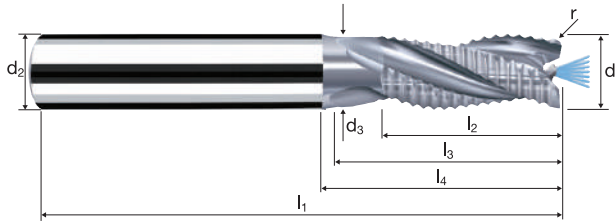
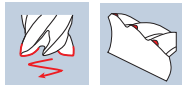
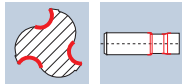
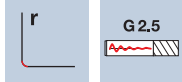


# Square end mills AX-FPS

Profiled, normal version with short neck  
High-performance penetration edge with central cooling channel



**HM**  
**MG10**     $\lambda$  30°  
                   $\gamma$  20°



Roughing



Finishing

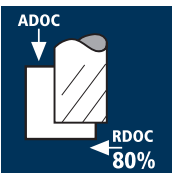
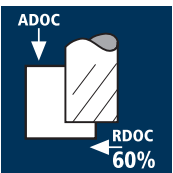
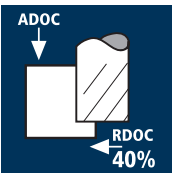
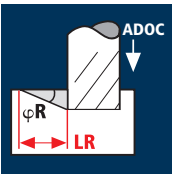
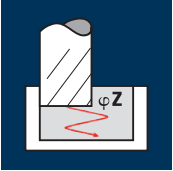


			<b>Al</b> Aluminium > 99%	<b>Al</b> Aluminium Alloy	<b>Al</b> Aluminium Cast		<b>Cu</b> Copper	<b>Plastic</b> Thermoplast	
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Order-N°	d <sub>1</sub> e <sub>8</sub>	d <sub>2</sub> h <sub>5</sub>	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	r 0/+0.03		fl	
15500300	6	6	5.5	57	13	18.15	20.00	0.10		3	●
15500391	8	8	7.4	63	18	23.63	26.00	0.15		3	●
15500450	10	10	9.2	72	22	27.99	31.00	0.20		3	●
15500501	12	12	11.0	83	26	33.29	37.00	0.20		3	●
15500610	16	16	15.0	95	32	41.73	46.00	0.20		3	●
15500682	20	20	19.0	104	40	48.23	53.00	0.20		3	●
15500772	25	25	24.0	121	50	64.68	70.00	0.25		3	●
15600300	6	6	5.5	57	13	18.15	20.00	0.10	◆	3	●
15600391	8	8	7.4	63	18	23.63	26.00	0.15	◆	3	●
15600450	10	10	9.2	72	22	27.99	31.00	0.20	◆	3	●
15600501	12	12	11.0	83	26	33.29	37.00	0.20	◆	3	●
15600610	16	16	15.0	95	32	41.73	46.00	0.20	◆	3	●
15600682	20	20	19.0	104	40	48.23	53.00	0.20	◆	3	●
15600770	25	25	24.0	121	44	58.68	64.00	0.25	◆	3	●

VIII

## Applications



## Cutting data calculator ToolExpert AX-FPS

### Use ToolExpert AX-FPS to determine the best possible cutting data for your machining environment!

With the new ToolExpert AX-FPS calculator, you are guaranteed the most cost-effective solution on the market for determining the cutting data for roughing aluminium in line with your machining environment!

Metal removal rates of up to 18,000 cm<sup>3</sup> / min (!) can be achieved with the new AX-FPS technology. However, high-performance roughing of wrought aluminium alloys is not influenced by the tool, but by the actual machining environment.

Consequently, ToolExpert AX-FPS lets you describe your machining environment quickly and easily, so that you can determine the cutting data that is most efficient and reliable for your application. This new and unique option will significantly reduce your machining times and production costs.



Scan this QR code to go to the new cutting data calculator **ToolExpert AX-FPS** or go to FRAISA's website at [www.fraisa.com/en/toolexpert-ax-fps](http://www.fraisa.com/en/toolexpert-ax-fps)