

18 Series

Process advantages

	FZ 18	FZ 18
Tool changer	Basket tool changer	Chain magazine
Travel X - Y - Z	730 - 565 - 630 mm	800 - 530 - 450 mm
Chip-to-chip time	1.7 s	2.5 s
Number of milling spindles	1	1
Milling spindle speed max.	15,000 rpm	15,000 rpm
Milling spindle torque max.	290 Nm	180 Nm
Tool taper	SK-40 HSK-A63	HSK-A63
Number of tools max.	20	284
Tool diameter max.	65 mm	78 mm
Tool diameter 2 max.	180 mm	160 mm
Tool length max.		380 mm
Tool weight max.	5.0 kg	8.0 kg
Rapid feed X - Y - Z	75 - 75 - 75 m/min	75 - 75 - 75 m/min
Axis acceleration X - Y - Z	10 - 10 - 10 m/s ²	10 - 14 - 18 m/s ²



18 Series

Process advantages

	DZ 18	DZ 18
Tool changer	Basket tool changer	Chain magazine
Travel X - Y - Z	400 - 550 - 630 mm	630 - 530 - 450 mm
Chip-to-chip time	2.0 s	2.5 s
Number of milling spindles	2	2
Spindle distance	320 mm	400 mm
Milling spindle speed max.	12,000 rpm	15,000 rpm
Milling spindle torque max.	180 Nm	180 Nm
Tool taper	HSK-A63	HSK-A63
Number of tools max.	2 x 12	2 x 139
Tool diameter max.	65 mm	78 mm
Tool diameter 2 max.	180 mm	160 mm
Tool length max.		380 mm
Tool weight max.	5.0 kg	8.0 kg
Rapid feed X - Y - Z	75 - 75 - 75 m/min	75 - 75 - 75 m/min
Axis acceleration X - Y - Z	10 - 10 - 10 m/s ²	8 - 14 - 16 m/s ²

