

Square Flange QF33 to QF64

Mounting instructions

Prior to mounting and application, check if the identification number on the square flange or the packaging corresponds to the ID on the delivery note.

Mounting position: In any position, yet always so that the complete stroke can be used. Always mount the square flange in order for the forces to be transferred centrally into the shock absorber via the piston rod. The maximum permissible side load angle of the individual shock absorber type (see chart) may not be exceeded. To minimize the unsupported length, it is recommended to mount the square flange in the first third of the shock absorber body.

WARNING

- Square flanges QF may only be used with the appropriate ACE shock absorbers according to see chart.
- Square flanges QF and the corresponding screws are dimensioned so that the maximum arising supporting forces can be accepted safely.
- The correct dimensioning of the shock absorber according to ACE catalogue, or mounting/operating manual, is absolutely necessary. Square flanges QF may not be used, when overloading, i. e., a faulty calculation of a shock absorber has occurred.

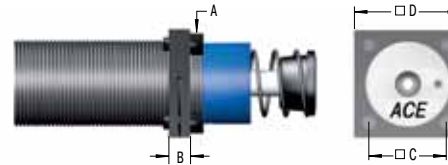
Mounting

Assemble the square flange with the provided cylinder head bolt (DIN 912). The mounting surface must be level. The threads on the connection parts must be able to accept the maximum arising supporting forces during operation safely. Refer to technical support of ACE for supporting forces. After aligning the square flange and positioning the shock absorber in the required position, tighten the screws with the torque stated in the chart. The shock absorber(s) need not be secured with an additional locknut. The shock absorber(s) are secured with the integrated clamp slot while adhering to the recommended tightening torque.

Disposal of packaging

Dispose packaging in an environmentally safe manner. The recycling of packaging saves raw materials and lowers the amount of waste. The used packaging materials do not contain illegal substances.

Square Flange QF33 to QF64



SCS-Types: blue Stop Collar
MC-, MA-, ML-Types: black Stop Collar

Square Flange QF

	Type	Max. Side Load Angle °	A	Max. torque Nm	B	C	D
QF33	SCS33-25EU SCS33-50EU	3 2	M6x20	11	10	32	44
	MC, MA, ML3325EUM MC, MA, ML3350EUM	4 3					
QF45	SCS45-25EU SCS45-50EU SCS45-75EU	3 2 1	M8x25	27	12	42	56
	MC, MA, ML4525EUM MC, MA, ML4550EUM MC, MA4575EUM	4 3 2					
QF64	SCS64-50EU SCS64-100EU SCS64-150EU	3 2 1	M10x30	50	16	58	80
	ML6425EUM MC, MA, ML6450EUM MC, MA64100EUM MA64150EUM	5 4 3 2					