Special Mounts

Mounts

KALLER®

K

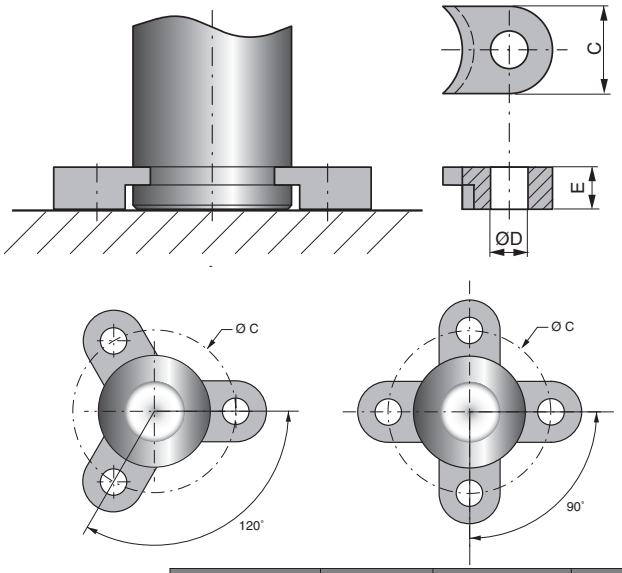
The K-lug can be used to clamp the gas spring vertically upright to the tool. The gas spring can be clamped down using 2, 3 or 4 K-lugs.

If only 2 lugs are used, then locking plate L must also be used for fixing the gas spring. Note! When using locking plate L together with K-lugs the spring can not be hosed together as the L-plate will cover the gas charge port of the gas spring (use KU-lugs instead).

Important! The K-lugs are only to be used to mount the spring vertically upright. Surface finish = Black oxide.

Order No.	C	ØD	E	Min No. per spring
K-250	20	7	7	3
K-500	25	9	7	3
K-750	30	13.5	14	3
K-1500	30	13.5	14	3
K-3000	40	17.5	14	3
K-5000	50	17.5	14	3
K-7500	50	21.5	14	3
K-10000	58	21.5	15	3

Note! When ordering lug K for TB springs, a lug of larger size than the spring must be used. For example, a TB 750 spring requires lug K-1500.



Spring size	Screw size	Tourqe (Nm)*	ØC
250	M6	10-17	56.6
500	M8	25-40	70.7
750	M12	85-136	80
X 1500	M12	85-136	92
1500 (TB 750)	M12	85-136	104
3000 (TB 1500)	M16	200-333	130
5000 (TB 3000)	M16	200-333	155
7500 (TB 5000)	M20	390-649	195
10 000	M20	390-649	240

*) Torque setting depends on the strength of screw used!

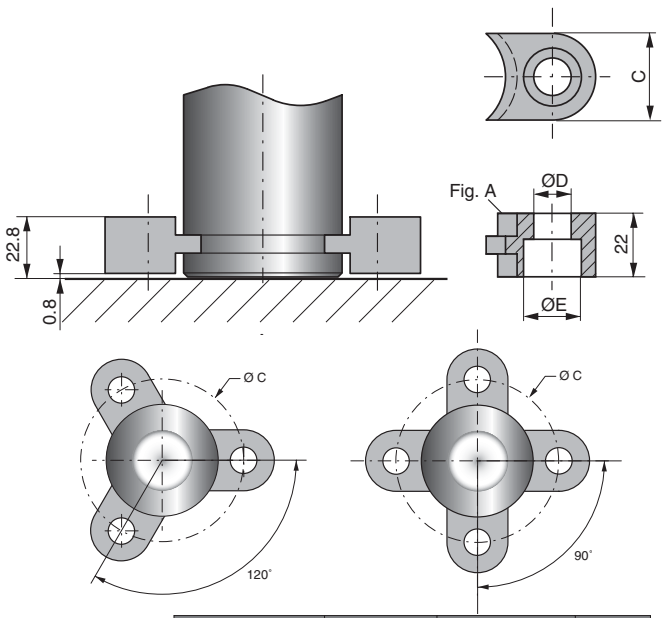
KU

The KU-lug is a reversible variant of the K-lug. KU-lugs are used to clamp the gas spring vertically upright to the tool. The gas springs can be clamped down using 2, 3 or 4 lugs.

If only 2 lugs are used, then the KU-lugs should be positioned as shown in Fig. A and a locking plate L attached before fixing the gas spring. The KU lugs are only to be used to mount the spring vertically upright. Surface finish = Black oxide.

Order No.	C	ØD	ØE	Min. no. per spring *
KU-750	30	13.5	20	3
KU-1500	30	13.5	20	3
KU-3000	40	17.5	26	3
KU-5000	50	17.5	26	3
KU-7500	50	21.5	33.2	3

Note! When ordering lug K for TB springs, a lug of larger size than the spring must be used. For example, a TB 750 spring requires lug K-1500.



Spring size	Screw size	Tourqe (Nm)*	ØC
750	M12	25-40	80
1500 (TB 750)	M12	85-136	104
3000 (TB 1500)	M16	85-136	130
5000 (TB 3000)	M16	200-333	155
7500 (TB 5000)	M20	200-333	195
10 000	M20	390-649	240

*) Torque setting depends on the strength of screw used!

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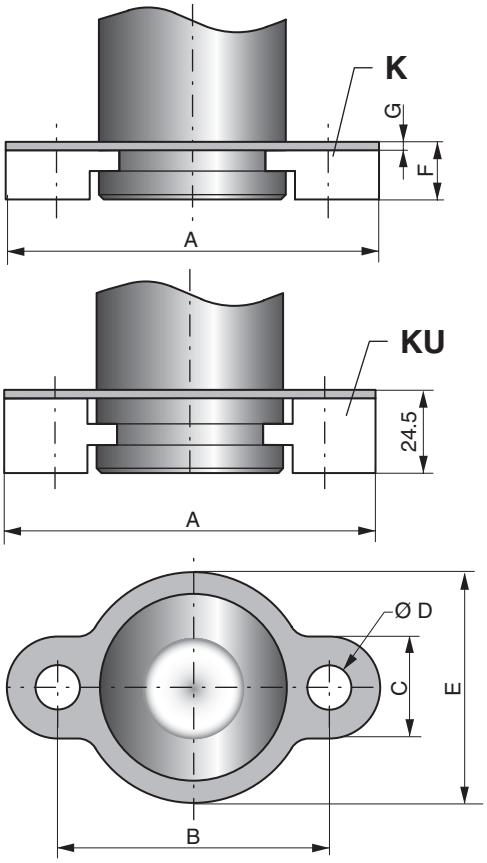
L

When fixing gas springs vertically upright using 2 lugs, K or KU, locking plate L must be used at the same time to ensure that the spring will be fixed radially. Locking plate L in combination with KU-lugs as shown in Fig. A (opposite) can be used for gas springs that are to be connected to a hose system.
Surface finish = Black oxide.

Order No.	A	B	C	ØD	E	F	G
L-250	76.6	56.6	20	7	48	9.5	2.5
L-500	95.8	70.7	25	9	56	9.5	2.5
L-750	110	80	30	13	61	16.5	2.5
L-1500	134	104	30	13	86	16.5	2.5
L-3000	170	130	40	17	106	16.5	2.5
L-5000	205	155	50	17	131	16.5	2.5
L-7500	245	195	50	21	170	16.5	2.5



Mounts

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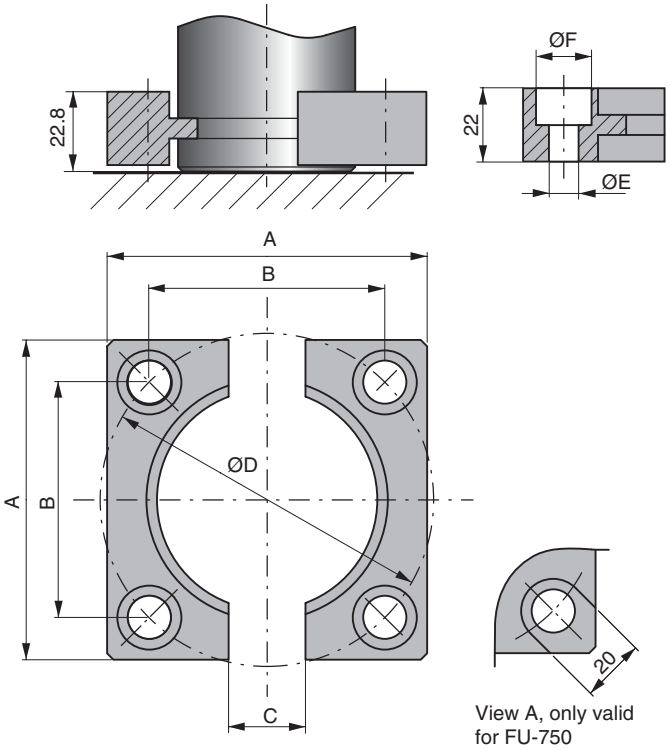
FU

A 2-piece flange with counter bored holes for the bolt heads. Without the addition of a support the flange is designed only for mounting vertically. All sizes except the FU-500 can be reversed. Note! the base of the spring must be backed up at all times.
Surface finish = Black oxide.



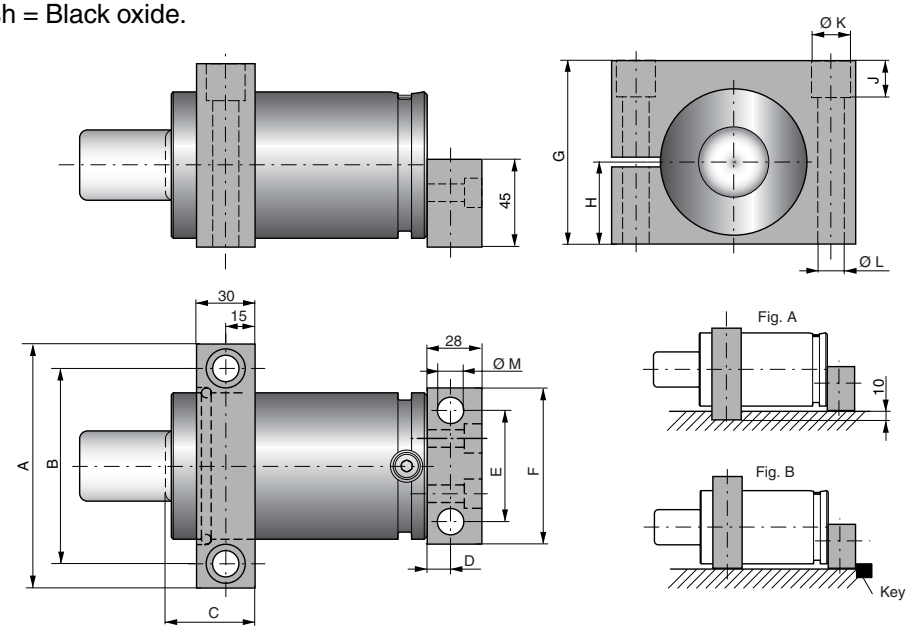
Order No.	A	B	C	ØD	ØE	ØF
FU-500	70	50	20	70.7	9	15
FU-750	75	56.5	24	80	13.5	View A
FU-1500	100	73.5	24	104	13.5	20
FU-3000	120	92	24	130	17.5	26
FU-5000	140	109.5	24	155	17.5	26
FU-7500	190	138	24	195.2	21.5	33

Note! When ordering flange FU for TB springs, a flange of larger size than the spring must be used.
For example, a TB 750 spring requires flange FU-1500.

HM

HM (Horizontal Mount) is a mount for TU 750-3000 springs. This mount is according to FORD and GM automotive standards. The front support can be rotated 180° allowing it to be mounted in a 10 mm key-groove. If the front support is not mounted in a key-groove, we recommend that the rear mount is backed up using a key (see Fig. A and B).

The support is delivered complete with screws for attaching the mount to the spring.
Surface finish = Black oxide.



Order No.	A	B	C	D	E	F	G	H	J	Ø K	Ø L	Ø M
HM-750	90	68	43	13	44	65	70	30	25	18	11	11
HM-1500	125	100	45	12	57	80	94	42	19	20	13.5	13.5
HM-3000	140	115	48	15	70	95	115	52.5	40	20	13.5	13.5

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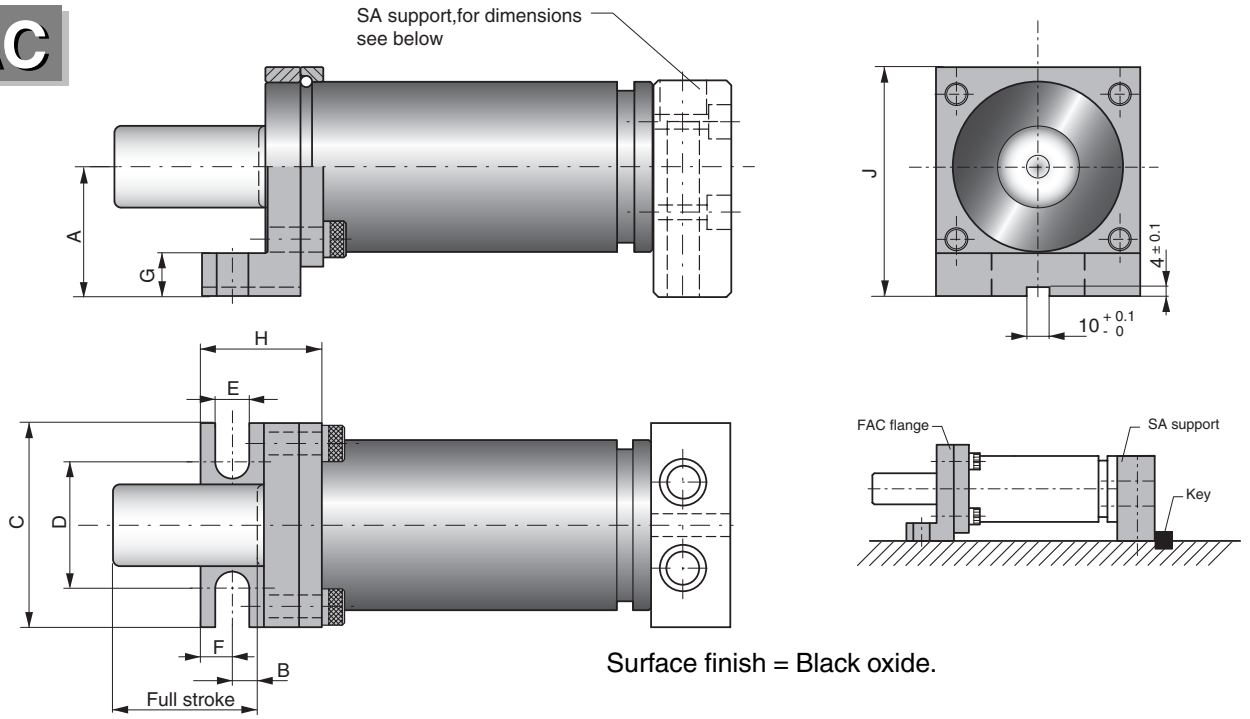
Mounts

FAC



Surface finish = Black oxide.

The FAC is a 90° angled, 2-piece flange for TU 750-5000 and TB 750-3000 gas springs. The flange is only to be used together with support SA or other support that supports the bottom of the spring. It is recommended the SA-mount is backed with a key, see figure above.

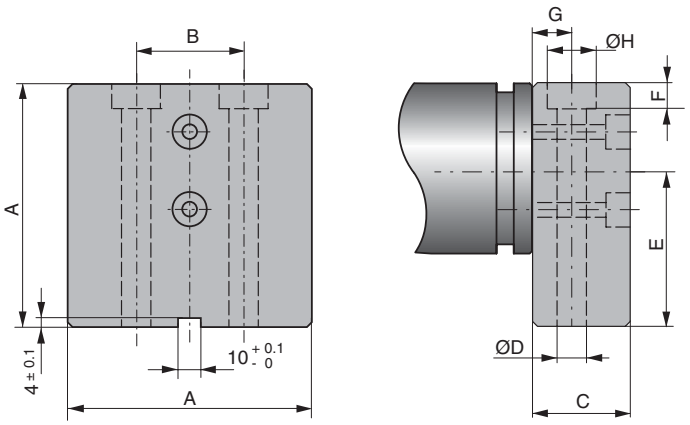
Order No.	A	B	C	D	E	F	G	H	J
FAC-750	38	8	65	33	12	11	13	45.5	70
FAC-1500	57	11	90	37	15	14	19	53.5	101
FAC-3000	66.5	11	110	63	15	14	19	57.5	121
FAC-5000	79	11	140	88	18	14	19	59.5	149

Note! When ordering flange FAC for TB springs, a flange of larger size than the spring must be used. For example, a TB 750 spring requires flange FAC-1500.

SA

The SA support can be fitted using mounting option B on TU and TB springs and is normally used together with flange FAC, see above. The SA support is delivered with screws needed to mount the support to the spring.

It is recommended to back the SA-mount with a key, see figure above.



Order No.	A	B	C	ØD	E	F	G	ØH
SA-750	60	32	30	11.5	38	11	11	18
SA-1500	90	38	35	14.5	57	13	14	20.5
SA-3000	110	63.5	40	14.5	66.5	13	14	20.5
SA-5000	130	88.9	50	17.5	79	16	14	25

Surface finish = Black oxide.

Note! When ordering SA support for TB springs, a larger size than the spring must be used. For example, a TB 750 spring requires an SA-1500 support.

Mounts

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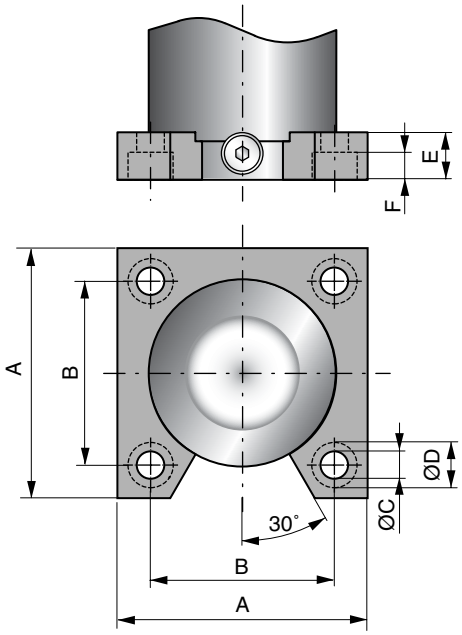
SW

The SW (Square Welded) is a welded mount for the TU 750-7500 springs. This is a mount is according to FORD Standard WDX356017. This mount must always be ordered together with the gas spring.

For more information about this mount contact your distributor.

Order Nr.	A	B	ØC	ØD	E	F
SW-750	80	56.5	11	18	19	11
SW-1500	100	73.5	11	18	19	11
SW-3000	120	92	13.5	20	25	13
SW-5000	140	109.5	13.5	20	25	13
SW-7500	190	138	17.5	26	25	17

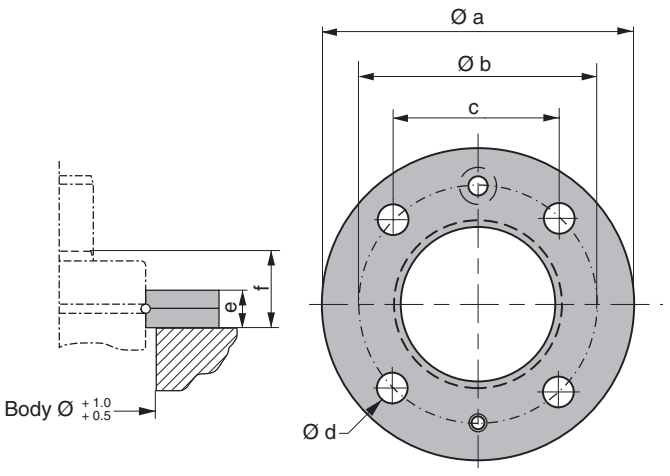


Surface finish = Black oxide.

FORD FC-750

This is the Ford version of the standrad FC-750, according to FORD standard WDX356019 (see also page 3.17/6).

The difference being the size of the four attachment holes.

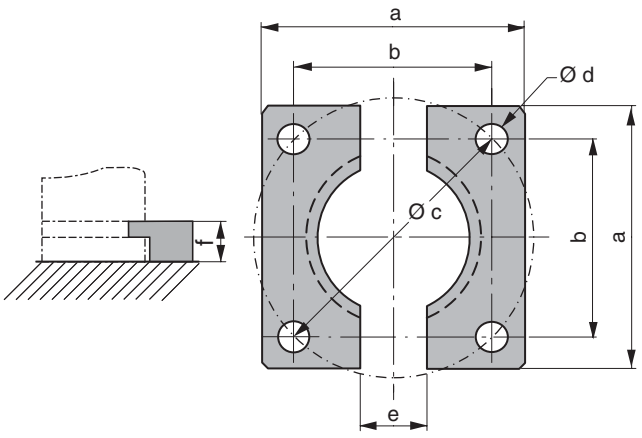


Order No.	Ø A	Ø B	C	Ø D	E	F
FORD FC-750	95	80	56.5	11	13	4

FORD FFC-750

This is the Ford version of the standrad FFC-750, according to FORD standard WDX356018 (see also page 3.17/5).

The difference being the size of the four attachment holes.



Order No.	A	B	Ø C	Ø D	E	F
FORD FFC-750	75	56.5	80	11	24	12

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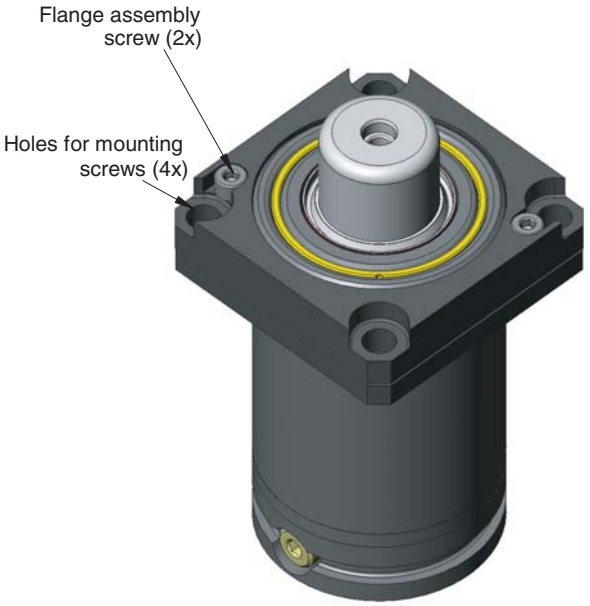
FCSC

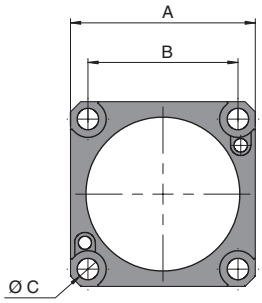
The FCSC Clamp Flange has a unique patented design that offers a very robust play free connection between the gas spring and the mount. This play free connection also eliminates rotation of the gas spring.

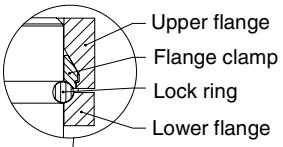
The FCSC Clamp Flange is especially suitable for gas springs that are to be hosed together and/or have high speed, long stroke upside-down installations.

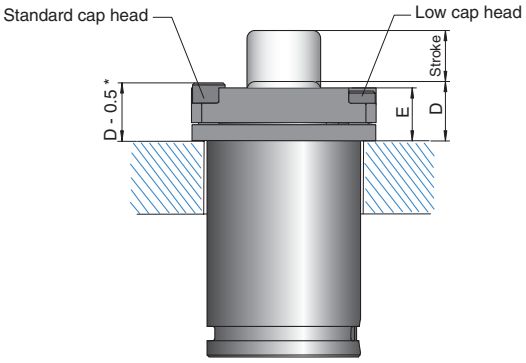
The FCSC Clamp Flange is available for gas springs sizes from 750 up to 7500.

Please Note! The FCSC and FCS flanges are fully interchangeable if low cap head mounting screws (4x) are used. Using low cap head screws makes the top of the screw sit flush with the top of the flange. Using normal cap head screws causes the top of the screw to protrude from the top of the flange by 3 mm.

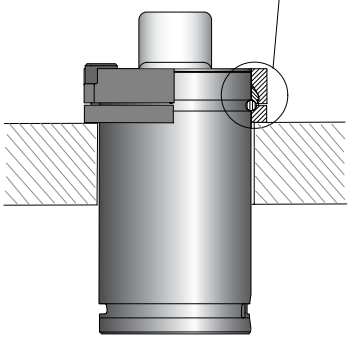


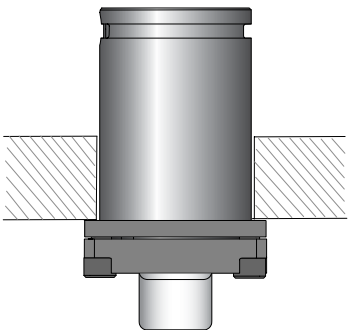






Low cap head screws are recommended
* If standard screws are used





Order No.	A	B	ØC	D	E
FCSC-750	70	56.5	9	24	19.5
FCSC-1500	90	73.5	10.5	29	26
FCSC-3000	110	92	12.5	33	30
FCSC-5000	130	109.5	12.5	36	32.5
FCSC-7500	162	138	16.5	41	38

Patent No. SE 521352, other patents pending