

Simple Specials: XA1/2/6/7/11/17/18: Change of Rod End Shape

The following changes are dealt with through the Simple Specials System.
Please contact your local sales representative for more details.

2 CUJ (ø6 to ø20): Change of Rod End Shape

Symbol
-XA1/2/6/7/11/17/18

Applicable Series

Series			Action	Symbol for change of rod end shape
CUJ	Standard type	CUJ	Double acting, Single rod	ø6 to ø10 XA1/XA10/XA11/XA18 ø12 to ø20 XA1/XA2/XA6/XA7/XA11 XA17/XA18

⚠ Precautions

- SMC will make appropriate arrangements if no dimension, tolerance, or finish instructions are given in the diagram.
- Standard dimensions marked with "*" will be as follows to the rod diameter (D).
Enter any special dimension you desire.
ø6 to ø16 → D - 1 mm ø20 → D - 2 mm
- It is impossible to manufacture when XA17 and XA18 are the same male thread diameter as the piston rod external diameter.
- Please contact SMC separately for the piston rod end pattern part numbers other than the table above and the cases other than the manufacturing conditions.

Symbol: A1 	Symbol: A2 	Symbol: A6 	Symbol: A7
Symbol: A11 	Symbol: A17 	Symbol: A18 	

Conditions of Manufacture

ø6 to ø10

Symbol	Conditions of Manufacture
XA1	ø6 øM: 3.5 mm or less
	ø8 øM: 4.5 mm or less
	ø10 øM: 5 mm or less
XA11	ø6 SR2 mm or more
	ø8 SR2.5 mm or more
	ø10 SR3 mm or more
XA18	ø6 H1: M3 only, X: 48 mm or less
	ø8 H1: M4 only, X: 48 mm or less
	ø10 H1: M5 only, X: 48 mm or less

ø12 to ø20

Symbol	Conditions of Manufacture
XA1	ø12 øM: 3 to 5.4 mm
	ø16 øM: 3 to 7 mm
	ø20 øM: 4 to 8 mm
XA2	ø12 øJ: 4 mm or more, øI: 6 mm or less
	ø16 øJ: 4 mm or more, øI: 6 mm or less
	ø20 øJ: 5 mm or more, øI: 11 mm or less
XA6	ø12 H: M4 or less
	ø16 H: M6 or less
	ø20 H: M6 or less
XA7	ø12 H: M4 or less
	ø16 H: M5 or less
	ø20 H: M6 or less

Symbol	Conditions of Manufacture	
XA11	ø12	SR3 mm only
	ø16	SR4 mm only
	ø20	SR5 mm only
XA17	ø12	H1: M5 or more, X: 20 mm or less
	ø16	H1: M6 or more, X: 22.5 mm or less
	ø20	H1: M8 or more, X: 26.5 mm or less
XA18	ø12	H1: M5 or more, X: 20 mm or less
	ø16	H1: M6 or more, X: 22.5 mm or less
	ø20	H1: M8 or more, X: 26.5 mm or less