

# Hydrant couplings "Storz" system

Due to their easy and fast assembly, hydrant couplings, usually referred to as Storz couplings, are mainly used by fire brigades. They are symmetric couplings in which the connection fittings to be coupled are identical on the coupling side and can thus be connected in any form.

The opposite claws, referred to as cleats, are engaged by means of rotation.

When selecting size A, B, C or D, the cleat distance must be observed.

In case of seals of NBR rubber, oil- and petrol-resistant  
In case of stainless steel couplings of FKM

Thread: G = ISO 228-1

Materials: SS = stainless steel 1.4571/1.4408,  
MS = brass, AL = aluminium alloy

Other materials upon request



**Suction couplings**  
with long hose fitting

Order number	Coupling size STORZ	DN hose fitting Ø [mm]	Inner cleat distance	Material
2 D 19 AL	D	19	31	AL
2 D 19 MS	D	19	31	MS
2 DAL	D	25	31	AL
2 DMS	D	25	31	MS
2 DSS	D	25	31	SS
2 C 25 AL	C	25	66	AL
2 C 25 MS	C	25	66	MS
2 C 32 AL	C	32	66	AL
2 C 32 MS	C	32	66	MS
2 C 38 AL	C	38	66	AL
2 C 38 MS	C	38	66	MS
2 C 38 SS	C	38	66	SS
2 C 45 AL	C	45	66	AL
2 C 45 MS	C	45	66	MS
2 CAL	C	52	66	AL
2 CMS	C	52	66	MS
2 CSS	C	52	66	SS
2 C 60 AL	C	60	66	AL
2 B 65 AL	B	65	89	AL
2 B 65 MS	B	65	89	MS
2 B 65 SS	B	65	89	SS
2 BAL	B	75	89	AL
2 BMS	B	75	89	MS
2 B 75 SS	B	75	89	SS
2 B 80 AL	B	80	89	AL
2 A 100 AL	A	100	133	AL
2 A 100 MS	A	100	133	MS
2 A 100 SS	A	100	133	SS
2 AAL	A	110	133	AL
2 AMS	A	110	133	MS
2 ASS	A	110	133	SS
2125 AL	125	125	148	AL
2135 AL	135	135	159	AL
2150 AL	150	150	160 (3 cleats)	AL
2165 AL	165	150	188	AL



### Fixed couplings with internal thread

Order number	Coupling-size STORZ	Thread	Inner cleat distance	Material
3 D 12 AL	D	G 1/2	31	AL
3 D 12 MS	D	G 1/2	31	MS
3 D 34 AL	D	G 3/4	31	AL
3 D 34 MS	D	G 3/4	31	MS
3 D AL	D	G 1	31	AL
3 DMS	D	G 1	31	MS
3 DSS	D	G 1	31	SS
3 C 10 AL	C	G 1	66	AL
3 C 10 MS	C	G 1	66	MS
3 C 114 AL	C	G 1 1/4	66	AL
3 C 114 MS	C	G 1 1/4	66	MS
3 C 114 SS	C	G 1 1/4	66	SS
3 C 112 AL	C	G 1 1/2	66	AL
3 C 112 MS	C	G 1 1/2	66	MS
3 C 112 SS	C	G 1 1/2	66	SS
3 CAL	C	G 2	66	AL
3 CMS	C	G 2	66	MS
3 CSS	C	G 2	66	SS
3 C 212 AL	C	G 2 1/2	66	AL
3 C 212 MS	C	G 2 1/2	66	MS
3 B 2 AL	B	G 2	89	AL
3 B 2 MS	B	G 2	89	MS
3 BAL	B	G 2 1/2	89	AL
3 BMS	B	G 2 1/2	89	MS
3 BSS	B	G 2 1/2	89	SS
3 B 3 AL	B	G 3	89	AL
3 B 3 MS	B	G 3	89	MS
3 B 3 SS	B	G 3	89	SS
3 A 4 AL	A	G 4	133	AL
3 A 4 MS	A	G 4	133	MS
3 A 4 SS	A	G 4	133	SS
3 AAL	A	G 4 1/2	133	SL
3 AMS	A	G 4 1/2	133	MS
3 ASS	A	G 4 1/2	133	SS
3125 AL	125	G 5	148	AL
3125 MS	125	G 5	148	MS
3135 AL	135	G 5	159	AL
3150 AL	150	G 6	160 (3 cleats)	AL
3165 AL	165	G 6	188	AL



### Fixed couplings with external thread

Order number	Coupling-size STORZ	Thread	Inner cleat distance	Material
4 D 1 AL	D	G 1	31	AL
4 D 1 MS	D	G 1	31	MS
4 C 114 AL	C	G 1 1/4	66	AL
4 C 114 MS	C	G 1 1/4	66	MS
4 C 112 AL	C	G 1 1/2	66	AL
4 C 112 MS	C	G 1 1/2	66	MS
4 CAL	C	G 2	66	AL
4 C 2 MS	C	G 2	66	MS
4 C 2 SS	C	G 2	66	SS
4 B 212 AL	B	G 2 1/2	89	AL
4 B 212 MS	B	G 2 1/2	89	MS
4 B 212 SS	B	G 2 1/2	89	SS
4 B 3 AL	B	G 3	89	AL
4 B 3 MS	B	G 3	89	MS
4 B 3 SS	B	G 3	89	SS



### Blind couplings with chain

Order number	Coupling-size STORZ	Inner cleat distance	Material
8 DAL	D	31	AL
8 DMS	D	31	MS
8 DSS	D	31	SS
8 CAL	C	66	AL
8 CMS	C	66	MS
8 CSS	C	66	SS
8 BAL	B	89	AL
8 BMS	B	89	MS
8 BSS	B	89	SS
8 AAL	A	133	AL
8 AMS	A	133	MS
8 ASS	A	133	SS

# Hydrant couplings "Storz" system

In case of seals of NBR rubber,  
oil- and petrol-resistant  
In case of stainless steel couplings of FKM

Thread: G = ISO 228-1

Materials: SS = stainless steel 1.4571/1.4408,  
MS = brass, AL = aluminium alloy

Materials:  
For the abbreviation, see Materials register

Other materials upon request



**Couplings rotatable**  
with external thread

Order number	Coupling-size STORZ	Thread	Inner cleat distance	Material
4 CALDR	C	G 2 A	66	AL
4 B 212 ALDR	B	G 2 1/2 A	89	AL
4 B 3 ALDR	B	G 2 A	89	AL
4 A 3 ALDR	A	G 3 A	133	AL
4 A 4 ALDR	A	G 4 A	133	AL



**Couplings rotatable**  
with internal thread

Order number	Coupling-size STORZ	Thread	Inner cleat distance	Material
3 C 112 ALDR	C	G 2 1/2	66	AL
3 C ALDR	C	G 2	66	AL
3 B ALDR	B	G 2 1/2	89	AL
3 B 3 ALDR	B	G 3	89	AL
3 A 4 ALDR	A	G 4	133	AL



**Transition pieces**

Order number	Coupling size STORZ	Internal cleat distance	Material
7 CDAL	C–D	66/31	AL
7 CDMS	C–D	66/31	MS
7 CDSS	C–D	66/31	SS
7 BCAL	B–C	89/66	AL
7 BCMS	B–C	89 /66	MS
7 BCSS	B–C	89/66	SS
7 ABAL	A–B	133/89	AL
7 ABMS	A–B	133/89	MS
7 ABSS	A–B	133/89	SS



### Couplings

with hose fitting and safety collar

Order number	Size	DN	Material
SKSD 25 SS SKSD 25 SS MS SKSD 25 MS SKSC 25 AL	D	25	SS SS/MS MS AL
SKSC 38 SS SKSC 38 SS MS SKSC 38 MS SKSC 38 AL	C	38	SS SS/MS MS AL
SKSC 40 SS SKSC 40 SS MS SKSC 40 MS SKSC 40 AL	C	40	SS SS/MS MS AL
SKSC 50 SS SKSC 50 SS MS SKSC 50 MS SKSC 50 AL	C	50	SS SS/MS MS AL
SKSC 65 MS SKSC 65 AL	B	65	MS AL
SKSB 75 SS SKSB 75 SS MS SKSB 75 MS SKSB 75 AL	B	75	SS SS/MS MS AL
SKSA 100 SS SKSA 100 SS MS SKSA 100 MS SKSA 100 AL	A	100	SS SS/MS MS AL



### Coupling

with fixed flange

Order number	Coupling-size STORZ	Flange size	Inner cleat distance	Material
9 C 50 AL	C	DN 50 PN 16	66	AL
9 B 65 AL 9 B 80 AL	B	DN 65 PN 16 DN 80 PN 16	89	AL
9 A 100 AL	A	DN 100 PN 16	133	AL



### Suction and pressure seals

for Storz couplings

Order number	for coupling size	Material
SDP SDV	D D	NBR FKM
SCP SCV	C C	NBR FKM
SBP SBV	B B	NBR FKM
SAP SAV	A A	NBR FKM

NBR seals, in case of stainless steel or FKM

Other materials upon request

