

12 Series

Technical data

	FZ 12	DZ 12
Tool changer	Chain magazine	Chain magazine
Travel X – Y – Z max.	550 – 400 – 400 mm	550 – 400 – 400 mm
Chip-to-chip time	2.7 s	3.1 s
Number of milling spindles	1	2
Spindle distance		250 mm
Milling spindle speed	12,000 – 30,000 rpm	15,000 – 24,000 rpm
Milling spindle torque	11 – 110 Nm	29 – 59 Nm
Tool taper	HSK-A40	HSK-A50
	HSK-A50	HSK-A63
	HSK-A63	
Number of tools max.	24 – 128	2 x 12 – 2 x 104
Ø Tool max.	85 mm	85 mm
Ø Tool max. with free secondary space	125 mm	100
Tool length max.	250 mm	250 mm
Tool weight max.	5.0 kg	5.0 kg
Rapid feed X – Y – Z max.	75 – 75 – 75 m/min	75 – 75 – 75 m/min
Axis acceleration X – Y – Z max.	10 – 15 – 20 m/s ²	10 – 15 – 15 m/s ²

