

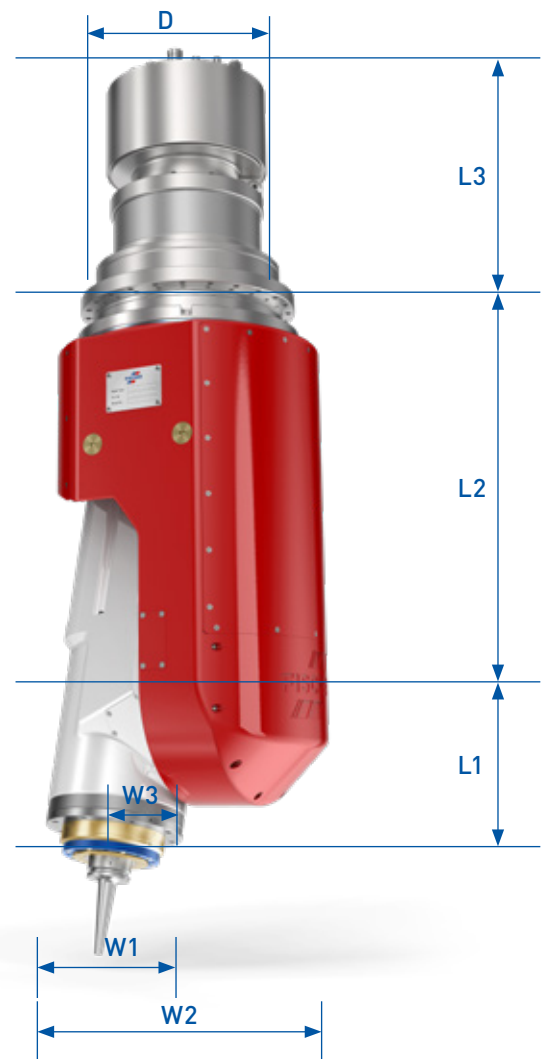
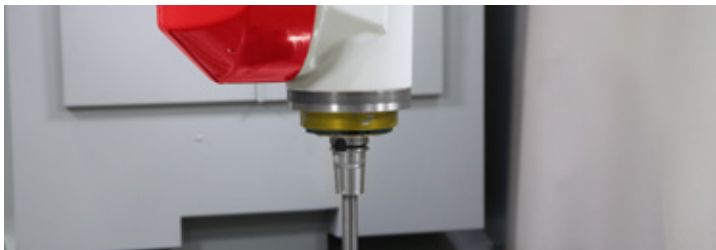
FISCHER Milling Heads



FISCHER Spindle & Head
solution from a single source

Milling Head S19i

- Head & Spindle form ONE system
- Compact design, allowing more machining space
- Interfaces between spindle and milling head optimized for reliability and performance
- Powerful drive train for dynamic 3+2 axis motion control



Spindle diameter	Ø190 mm	
C-Axis Range of Motion *		±360°
C-Axis Rated Torque	Nm	154
C-Axis Peak Torque	Nm	251
C-Axis Torque Clamped	Nm	1900
A-Axis Range of Motion		±110°
A-Axis Rated Torque	Nm	110
A-Axis Peak Torque	Nm	404
A-Axis Torque Clamped	Nm	1900
L1 = spindle gage line to the middle of the A-axis pivot point	mm	260
L2 = A-axis center to C-axis mounting surface	mm	595.2
L3 = C-axis mounting surface to the top of media plate	mm	ca. 376.42 (includes fixed connectors)
W1 = Distance from the center of C-axis to outside	mm	200
W2 =total width (diameter)	mm	400
W3 = Distance from the center of C-axis to the center of the spindle L2	mm	100.5
D = C-axis diameter for the Z-axis column		Ø285
Measuring System		Absolute / Optical
Measuring system communication		EnDat 2.2

*Value varies Customized

Milling Head D20

- Head & Spindle form ONE system
- Interfaces between spindle and milling head optimized for reliability, accessibility and performance
- Powerful and robust motors for dynamic 5-axis motion control
- Maximum stiffness and high dampening for optimal results during machining
- Service-friendly design



Spindle diameter		Ø190 mm	Ø200 mm
C-Axis Range of Motion*		±360°	±360°
C-Axis Rated Torque	Nm	744	744
C-Axis Peak Torque	Nm	1320	1320
C-Axis Torque Clamped	Nm	4000	4000
A-Axis Range of Motion		±110°	±110°
A-Axis Rated Torque	Nm	688	688
A-Axis Peak Torque	Nm	1228	1228
A-Axis Torque Clamped	Nm	4000	4000
L1 = spindle gage line to the middle of the A-axis pivot point	mm	250	327
L2 = A-axis center to C-axis mounting surface	mm	488	488
L3 = C-axis mounting surface to the top of media plate	mm	ca. 480 (includes fixed connectors)	ca. 480 (includes fixed connectors)
W1 = Distance from the center of C-axis to outside	mm	320	320
W2 = total width (diameter)	mm	640	640
D = C-axis diameter for the Z-axis column		Ø 330	Ø 330
Measuring System		Absolute / Optical	Absolute / Optical
Measuring system communication		EnDat 2.2	EnDat 2.2

*Value varies Customized



FISCHER USA Inc.
+1 800 333 6173
info-fusa@fischerspindle.com