

# Corner radius end mills AX-RV2

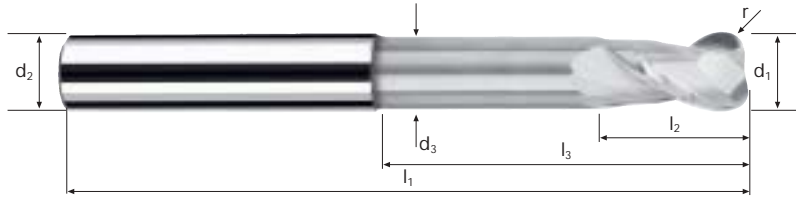
Smooth-edged, version 5xd with neck



**HM MG10**  $\lambda$  40°  $\gamma$  20°

**G2.5**

**Vario**



Roughing



Finishing



			<b>Al</b> Aluminium > 99%	<b>Al</b> Aluminium Alloy	<b>Al</b> Aluminium Cast		<b>Cu</b> Copper	<b>Plastic</b> Thermoplast	
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Order-N°	d1 e8	d2 h6	d3	l1	l2	l3	l3/d1	r 0/+0.03	fl	
15575302	6	6	5.5	66	7	30	5.0	1.0	2	•
15575391	8	8	7.4	76	9	40	5.0	1.0	2	•

Application	Material	d1 [mm]	f1	FPT [mm]	ADOC [mm]	RDOC [mm]	RPM = 5000 min <sup>-1</sup> Feed [mm/min]	RPM = 10000 min <sup>-1</sup> Feed [mm/min]	RPM = 15000 min <sup>-1</sup> Feed [mm/min]	RPM = 20000 min <sup>-1</sup> Feed [mm/min]
<b>(1)</b> ADOC 	Construction aluminium Aviation [AlMg1SiCu / 6061] [AlCu4MgSi / 2017] [AlCu2Mg1,5Ni / 2618] [AlZn5,5MgCu / 7175] [AlZn6CuMgZr / 7150] [AlCu4Mg1 / 2124]	6	2	0.065	4.0	6.0	650	1300	1950	2600
		8	2	0.085	4.5	8.0	850	1700	2550	3400
<b>(2)</b> RDOC 	Wrought aluminium alloys [AlMgSi1 / 6082]  Cast aluminium [G-AlSi11Mg]	6	2	0.065	4.0	3.6	650	1300	1950	2600
		8	2	0.085	4.5	4.8	850	1700	2550	3400

<b>(1)</b> ADOC 	Construction aluminium [AlZn5,5MgCu / 7175] Wrought aluminium alloys [AlMgSi1 / 6082] Cast aluminium [G-AlSi11Mg]	6	2	0.065	6.0	3.6	650	1300	1950	2600
		8	2	0.085	6.8	4.8	850	1700	2550	3400

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<b>(1)</b> ADOC 	Construction aluminium [AlZn5,5MgCu / 7175] Wrought aluminium alloys [AlMgSi1 / 6082] Cast aluminium [G-AlSi11Mg]	6	2	0.020	5.0	0.20	200	400	600	800
		8	2	0.025	7.0	0.25	250	500	750	1000
*ap <sub>m</sub> see page 604										

<b>(2)</b> ADOC 	Construction aluminium [AlZn5,5MgCu / 7175] Wrought aluminium alloys [AlMgSi1 / 6082] Cast aluminium [G-AlSi11Mg]	6	2	0.145	0.35	0.35	1450	2900	4350	5800
		8	2	0.185	0.40	0.40	1850	3700	5550	7400