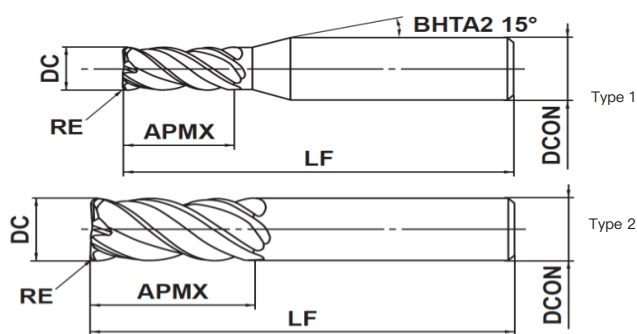
Products Code	Dimension (mm)							ZEFP	Type
	DC	RE	APMX	LF	LU	DN	DCON		
MGB2S-D0020-R0010-0020-L50	0.2	0.1	0.2	50	-	-	4	2	1
MGB2S-D0030-R0015-0030-L50	0.3	0.15	0.3	50	-	-	4	2	1
MGB2S-D0040-R0020-0060-L50	0.4	0.2	0.6	50	-	-	4	2	1
MGB2S-D0050-R0025-0080-L50	0.5	0.25	0.8	50	-	-	4	2	1
MGB2S-D0060-R0030-0090-L50	0.6	0.3	0.9	50	-	-	4	2	1
MGB2S-D0080-R0040-0120-L50	0.8	0.4	1.2	50	-	-	4	2	1
MGB2S-D0100-R0050-0150-L50	1	0.5	1.5	50	-	-	4	2	1
MGB2S-D0120-R0060-0180-L50	1.2	0.6	1.8	50	-	-	4	2	2
MGB2S-D0150-R0075-0230-L50	1.5	0.75	2.3	50	-	-	4	2	2
MGB2S-D0200-R0100-0300-L50	2	1	3	50	-	-	4	2	2
MGB2S-D0300-R0150-0450-L50	3	1.5	4.5	50	-	-	4	2	2
MGB2S-D0400-R0200-0600-L50	4	2	6	50	-	-	4	2	2
MGB2S-D0400-R0200-0600-L75	4	2	6	75	-	-	4	2	2
MGB2S-D0400-R0200-0800-L100	4	2	8	100	-	-	4	2	2
MGB2S-D0100-R0050-0150-DCON6	1	0.5	1.5	50	-	-	6	2	2
MGB2S-D0150-R0075-0230-DCON6	1.5	0.75	2.3	50	-	-	6	2	2
MGB2S-D0200-R0100-0300-DCON6	2	1	3	50	-	-	6	2	2
MGB2S-D0300-R0150-0450-DCON6	3	1.5	4.5	50	-	-	6	2	2
MGB2S-D0400-R0200-0600-DCON6	4	2	6	50			6	2	2
MGB2S-D0500-R0250-0750-L50	5	2.5	7.5	50			6	2	2
MGB2S-D0600-R0300-0900-L50	6	3	9	50			6	2	2
MGB2S-D0600-R0300-0900-L75	6	3	9	75			6	2	2
MGB2S-D0600-R0300-1200-L100	6	3	12	100			6	2	2
MGB2S-D0800-R0400-1200-L60	8	4	12	60			6	2	2
MGB2S-D0800-R0400-1200-L75	8	4	12	75			8	2	2
MGB2S-D0800-R0400-1600-L100	8	4	16	100			8	2	2
MGB2S-D0800-R0400-1600-L150	8	4	16	150			8	2	2
MGB2S-D1000-R0500-1500-L75	10	5	15	75			10	2	2
MGB2S-D1000-R0500-2000-L100	10	5	20	100			10	2	2
MGB2S-D1000-R0500-2000-L150	10	5	20	150			10	2	2
MGB2S-D1200-R0600-1800-L75	12	6	18	75			12	2	2
MGB2S-D1200-R0600-2400-L100	12	6	24	100			12	2	2
MGB2S-D1200-R0600-2400-L150	12	6	24	150			12	2	2
MGB2S-D1400-R0700-2100-L100	14	7	21	100			14	2	2
MGB2S-D1400-R0700-2800-L150	14	7	28	150			14	2	2
MGB2S-D1600-R0800-2400-L100	16	8	24	100			16	2	2
MGB2S-D1600-R0800-3200-L150	16	8	32	150			16	2	2
MGB2S-D1800-R0900-2700-L100	18	9	27	100			18	2	2
MGB2S-D1800-R0900-3600-L150	18	9	36	150			18	2	2
MGB2S-D2000-R1000-3000-L100	20	10	30	100			20	2	2
MGB2S-D2000-R1000-4000-L150	20	10	40	150			20	2	2

End Mill MGR

ISO-P M K



DCON	h6
Helix Angle	37°40°
Radius tolerance	±0.02



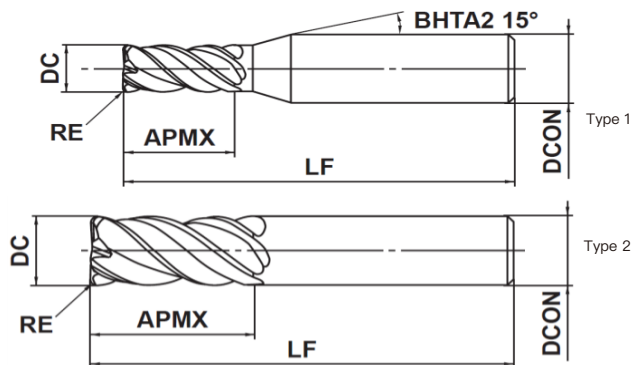
Products Code	Dimension (mm)					ZEFP	TCDC	Type
	DC	RE	APMX	LF	DCON			
MGR4S-D0100-R0010-0200-L50	1	0.1	2	50	4	4	0/-0.01	1
MGR4S-D0100-R0020-0200-L50	1	0.2	2	50	4	4	0/-0.01	1
MGR4S-D0150-R0010-0300-L50	1.5	0.1	3	50	4	4	0/-0.01	1
MGR4S-D0150-R0020-0300-L50	1.5	0.2	3	50	4	4	0/-0.01	1
MGR4S-D0200-R0100-0400-L50	2	1	4	50	4	4	0/-0.01	1
MGR4S-D0200-R0020-0400-L50	2	0.2	4	50	4	4	0/-0.01	1
MGR4S-D0200-R0030-0400-L50	2	0.3	4	50	4	4	0/-0.01	1
MGR4S-D0300-R0010-0600-L50	3	0.1	6	50	4	4	0/-0.01	1
MGR4S-D0300-R0020-0600-L50	3	0.2	6	50	4	4	0/-0.01	1
MGR4S-D0300-R0030-0600-L50	3	0.3	6	50	4	4	0/-0.01	1
MGR4S-D0300-R0050-0600-L50	3	0.5	6	50	4	4	0/-0.01	1
MGR4S-D0400-R0020-0800-L50	4	0.2	8	50	4	4	0/-0.012	1
MGR4S-D0400-R0030-0800-L50	4	0.3	8	50	4	4	0/-0.012	2
MGR4S-D0400-R0050-0800-L50	4	0.5	8	50	4	4	0/-0.012	2
MGR4S-D0400-R0050-0800-L75	4	0.5	8	75	4	4	0/-0.012	2
MGR4S-D0400-R0050-0800-L100	4	0.5	8	100	4	4	0/-0.012	2
MGR4S-D0200-R0020-0400-L50-DCON6	2	0.2	4	50	6	4	0/-0.012	2
MGR4S-D0200-R0050-0400-L50-DCON6	2	0.5	4	50	6	4	0/-0.012	2
MGR4S-D0300-R0020-0600-L50-DCON6	3	0.2	6	50	6	4	0/-0.012	2
MGR4S-D0300-R0050-0600-L50-DCON6	3	0.5	6	50	6	4	0/-0.012	2
MGR4S-D0400-R0020-0800-L50-DCON6	4	0.2	8	50	6	4	0/-0.012	2
MGR4S-D0400-R0050-0800-L50-DCON6	4	0.5	8	50	6	4	0/-0.012	2
MGR4S-D0500-R0020-1000-L50-DCON6	5	0.2	10	50	6	4	0/-0.012	2
MGR4S-D0500-R0050-1000-L50-DCON6	5	0.5	10	50	6	4	0/-0.012	2
MGR4S-D0600-R0020-1200-L50-DCON6	6	0.2	12	50	6	4	0/-0.012	2
MGR4S-D0600-R0020-1200-L60-DCON6	6	0.2	12	60	6	4	0/-0.012	2
MGR4S-D0600-R0030-1200-L50-DCON6	6	0.3	12	50	6	4	0/-0.012	2
MGR4S-D0600-R0030-1200-L60-DCON6	6	0.3	12	60	6	4	0/-0.012	2
MGR4S-D0600-R0050-1200-L50-DCON6	6	0.5	12	50	6	4	0/-0.012	2
MGR4S-D0600-R0050-1200-L60-DCON6	6	0.5	12	60	6	4	0/-0.012	2
MGR4S-D0600-R0100-1200-L50-DCON6	6	1	12	50	6	4	0/-0.012	2
MGR4S-D0600-R0100-1200-L60-DCON6	6	1	12	60	6	4	0/-0.012	2
MGR4S-D0600-R0020-1200-L75-DCON6	6	0.2	12	75	6	4	0/-0.012	2
MGR4S-D0600-R0030-1200-L75-DCON6	6	0.3	12	75	6	4	0/-0.012	2
MGR4S-D0600-R0050-1200-L75-DCON6	6	0.5	12	75	6	4	0/-0.012	2
MGR4S-D0600-R0100-1200-L75-DCON6	6	1	12	75	6	4	0/-0.012	2
MGR4S-D0600-R0020-1200-L100-DCON6	6	0.2	12	100	6	4	0/-0.012	2
MGR4S-D0600-R0030-1200-L100-DCON6	6	0.3	12	100	6	4	0/-0.012	2
MGR4S-D0600-R0050-1200-L100-DCON6	6	0.5	12	100	6	4	0/-0.012	2
MGR4S-D0600-R0100-1200-L100-DCON6	6	1	12	100	6	4	0/-0.015	2
MGR4S-D0800-R0020-1600-L60	8	0.2	16	60	8	4	0/-0.015	2
MGR4S-D0800-R0030-1600-L60	8	0.3	16	60	8	4	0/-0.015	2

End Mill MGR

ISO-P M K



DCON	h6
Helix Angle	37°40°
Radius tolerance	±0.02



Products Code	Dimension (mm)					ZEFP	TCDC	Type
	DC	RE	APMX	LF	DCON			
MGR4S-D0800-R0050-1600-L60	8	0.5	16	60	8	4	0/-0.015	2
MGR4S-D0800-R0100-1600-L60	8	1	16	60	8	4	0/-0.015	2
MGR4S-D0800-R0020-1600-L75	8	0.2	16	75	8	4	0/-0.015	2
MGR4S-D0800-R0030-1600-L75	8	0.3	16	75	8	4	0/-0.015	2
MGR4S-D0800-R0050-1600-L75	8	0.5	16	75	8	4	0/-0.015	2
MGR4S-D0800-R0100-1600-L75	8	1	16	75	8	4	0/-0.015	2
MGR4S-D0800-R0020-2000-L100	8	0.2	20	100	8	4	0/-0.015	2
MGR4S-D0800-R0030-2000-L100	8	0.3	20	100	8	4	0/-0.015	2
MGR4S-D0800-R0050-2000-L100	8	0.5	20	100	8	4	0/-0.015	2
MGR4S-D0800-R0100-2000-L100	8	1	20	100	8	4	0/-0.015	2
MGR4S-D0800-R0020-2000-L150	8	0.2	20	150	8	4	0/-0.015	2
MGR4S-D0800-R0030-2000-L150	8	0.3	20	150	8	4	0/-0.015	2
MGR4S-D0800-R0050-2000-L150	8	0.5	20	150	8	4	0/-0.015	2
MGR4S-D0800-R0100-2000-L150	8	1	20	150	8	4	0/-0.015	2
MGR4S-D1000-R0020-2000-L75	10	0.2	20	75	10	4	0/-0.02	2
MGR4S-D1000-R0050-2000-L75	10	0.5	20	75	10	4	0/-0.02	2
MGR4S-D1000-R0100-2000-L75	10	1	20	75	10	4	0/-0.02	2
MGR4S-D1000-R0020-2500-L100	10	0.2	25	100	10	4	0/-0.02	2
MGR4S-D1000-R0050-2500-L100	10	0.5	25	100	10	4	0/-0.02	2
MGR4S-D1000-R0100-2500-L100	10	1	25	100	10	4	0/-0.02	2
MGR4S-D1000-R0020-2500-L150	10	0.2	25	150	10	4	0/-0.02	2
MGR4S-D1000-R0050-2500-L150	10	0.5	25	150	10	4	0/-0.02	2
MGR4S-D1000-R0100-2500-L150	10	1	25	150	10	4	0/-0.02	2
MGR4S-D1200-R0020-2400-L75	12	0.2	24	75	12	4	0/-0.02	2
MGR4S-D1200-R0050-2400-L75	12	0.5	24	75	12	4	0/-0.02	2
MGR4S-D1200-R0100-2400-L75	12	1	24	75	12	4	0/-0.02	2
MGR4S-D1200-R0020-3000-L100	12	0.2	30	100	12	4	0/-0.02	2
MGR4S-D1200-R0050-3000-L100	12	0.5	30	100	12	4	0/-0.02	2
MGR4S-D1200-R0100-3000-L100	12	1	30	100	12	4	0/-0.02	2
MGR4S-D1200-R0020-3000-L150	12	0.2	30	150	12	4	0/-0.02	2
MGR4S-D1200-R0050-3000-L150	12	0.5	30	150	12	4	0/-0.02	2
MGR4S-D1200-R0100-3000-L150	12	1	30	150	12	4	0/-0.02	2
MGR4S-D1400-R0050-2800-L100	14	0.5	28	100	14	4	0/-0.02	2
MGR4S-D1400-R0100-2800-L100	14	1	28	100	14	4	0/-0.02	2
MGR4S-D1400-R0200-2800-L100	14	2	28	100	14	4	0/-0.02	2
MGR4S-D1400-R0050-3500-L150	14	0.5	35	150	14	4	0/-0.02	2
MGR4S-D1400-R0100-3500-L150	14	1	35	150	14	4	0/-0.02	2
MGR4S-D1400-R0200-2800-L150	14	2	28	150	14	4	0/-0.02	2
MGR4S-D1600-R0050-3200-L100	16	0.5	32	100	16	4	0/-0.02	2
MGR4S-D1600-R0100-3200-L100	16	1	32	100	16	4	0/-0.02	2
MGR4S-D1600-R0200-3200-L100	16	2	32	100	16	4	0/-0.02	2
MGR4S-D1600-R0050-4000-L150	16	0.5	40	150	16	4	0/-0.02	2

A

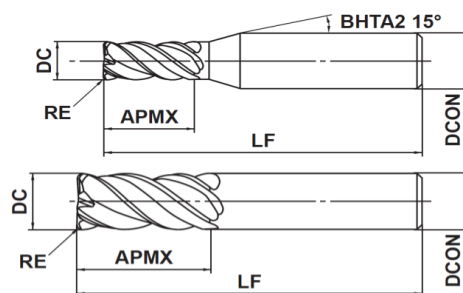
Grooving

End Mill MGR

ISO-P M K



DCON	h6
Helix Angle	37°40°
Radius tolerance	±0.02



Type 1

Type 2

C

Turning

Products Code	Dimension (mm)					ZEFP	TCDC	Type
	DC	RE	APMX	LF	DCON			
MGR4S-D1600-R0100-4000-L150	16	1	40	150	16	4	0 / - 0.02	2
MGR4S-D1600-R0200-4000-L150	16	2	40	150	16	4	0 / - 0.02	2
MGR4S-D1800-R0050-3600-L100	18	0.5	36	100	18	4	0 / - 0.02	2
MGR4S-D1800-R0100-3600-L100	18	1	36	100	18	4	0 / - 0.02	2
MGR4S-D1800-R0200-3600-L100	18	2	36	100	18	4	0 / - 0.02	2
MGR4S-D1800-R0050-4500-L150	18	0.5	45	150	18	4	0 / - 0.02	2
MGR4S-D1800-R0100-4500-L150	18	1	45	150	18	4	0 / - 0.02	2
MGR4S-D1800-R0200-4500-L150	18	2	45	150	18	4	0 / - 0.02	2
MGR4S-D2000-R0050-4000-L100	20	0.5	40	100	20	4	0 / - 0.02	2
MGR4S-D2000-R0100-4000-L100	20	1	40	100	20	4	0 / - 0.02	2
MGR4S-D2000-R0200-4000-L100	20	2	40	100	20	4	0 / - 0.02	2
MGR4S-D2000-R0050-5000-L150	20	0.5	50	150	20	4	0 / - 0.02	2
MGR4S-D2000-R0100-5000-L150	20	1	50	150	20	4	0 / - 0.02	2
MGR4S-D2000-R0200-4000-L150	20	2	40	150	20	4	0 / - 0.02	2

D

Drilling

M

Milling

F

Taps

G

Special Tools

I

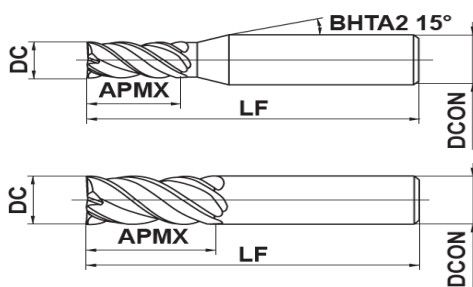
Technical Info

End Mill MMS

ISO-M



DCON	h6
Helix Angle	Unequal spiral
Tip shape	C or R



Type 1

Type 2

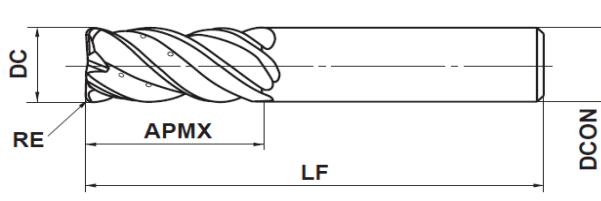
Products Code	Dimension (mm)				ZEFP	TCDC	Type
	DC	APMX	LF	DCON			
C angle							
MMS4S-D0300-C-0800	3	8	50	4	4	0/-0.012	1
MMS4S-D0400-C-1100	4	11	50	4	4	0/-0.012	2
MMS4S-D0500-C-1300	5	13	60	6	4	0/-0.012	2
MMS4S-D0600-C-1600	6	16	60	6	4	0/-0.012	2
MMS4S-D0700-C-2000	7	20	60	8	4	0/-0.015	2
MMS4S-D0800-C-2000	8	20	65	8	4	0/-0.015	2
MMS4S-D0900-C-2200	9	22	75	10	4	0/-0.015	2
MMS4S-D1000-C-2500	10	25	75	10	4	0/-0.015	2
MMS4S-D1100-C-2600	11	26	75	12	4	0/-0.02	2
MMS4S-D1200-C-3000	12	30	80	12	4	0/-0.02	2
MMS4S-D1400-C-3200	14	32	100	14	4	0/-0.02	2
MMS4S-D1600-C-4500	16	45	100	16	4	0/-0.02	2
MMS4S-D1800-C-4500	18	45	100	18	4	0/-0.02	2
MMS4S-D2000-C-4500	20	45	100	20	4	0/-0.02	2
R angle							
MMSR4S-D0400-R0050-1100	4	11	50	4	4	0/-0.012	2
MMSR4S-D0600-R0050-1600	6	16	50	6	4	0/-0.012	2
MMSR4S-D0800-R0050-2000	8	20	60	8	4	0/-0.015	2
MMSR4S-D1000-R0050-2500	10	25	75	10	4	0/-0.015	2
MMSR4S-D1200-R0050-2600	12	26	75	12	4	0/-0.02	2
MMSR4S-D1200-R0100-2600	12	26	75	12	4	0/-0.02	2

End Mill MSR

ISO-S



DCON	h6
Helix Angle	50°
Radius tolerance	±0.02



Products Code	Dimension (mm)					ZEFP	TCDC
	DC	RE	APMX	LF	DCON		
MSR4V-D0600-R0050-1300	6	0.5	13	50	6	4	0 / - 0.02
MSR4V-D0600-R0100-1300	6	1	13	50	6	4	0 / - 0.02
MSR4V-D0800-R0050-1900	8	0.5	19	60	8	4	0 / - 0.02
MSR4V-D0800-R0100-1900	8	1	19	60	8	4	0 / - 0.02
MSR4V-D1000-R0050-2200	10	0.5	22	75	10	4	0 / - 0.02
MSR4V-D1000-R0100-2200	10	1	22	75	10	4	0 / - 0.02
MSR4V-D1000-R0200-2200	10	2	22	75	10	4	0 / - 0.02
MSR4V-D1200-R0050-2600	12	0.5	26	75	12	4	0 / - 0.02
MSR4V-D1200-R0100-2600	12	1	26	75	12	4	0 / - 0.02
MSR4V-D1200-R0200-2600	12	2	26	75	12	4	0 / - 0.02
MSR4V-D1600-R0200-3200	16	2	32	100	16	4	0 / - 0.03
MSR4V-D1600-R0300-3200	16	3	32	100	16	4	0 / - 0.03
MSR4V-D1600-R0400-3200	16	4	32	100	16	4	0 / - 0.03
MSR4V-D2000-R0300-3800	20	3	38	100	20	4	0 / - 0.03
MSR4V-D2000-R0400-3800	20	4	38	100	20	4	0 / - 0.03
MSR4V-D2000-R0635-3800	20	6.35	38	100	20	4	0 / - 0.03

ZEFP 5

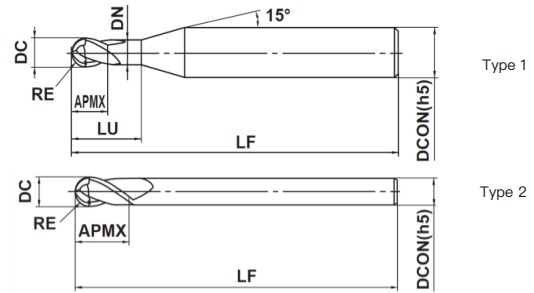
MSR5V-D0600-R0050-1300	6	0.5	13	50	6	5	0 / - 0.02
MSR5V-D0600-R0100-1300	6	1	13	50	6	5	0 / - 0.02
MSR5V-D0800-R0050-1900	8	0.5	19	60	8	5	0 / - 0.02
MSR5V-D0800-R0100-1900	8	1	19	60	8	5	0 / - 0.02
MSR5V-D1000-R0050-2200	10	0.5	22	75	10	5	0 / - 0.02
MSR5V-D1000-R0100-2200	10	1	22	75	10	5	0 / - 0.02
MSR5V-D1000-R0200-2200	10	2	22	75	10	5	0 / - 0.02
MSR5V-D1200-R0050-2600	12	0.5	26	75	12	5	0 / - 0.02
MSR5V-D1200-R0100-2600	12	1	26	75	12	5	0 / - 0.02
MSR5V-D1200-R0200-2600	12	2	26	75	12	5	0 / - 0.02
MSR5V-D1600-R0200-3200	16	2	32	100	16	5	0 / - 0.03
MSR5V-D1600-R0300-3200	16	3	32	100	16	5	0 / - 0.03
MSR5V-D1600-R0400-3200	16	4	32	100	16	5	0 / - 0.03
MSR5V-D2000-R0300-3800	20	3	38	100	20	5	0 / - 0.03
MSR5V-D2000-R0400-3800	20	4	38	100	20	5	0 / - 0.03
MSR5V-D2000-R0635-3800	20	6.35	38	100	20	5	0 / - 0.03

End Mills For Molds And Dies

< HRC55



DCON	h6
Helix Angle	30°
Tip shape	±0.005



Products Code	Dimension (mm)							ZEFP	Type
	DC	RE	APMX	LF	LU	DN	DCON		
MDM1-D0040-R0020-L50	0.4	0.2	0.6	50			4	2	1
MDM1-D0050-R0025-L50	0.5	0.25	0.8	50			4	2	1
MDM1-D0060-R0030-L50	0.6	0.3	0.9	50			4	2	1
MDM1-D0080-R0040-L50	0.8	0.4	1.2	50			4	2	1
MDM1-D0100-R0050-L50	1	0.5	0.8	50	2	0.94	4	2	1
MDM1-D0150-R0075-L50	1.5	0.75	1.2	50	3	1.42	4	2	1
MDM1-D0200-R0100-L50	2	1	1.6	50	4	1.9	4	2	1
MDM1-D0250-R0125-L50	2.5	1.25	2	50	5	2.4	4	2	1
MDM1-D0300-R0150-L50	3	1.5	2.4	50	6	2.9	4	2	1
MDM1-D0400-R0200-L50	4	2	6	50			4	2	2
MDM1-D0500-R0250-L50	5	2.5	4	50	12	4.85	6	2	2
MDM1-D0600-R0300-L50	6	3	9	50			6	2	2
MDM1-D0600-R0300-L60	6	3	9	60			6	2	2
MDM1-D0600-R0300-L75	6	3	9	75			6	2	2
MDM1-D0600-R0300-L100	6	3	9	100			6	2	2
MDM1-D0800-R0400-L60	8	4	12	60			8	2	2
MDM1-D0800-R0400-L75	8	4	12	75			8	2	2
MDM1-D0800-R0400-L100	8	4	12	100			8	2	2
MDM1-D1000-R0500-L75	10	5	15	75			10	2	2
MDM1-D1000-R0500-L100	10	5	15	100			10	2	2
MDM1-D1200-R0600-L75	12	6	18	75			12	2	2
MDM1-D1200-R0600-L100	12	6	18	100			12	2	2

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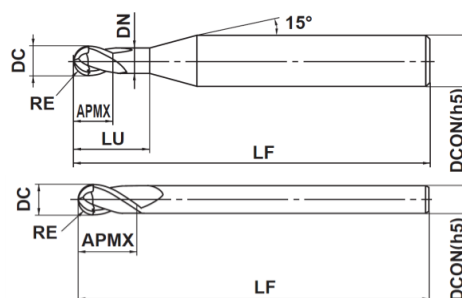
Grooving

End Mills For Molds And Dies

> HRC55



DCON	h6
Helix Angle	30°
Tip shape	±0.005



Type 1

Type 2

C

Turning

Products Code	Dimension (mm)							ZEFP	Type
	DC	RE	APMX	LF	LU	DN	DCON		
MDM2-D0040-R0020-L50	0.4	0.2	0.6	50			4	2	1
MDM2-D0050-R0025-L50	0.5	0.25	0.8	50			4	2	1
MDM2-D0060-R0030-L50	0.6	0.3	0.9	50			4	2	1
MDM2-D0080-R0040-L50	0.8	0.4	1.2	50			4	2	1
MDM2-D0100-R0050-L50	1	0.5	0.8	50	2	0.94	4	2	1
MDM2-D0150-R0075-L50	1.5	0.75	1.2	50	3	1.42	4	2	1
MDM2-D0200-R0100-L50	2	1	1.6	50	4	1.9	4	2	1
MDM2-D0250-R0125-L50	2.5	1.25	2	50	5	2.4	4	2	1
MDM2-D0300-R0150-L50	3	1.5	2.4	50	6	2.9	4	2	1
MDM2-D0400-R0200-L50	4	2	6	50			4	2	2
MDM2-D0500-R0250-L50	5	2.5	4	50	12	4.85	6	2	2
MDM2-D0600-R0300-L50	6	3	9	50			6	2	2
MDM2-D0600-R0300-L60	6	3	9	60			6	2	2
MDM2-D0600-R0300-L75	6	3	9	75			6	2	2
MDM2-D0600-R0300-L100	6	3	9	100			6	2	2
MDM2-D0800-R0400-L60	8	4	12	60			8	2	2
MDM2-D0800-R0400-L75	8	4	12	75			8	2	2
MDM2-D0800-R0400-L100	8	4	12	100			8	2	2
MDM2-D1000-R0500-L75	10	5	15	75			10	2	2
MDM2-D1000-R0500-L100	10	5	15	100			10	2	2
MDM2-D1200-R0600-L75	12	6	18	75			12	2	2
MDM2-D1200-R0600-L100	12	6	18	100			12	2	2

D

Drilling

M

Milling

F

Taps

G

Special Tools

I

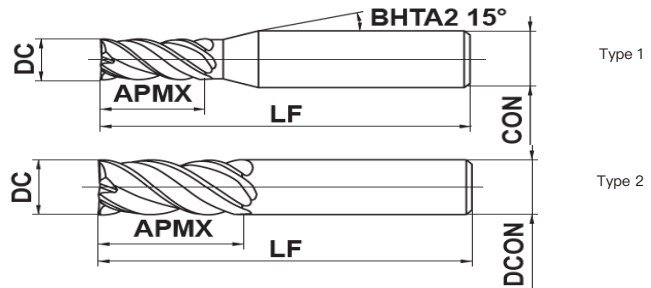
Technical Info

End Mills For Molds And Dies

< HRC55



DCON	h6
Helix Angle	36°
Tip shape	DC≤12, 0.10×45° DC > 12, 0.15×45°



Products Code	Dimension (mm)				ZEFP	TCDC	Type
	DC	APMX	LF	DCON			
MDM1-D0040-C-L50	0.4	1.2	50	4	4	0/-0.01	1
MDM1-D0050-C-L50	0.5	1.5	50	4	4	0/-0.01	1
MDM1-D0060-C-L50	0.6	1.8	50	4	4	0/-0.01	1
MDM1-D0080-C-L50	0.8	2.4	50	4	4	0/-0.01	1
MDM1-D0100-C-L50	1	3	50	4	4	0/-0.01	1
MDM1-D0150-C-L50	1.5	4	50	4	4	0/-0.01	2
MDM1-D0200-C-L50	2	6	50	4	4	0/-0.01	2
MDM1-D0250-C-L50	2.5	8	50	4	4	0/-0.01	2
MDM1-D0300-C-L50	3	8	50	4	4	0/-0.01	2
MDM1-D0400-C-L50	4	11	50	4	4	0/-0.012	2
MDM1-D0500-C-L50	5	13	50	6	4	0/-0.012	2
MDM1-D0600-C-L50	6	16	50	6	4	0/-0.012	2
MDM1-D0600-C-L60	6	16	60	6	4	0/-0.012	2
MDM1-D0600-C-L75	6	20	75	6	4	0/-0.012	2
MDM1-D0600-C-L100	6	20	100	6	4	0/-0.012	2
MDM1-D0800-C-L60	8	20	60	8	4	0/-0.015	2
MDM1-D0800-C-L75	8	20	75	8	4	0/-0.015	2
MDM1-D0800-C-L100	8	25	100	8	4	0/-0.015	2
MDM1-D1000-C-L75	10	25	75	10	4	0/-0.015	2
MDM1-D1000-C-L100	10	30	100	10	4	0/-0.02	2
MDM1-D1200-C-L75	12	30	75	12	4	0/-0.02	2
MDM1-D1200-C-L100	12	35	100	12	4	0/-0.02	2

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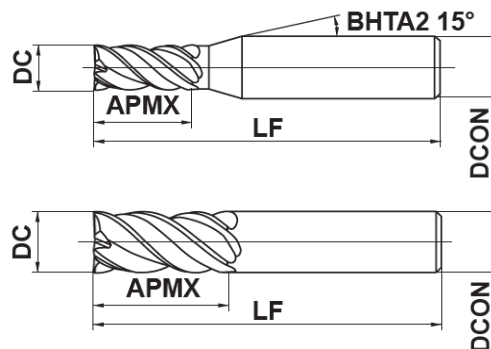
Grooving

End Mills For Molds And Dies

> HRC55



DCON	h6
Helix Angle	36°
Tip shape	DC≤12, 0.10×45° DC > 12, 0.15×45°



Type 1

Type 2

C

Turning

Products Code	Dimension (mm)				ZEFP	TCDC	Type
	DC	APMX	LF	DCON			
MDM2-D0040-C-L50	0.4	1.2	50	4	4	0/-0.01	1
MDM2-D0050-C-L50	0.5	1.5	50	4	4	0/-0.01	1
MDM2-D0060-C-L50	0.6	1.8	50	4	4	0/-0.01	1
MDM2-D0080-C-L50	0.8	2.4	50	4	4	0/-0.01	1
MDM2-D0100-C-L50	1	3	50	4	4	0/-0.01	1
MDM2-D0150-C-L50	1.5	4	50	4	4	0/-0.01	2
MDM2-D0200-C-L50	2	6	50	4	4	0/-0.01	2
MDM2-D0250-C-L50	2.5	8	50	4	4	0/-0.01	2
MDM2-D0300-C-L50	3	8	50	4	4	0/-0.01	2
MDM2-D0400-C-L50	4	11	50	4	4	0/-0.012	2
MDM2-D0500-C-L50	5	13	50	6	4	0/-0.012	2
MDM2-D0600-C-L50	6	16	50	6	4	0/-0.012	2
MDM2-D0600-C-L60	6	16	60	6	4	0/-0.012	2
MDM2-D0600-C-L75	6	20	75	6	4	0/-0.012	2
MDM2-D0600-C-L100	6	20	100	6	4	0/-0.012	2
MDM2-D0800-C-L60	8	20	60	8	4	0/-0.015	2
MDM2-D0800-C-L75	8	20	75	8	4	0/-0.015	2
MDM2-D0800-C-L100	8	25	100	8	4	0/-0.015	2
MDM2-D1000-C-L75	10	25	75	10	4	0/-0.015	2
MDM2-D1000-C-L100	10	30	100	10	4	0/-0.02	2
MDM2-D1200-C-L75	12	30	75	12	4	0/-0.02	2
MDM2-D1200-C-L100	12	35	100	12	4	0/-0.02	2

D

Drilling

E

Milling

F

Taps

G

Special Tools

H

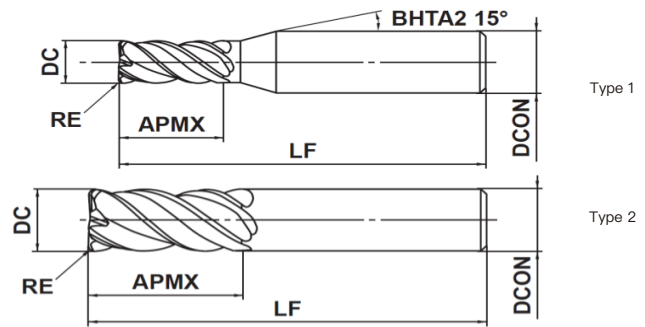
Technical Info

End Mills For Molds And Dies

< HRC55



DCON	h6
Helix Angle	37°40°
Tip shape	±0.02



Products Code	Dimension (mm)					ZEFP	TCDC	Type
	DC	RE	APMX	LF	DCON			
MDM1-D0100-R0020-L50	1	0.2	2	50	4	4	0 / - 0.01	1
MDM1-D0150-R0020-L50	1.5	0.2	3	50	4	4	0 / - 0.01	1
MDM1-D0200-R0020-L50	2	0.2	4	50	4	4	0 / - 0.01	1
MDM1-D0300-R0020-L50	3	0.2	6	50	4	4	0 / - 0.01	1
MDM1-D0300-R0050-L50	3	0.5	8	50	4	4	0 / - 0.012	1
MDM1-D0400-R0020-L50	4	0.2	8	50	4	4	0 / - 0.012	1
MDM1-D0400-R0050-L50	4	0.5	8	50	4	4	0 / - 0.012	1
MDM1-D0600-R0050-L50	6	0.5	12	50	6	4	0 / - 0.012	1
MDM1-D0600-R0050-L60	6	0.5	12	60	6	4	0 / - 0.012	1
MDM1-D0600-R0050-L75	6	0.5	12	75	6	4	0 / - 0.012	1
MDM1-D0600-R0050-L100	6	0.5	12	100	6	4	0 / - 0.012	1
MDM1-D0800-R0050-L60	8	0.5	16	60	8	4	0 / - 0.015	1
MDM1-D0800-R0050-L75	8	0.5	16	75	8	4	0 / - 0.015	2
MDM1-D0800-R0050-L100	8	0.5	16	100	8	4	0 / - 0.015	2
MDM1-D1000-R0050-L75	10	0.5	20	75	10	4	0 / - 0.02	2
MDM1-D1000-R0050-L100	10	0.5	20	100	10	4	0 / - 0.02	2
MDM1-D1200-R0050-L75	12	0.5	24	75	12	4	0 / - 0.02	2
MDM1-D1200-R0050-L100	12	0.5	24	100	12	4	0 / - 0.02	2

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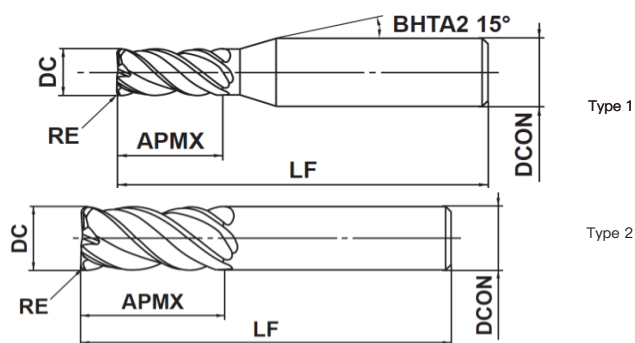
Grooving

End Mills For Molds And Dies

> HRC55



DCON	h6
Helix Angle	37°40°
Tip shape	±0.02



C

Turning

Products Code	Dimension (mm)					ZEFP	TCDC	Type
	DC	RE	APMX	LF	DCON			
MDM2-D0100-R0020-L50	1	0.2	2	50	4	4	0 / - 0.01	1
MDM2-D0150-R0020-L50	1.5	0.2	3	50	4	4	0 / - 0.01	1
MDM2-D0200-R0020-L50	2	0.2	4	50	4	4	0 / - 0.01	1
MDM2-D0300-R0020-L50	3	0.2	6	50	4	4	0 / - 0.01	1
MDM2-D0300-R0050-L50	3	0.5	8	50	4	4	0 / - 0.012	1
MDM2-D0400-R0020-L50	4	0.2	8	50	4	4	0 / - 0.012	1
MDM2-D0400-R0050-L50	4	0.5	8	50	4	4	0 / - 0.012	1
MDM2-D0600-R0050-L50	6	0.5	12	50	6	4	0 / - 0.012	1
MDM2-D0600-R0050-L60	6	0.5	12	60	6	4	0 / - 0.012	1
MDM2-D0600-R0050-L75	6	0.5	12	75	6	4	0 / - 0.012	1
MDM2-D0600-R0050-L100	6	0.5	12	100	6	4	0 / - 0.012	1
MDM2-D0800-R0050-L60	8	0.5	16	60	8	4	0 / - 0.015	1
MDM2-D0800-R0050-L75	8	0.5	16	75	8	4	0 / - 0.015	2
MDM2-D0800-R0050-L100	8	0.5	16	100	8	4	0 / - 0.015	2
MDM2-D1000-R0050-L75	10	0.5	20	75	10	4	0 / - 0.02	2
MDM2-D1000-R0050-L100	10	0.5	20	100	10	4	0 / - 0.02	2
MDM2-D1200-R0050-L75	12	0.5	24	75	12	4	0 / - 0.02	2
MDM2-D1200-R0050-L100	12	0.5	24	100	12	4	0 / - 0.02	2

D

Drilling

M

Milling

F

Taps

G

Special Tools

I

Technical Info



WC-Co

WC-Co CuttingTools