

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

These changes are dealt with Simple Specials System. Refer to the front matter pages for details.

Symbol

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

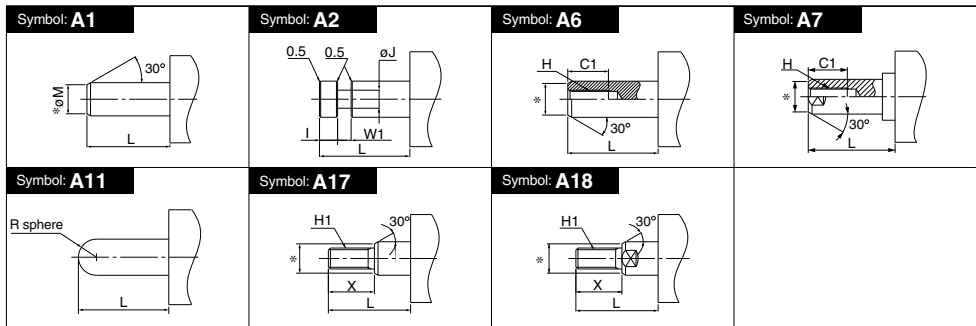
-XA1/2/6/7/11/17/18

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.



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