

# Square end mills AX-FPS

Profiled, medium length version with neck  
High-performance penetration edge with central cooling channel

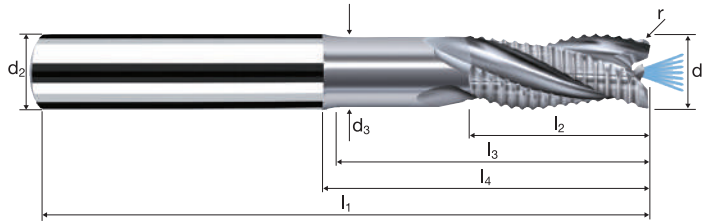


**HM**  
**MG10**

$\lambda$  30°  
 $\gamma$  20°

$r$

G 2,5



Roughing



Finishing



Aluminium > 99%

Aluminium Alloy

Aluminium Cast

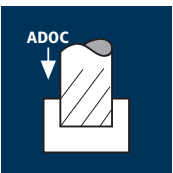
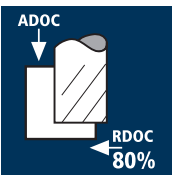
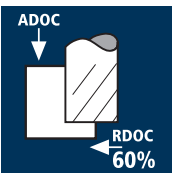
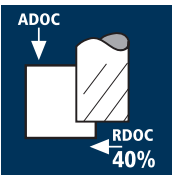
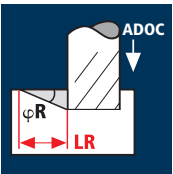
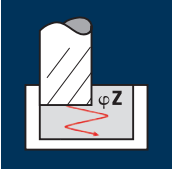
Cu Copper

Plastic Thermoplast

Order-N°	d <sub>1</sub> e8	d <sub>2</sub> h5	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	
15505300	6	6	5.5	63	13	24.15	26.00	0.10	3	●
15505391	8	8	7.4	72	18	32.63	35.00	0.15	3	●
15505450	10	10	9.2	84	22	39.99	43.00	0.20	3	●
15505501	12	12	11.0	97	26	47.29	51.00	0.20	3	●
15505610	16	16	15.0	108	32	54.73	59.00	0.20	3	●
15505682	20	20	19.0	122	40	66.23	71.00	0.20	3	●
15505772	25	25	24.0	144	50	86.68	92.00	0.25	3	●
15605300	6	6	5.5	63	13	24.15	26.00	0.10	◆ 3	●
15605391	8	8	7.4	72	18	32.63	35.00	0.15	◆ 3	●
15605450	10	10	9.2	84	22	39.99	43.00	0.20	◆ 3	●
15605501	12	12	11.0	97	26	47.29	51.00	0.20	◆ 3	●
15605610	16	16	15.0	108	32	54.73	59.00	0.20	◆ 3	●
15605682	20	20	19.0	122	40	66.23	71.00	0.20	◆ 3	●
15605770	25	25	24.0	144	50	81.68	87.00	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)