

**Fixed Heads**

Spindle Type	Product Type	Spindle Model #	Tool System	Max Speed (rpm)	Clamping Force (kgf)	Lubrication	Tool Release Pressure (kgf / cm <sup>2</sup> )	Max Torque (Nm)	A-Axis Division Angle	A-Axis Swiveling Angle	C-Axis Division Angle	C-Axis Rotary Angle
F54D02-ACA-E	Fixed Heads	F54D02-ACA-E	BT50	3500	1200	Grease	60	1000	-	-	5°	360°
F58D01-ACA-CE	Fixed Heads	F58D01-ACA-CE	BT50	3500	1200	Grease	60	1000	5°	± 110°	5°	-90°~ +270°
F59D01-ACA-E	Fixed Heads	F59D01-ACA-E	BT50	3500	1200	Grease	60	1000	5°	0°~180°	5°	-90°~ +270°