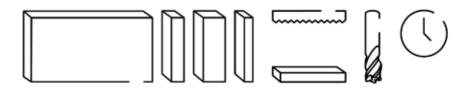
## Z-Flex Portfolio for EDM blocks - Discover the new speed



Zapp is ISO 9001 certified



## Your Favorites are our Top Sellers

From proven PM tools and high-speed steels and a popular range of dimensions, we now cut and harden quickly, ready to use, to your specifications:

Material/ description	Z-M4 PM <sup>speed</sup>	Z-10 PM <sup>cold</sup>	Z-M48 PM <sup>speed</sup>
Steel selection	universally applicable Z-PM High Speed Steel	highly wear-resistant Z-PM Tool Steel	high-strength and pressure-resistant Z-PM High Speed Steel
	Fl. 100 x 100 mm	Fl. 100 x 100 mm	FI. 100 x 100 mm
	Fl. 100 x 150 mm	Fl. 100 x 150 mm	FI. 100 x 150 mm
Outer dimensions	FI. 100 x 200 mm	Fl. 100 x 200 mm	FI. 100 x 200 mm
fine-milled on all sides,	FI. 200 x 200 mm	Fl. 200 x 150 mm	
tolerance +0.3/+0.5 mm,		Fl. 200 x 200 mm	Fl.= Flat

## Take Advantage of the New Speed

You can start directly with processing. Simply decide on the **desired thickness** in mm and the **desired hardness** in HRC in the Z-Flex-Plus portfolio.

	Z-Flex	Z-Flex-Plus	
Selection	The soft annealed version	The hardened version	Note
	fine-milled on all sides,	fine-milled on all sides,	
Outer dimensions	tolerance + 0.3/ +0.5 mm	tolerance + 0.3/ +0.5 mm	other outer dimensions on request
Thickness selectable	sawed, tolerance +3.0/+5.0 mm	parallel-plane ground, tolerance +0.0/+0.2 mm,	min. 10.0 mm
Edge finish	deburred	deburred	
Hardness selectable	no	yes, Z-M4 PM <sup>speed</sup> from 58 to 65 HRC Z-10 PM <sup>cold</sup> from 58 to 63 HRC Z-M48 PM <sup>speed</sup> from 64 to 69 HRC	professional heat treatment, incl. 4 x tempering, tolerance +/- 1 HRC
Labeling	label on the outer packaging	laser-cut	material, hardness and thickness
Shipping	48 hrs *	4 - 5 weeks	*deviating milled version
On request			
Thickness	fine-milled, tolerance + 0.3/+ 0.5 mm	-	min. 10.0 mm
Edge finish	1 x 45° chamfer	1 x 45° chamfer	
Starting hole	-	3.0 mm, from 25.1 mm = 5.0 mm	according to your drawing
Fastening thread	-	M6 – M8, depth 2 x D	according to your drawing

If you have any questions or suggestions, please do not hesitate to contact us directly at Sales.TA@zapp.com or by phone at +49 2304 79-566.

## TOOLING ALLOYS

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