

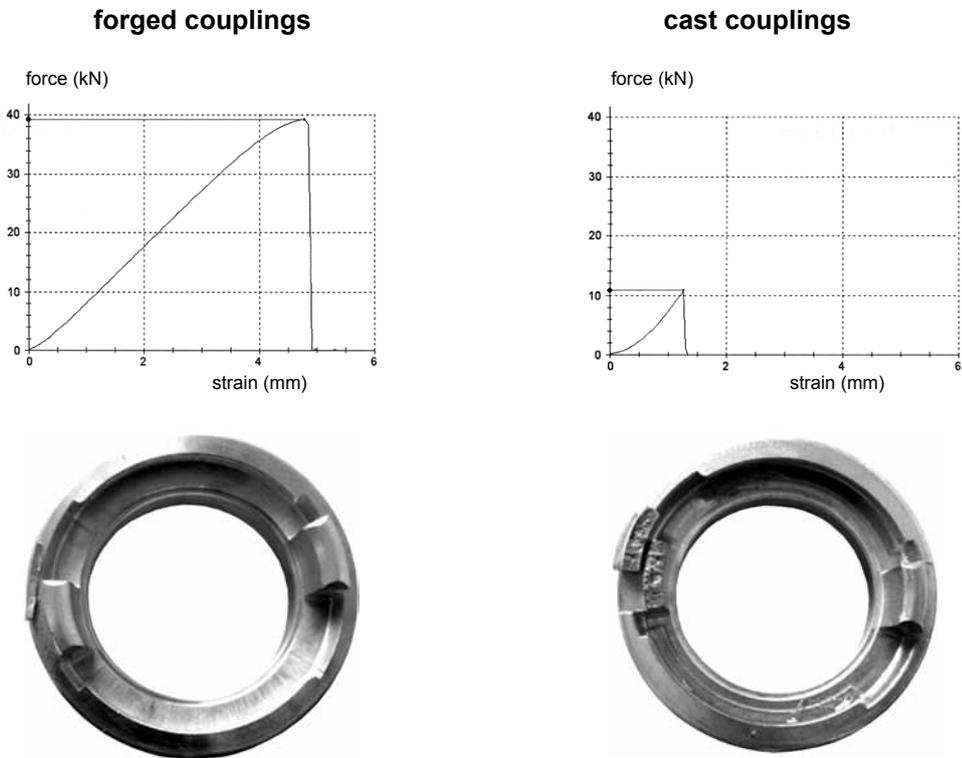
INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ

STORZ couplings are designed for industrial applications transferring loose and liquid products. Widely used in fire departments, irrigation systems, chemical and food industry, agriculture, etc. The couplings connect particularly easy because the connecting halves are symmetrical. However only parts with the same lug dimension (KA) can be secured together.

The difference between cast and forged couplings

STORZ couplings are available in two versions: forged couplings (according to DIN standards) and cast couplings. The cast couplings have lower material strength and are more prone to casting defects. They can only be used for low working pressure (up to 6 bar and less demanding and reliable applications). As a standard TUBES INTERNATIONAL® provides high quality forged couplings with working pressure up to 16 bar. The cast couplings are available as well - special marking (*) in our catalogue. The quality difference between the cast and forged couplings is pictured on the charts below showing a pull test results of the forged and cast couplings. The lugs break under pressure and the cast coupling fails.



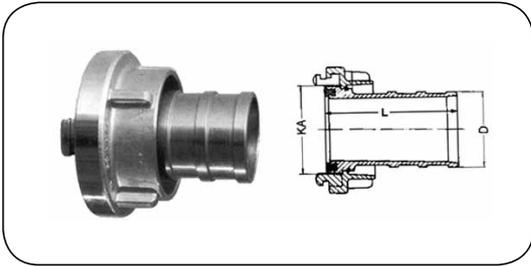
Seal selection

A vacuum resistant seal for suction and delivery hoses is a standard. The couplings for delivery hoses (with a short hose tail) have seals which are not resistant to vacuum. STORZ couplings made of aluminium have white NBR rubber seal, brass couplings - black NBR rubber, stainless steel couplings - Viton seal. There are seals made of other materials also available - selection according to the parameters in the table below.

seal material	working temperature range	food applications	resistance to oils and lubricants
NBR	from -40°C up to +110°C	white - yes	limited
silicone	from -60°C up to +180°C	yes	no
Viton	from -15°C up to +200°C	no	yes
EPDM	from -35°C up to +130°C	no	no

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ



Coupling with hose tail

Material: Aluminium (Al), brass (Ms), stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

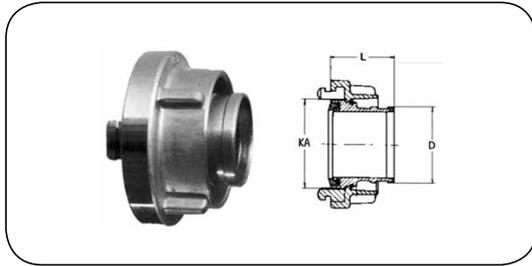
code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	hose diam. D [mm]	length L Al / Ms / SS [mm]
-	ST-12-031013-30	-	25-D	31	15	-- / 60 / --
ST-12-031019-19	-	-			21/19	55 / -- / --
ST-12-031025-11	ST-12-031025-30	ST-12-031025-43			25	53 / 53 / 53
ST-12-044019-11	ST-12-044019-30	-	32	44	19	70 / 70 / --
ST-12-044025-11	ST-12-044025-30	-			25	70 / 70 / --
ST-12-044032-11	ST-12-044032-30	-			32	70 / 70 / --
ST-12-051025-11	ST-12-051025-30	-	38	51	25	90 / 90 / --
ST-12-051032-11	ST-12-051032-30	-			32	90 / 90 / --
ST-12-051038-11	ST-12-051038-30	ST-12-051038-43			38	90 / 90 / 90
ST-12-066019-11	-	ST-12-066019-43	52-C	66	19	90 / -- / 90
ST-12-066025-11	ST-12-066025-30	ST-12-066025-43			25	90 / 90 / 90
ST-12-066028-11	-	-			28	90 / -- / --
ST-12-066032-11	ST-12-066032-30	ST-12-066032-43			32	90 / 90 / 90
ST-12-066032-21*	-	-			32	90 / -- / --
ST-12-066038-11	ST-12-066038-30	ST-12-066038-43			38	90 / 90 / 90
ST-12-066038-21*	-	-			38	90 / -- / --
ST-12-066040-11	-	ST-12-066040-43			40	90 / -- / 90
ST-12-066042-11	-	ST-12-066042-43			42	90 / -- / 90
ST-12-066042-21*	-	-			42	90 / -- / --
ST-12-066045-11	ST-12-066045-30	ST-12-066045-43			45	90 / 90 / 90
ST-12-066045-21*	-	-			45	90 / -- / --
ST-12-066050-11	-	ST-12-066050-43			50	90 / -- / 90
ST-12-066052-11	ST-12-066052-30	ST-12-066052-43			52	90 / 90 / 90
ST-12-066052-21*	-	-			52	90 / -- / --
ST-12-066055-11	-	-			55	90 / -- / --
ST-12-066060-11	-	-			60	90 / -- / --
ST-12-081038-11	ST-12-081038-30	ST-12-081038-43	65	81	38	90 / 90 / 90
ST-12-081052-11	ST-12-081052-30	ST-12-081052-43			52	95 / 90 / 95
ST-12-081063-11	-	-			63	95 / -- / --
ST-12-081065-11	ST-12-081065-30	ST-12-081065-43			65	95 / 90 / 100
ST-12-081070-11	-	-			70	95 / -- / --
ST-12-081075-11	ST-12-081075-30	ST-12-081075-43			75	95 / 90 / 95
ST-12-089052-11	-	-			52	125 / -- / --
ST-12-089065-11	ST-12-089065-30	ST-12-089065-43	75-B	89	65	125 / 95 / 105
ST-12-089065-21*	-	-			65	125 / -- / --
ST-12-089070-11	-	-			70	125 / -- / --
ST-12-089075-11	ST-12-089075-30	ST-12-089075-43			75	125 / 125 / 105
ST-12-089075-21*	-	-			75	125 / -- / --
ST-12-089080-11	-	ST-12-089080-43			80	125 / -- / 105
ST-12-105075-11	-	-			75	160 / -- / --
ST-12-105090-11	-	-	90	160 / -- / --		
ST-12-115100-11	ST-12-115100-30	ST-12-115100-43	100	115	100	150 / 125 / 150
ST-12-133090-11	-	-	110-A	133	90	170 / -- / --
ST-12-133100-11	ST-12-133100-30	ST-12-133100-43			100	170 / 170 / 170
ST-12-133100-21*	-	-			100	170 / -- / --
ST-12-133110-11	ST-12-133110-30	ST-12-133110-43			110	170 / 170 / 170
ST-12-133125-11	-	-			125	180 / -- / --
ST-12-148125-11	ST-12-148125-30	ST-12-148125-43	125	148	125	200 / 142 / 180
ST-12-160150-11	ST-12-160150-30	ST-12-160150-43	150	160	150	180 / 180 / 180
ST-12-220205-11**	-	-	205	220	205	375 / -- / --
ST-12-278258-11**	-	-	250	278	258	400 / -- / --

* - cast coupling PN 6 bar

** - PN 10 bar

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ



Delivery hose coupling

Material: Aluminium (Al), brass (Ms),
Working press.: 16 bar
Seal: White NBR rubber for aluminium,
 black NBR rubber for brass

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	hose diam. D [mm]	length L Al / Ms / SS [mm]
ST-11-059045-16	-	-	45	59	45	75 / - / -
ST-11-066040-16	-	-	52-C	66	40	70 / - / -
ST-11-066042-16	ST-11-066042-35	-			42	55 / 55 / -
ST-11-066045-16	-	-			45	70 / - / -
ST-11-066052-16	ST-11-066052-35	-			52	55 / 75 / -
ST-11-066052-25*	-	-			52	55 / - / -
ST-11-066055-16	-	-			55	70 / - / -
ST-11-081052-16	-	-			65	81
ST-11-081065-16	-	-	65	60 / - / -		
ST-11-081075-16	-	-	75	65 / - / -		
ST-11-089065-16	-	-	75-B	89	65	85 / - / -
ST-11-089070-16	-	-			70	75 / - / -
ST-11-089075-16	ST-11089075-35	-			75	60 / 85 / -
ST-11-089075-25*	-	-			75	60 / - / -
ST-11-115100-16	-	-			100	115
ST-11-133100-11	-	-	110-A	133	100	110 / - / -
ST-11-133110-11	-	-			110	110 / - / -

* - cast couplings PN 6 bar



Coupling for RS clamp assembly

Material: Aluminium (Al), brass (Ms),
 stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium,
 black NBR rubber for brass,
 Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	hose diam. D [mm]	length L Al / Ms / SS [mm]
-	ST-13-031019-30	ST-13-031019-43	25-D	31	19	- / 73 / 73
ST-13-031025-11	ST-13-031025-30	ST-13-031025-43			25	75 / 73 / 75
-	-	ST-13-066032-43	52-C	66	32	- / - / 95
ST-13-066038-11	-	ST-13-066038-43			38	90 / - / 95
ST-13-066050-11	ST-13-066050-30	ST-13-066050-43			50	95 / 95 / 95
-	-	ST-13-081050-43	65	81	50	- / - / 95
ST-13-089063-11	-	-	75-B	89	63	115 / - / -
ST-13-089075-11	-	ST-13-089075-43			75	105 / - / 105
ST-13-115100-11	-	-	100	115	100	195 / - / -
ST-13-133100-11	-	ST-13-133100-43	110-A	133	100	145 / - / 145
ST-13-148125-11	-	-	125	148	125	190 / - / -
ST-13-160150-11	-	-	150	160	150	250 / - / -

INDUSTRIAL FITTINGS - couplings

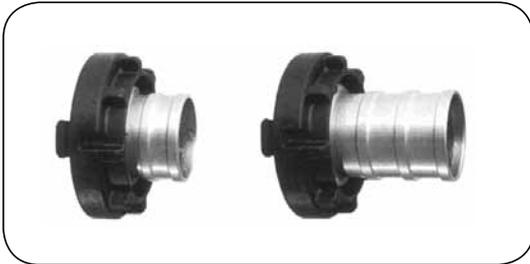
Symmetrical couplings STORZ



Coupling with serrated hose tail

Material: Aluminium (Al), brass (Ms), stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	hose diam. D [mm]	length L Al / Ms / SS [mm]
ST-12-031013-11	-	-	25-D	31	15/13	55 / - / -
ST-12-031019-11	ST-12-031019-30	ST-12-031019-43			21/19	55 / 55 / 55
ST-14-066052-11	-	-	52-C	66	51	90 / - / -
ST-14-089076-11	-	-	75-B	89	76	125 / - / -
ST-14-133102-11	-	-	110-A	133	102	170 / - / -
ST-14-133110-11	-	-			110	170 / - / -
ST-14-148127-11	-	-	125	148	127	190 / - / -
ST-14-160152-11	-	-	150	160	152	180 / - / -



Coupling with hose tail and plastic head

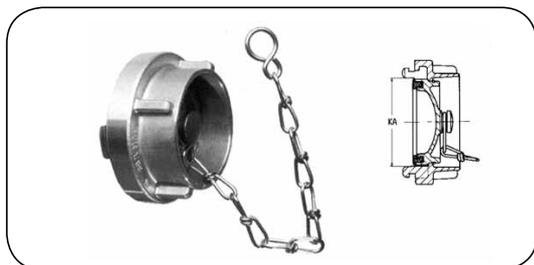
Head material: High performance plastic
Tail material: Aluminium (Al)
Working press.: 10 bar
Seal: Black NBR rubber

code	size	lug dimension KA [mm]	hose diameter D [mm]	length L [mm]
ST-12-066019-60	52-C	66	19	90
ST-12-066025-60			25	90
ST-12-066032-60			32	90
ST-12-066038-60			38	90
ST-12-066040-60			40	90
ST-11-066042-65*			42	55
ST-12-066042-60			42	90
ST-11-066045-65*			45	70
ST-12-066045-60			45	90
ST-12-066050-60			50	90
ST-11-066052-65*			52	55
ST-12-066052-60			52	90
ST-12-066055-60			55	90
ST-12-066060-60			60	90

* - coupling with a shorter hose tail

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ



Blank cap

Material: Aluminium (Al), brass (Ms), stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]
ST-31-031000-11	ST-31-031000-30	ST-31-031000-43	25-D	31
ST-31-044000-11	ST-31-044000-30	-	32	44
ST-31-051000-11	ST-31-051000-30	ST-31-051000-43	38	51
ST-31-059000-11	-	-	45	59
ST-31-066000-11	ST-31-066000-30	ST-31-066000-43	52-C	66
ST-31-066000-21*	-	-		
ST-31-081000-11	ST-31-081000-30	ST-31-081000-43	65	81
ST-31-089000-11	ST-31-089000-30	ST-31-089000-43	75-B	89
ST-31-089000-21*	-	-		
ST-31-105000-11	-	-	90	105
ST-31-115000-11	ST-31-115000-30	ST-31-115000-43	100	115
ST-31-133000-11	ST-31-133000-30	ST-31-133000-43	110-A	133
ST-31-133000-21*	-	-		
ST-31-148000-11	ST-31-148000-30	ST-31-148000-43	125	148
ST-31-160000-11	ST-31-160000-30	ST-31-160000-43	150	160
ST-31-220000-11**	-	-	205	220
ST-31-278000-11**	-	-	250	278

* - cast couplings PN 6 bar

** - PN 10 bar



Blank plastic cap

Head material: High performance plastic
Tail material: Aluminium (Al)
Working press.: 10 bar
Seal: Black NBR rubber

code	size	lug dimension KA [mm]
ST-31-066000-60	52-C	66

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ

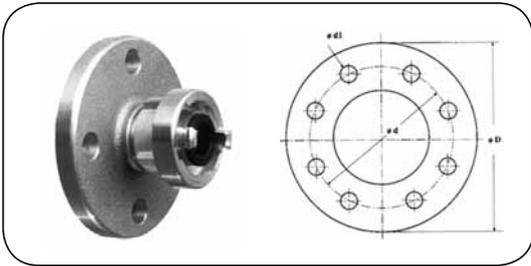


Blank cap with lock

Material: Aluminium (Al), brass (Ms), stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]
ST-31-500066-11	ST-31-500066-30	ST-31-500066-43	52-C	66
ST-31-500081-11	-	-	65	81
ST-31-500089-11	ST-31-500089-30	-	75-B	89
ST-31-500105-11	-	-	90	105
ST-31-500115-11	-	-	100	115
ST-31-500133-11	-	-	110-A	133
ST-31-500148-11	-	-	125	148
ST-31-500160-11	-	-	150	160

(available with a universal key)



Flanged coupling

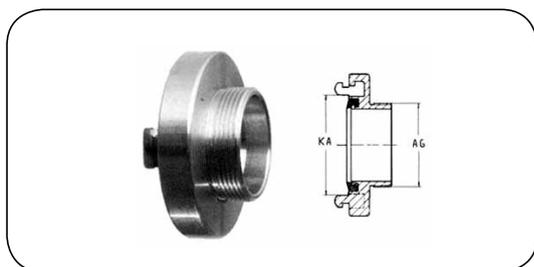
Material: Aluminium (Al), brass (Ms), stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	flange size	D [mm]	d [mm]	n	d1 [mm]
ST-36-031025-11	ST-36-031025-30	ST-36-031025-43	25-D	31	DN 25	115	85	4	14
ST-36-066040-11*	-	-	52-C	66	DN 40	150	110	4	18
ST-36-066050-11	ST-36-066050-30	ST-36-066050-43			DN 50	165	125	4	18
ST-36-066065-11	-	-			DN 65	185	145	4	18
ST-36-066080-11	-	-			DN 80	200	160	8	18
ST-36-081050-11	-	-			65	81	DN 50	165	125
ST-36-081065-11	ST-36-081065-30	ST-36-081065-43	DN 65	185			145	4	18
ST-36-081080-11	-	-	DN 80	200			160	8	18
ST-36-089050-11	-	-	75-B	89	DN 50	165	125	4	18
ST-36-089065-11	-	-			DN 65	185	145	4	18
ST-36-089080-11	ST-36-089080-30	ST-36-089080-43			DN 80	200	160	8	18
ST-36-089100-11	-	-			DN 100	220	180	8	18
ST-36-115100-11	-	-	100	115	DN 100	220	180	8	18
ST-36-133080-11	-	-	110-A	133	DN 80	200	160	8	18
ST-36-133100-11	ST-36-133100-30	ST-36-133100-43			DN 100	220	180	8	18
ST-36-148125-11	-	ST-36-148125-43	125	148	DN 125	250	210	8	18
ST-36-160150-11	-	ST-36-160150-43	150	160	DN 150	285	240	8	22

* - galvanized steel flanges

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ



Adapter with BSP male thread

Material: Aluminium (Al), brass (Ms), stainless steel (SS)

Working press.: 16 bar

Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

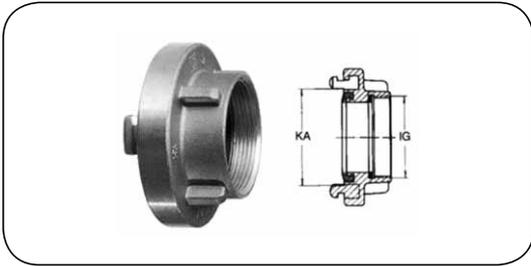
code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	thread size [inch]
-	ST-22-031050-30*	ST-22-031050-43	25-D	31	1/2
ST-22-031075-11	ST-22-031075-30	ST-22-031075-43			3/4
ST-22-031100-11	ST-22-031100-30	ST-22-031100-43			1
ST-22-031125-11	-	-			1.1/4
ST-22-031150-11	-	-			1.1/2
ST-22-044100-11	ST-22-044100-30	-	32	44	1
ST-22-044125-11	ST-22-044125-30	-			1.1/4
ST-22-051125-11	ST-22-051125-30	ST-22-051125-43*	38	51	1.1/4
ST-22-051150-11	ST-22-051150-30	ST-22-051150-43			1.1/2
ST-22-051200-11	ST-22-051200-30	-			2
ST-22-059200-11	-	-	45	59	2
ST-22-066075-16*	-	-			3/4
ST-22-066100-16	ST-22-066100-30	ST-22-066100-43	52-C	66	1
ST-22-066125-16	ST-22-066125-30	ST-22-066125-43			1.1/4
ST-22-066150-16	ST-22-066150-30	ST-22-066150-43			1.1/2
ST-22-066200-16	ST-22-066200-30	ST-22-066200-43			2
ST-22-066250-16	ST-22-066250-30	-			2.1/2
ST-22-081125-11	-	-	65	81	1.1/4
ST-22-081150-11	-	-			1.1/2
ST-22-081200-11	ST-22-081200-30	ST-22-081200-43			2
ST-22-081250-11	ST-22-081250-30	ST-22-081250-43			2.1/2
ST-22-081300-11	ST-22-081300-30	-			3
ST-22-089200-16	ST-22-089200-30	ST-22-089200-43	75-B	89	2
ST-22-089250-16	ST-22-089250-30	ST-22-089250-43			2.1/2
ST-22-089300-16	ST-22-089300-30	ST-22-089300-43			3
ST-22-105300-11*	-	-	90	105	3
ST-22-115400-11	ST-22-115400-30	ST-22-115400-43*	100	115	4
ST-22-133400-11	ST-22-133400-30	ST-22-133400-43	110-A	133	4
ST-22-133500-11	-	-			5
ST-22-148500-11*	-	-	125	148	5
ST-22-160600-11	-	-	150	160	6
ST-22-188600-11**	-	-	165	188	6
ST-22-220800-11**	-	-	205	220	8

* - with nipple,

** - with nipple, PN 10 bar.

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ



Adapter with BSP female thread

Material: Aluminium (Al), brass (Ms), stainless steel (SS)

Working press.: 16 bar

Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	thread size [inch]
ST-21-031050-11	ST-21-031050-30	ST-21-031050-43	25-D	31	1/2
ST-21-031075-11	ST-21-031075-30	ST-21-031075-43			3/4
ST-21-031100-11	ST-21-031100-30	ST-21-031100-43			1
ST-21-031125-11	-	-			1.1/4
ST-21-044100-11	ST-21-044100-30	-	32	44	1
ST-21-044125-11	ST-21-044125-30	-			1.1/4
ST-21-051100-11	ST-21-051100-30	-	38	51	1
ST-21-051125-11	ST-21-051125-30	ST-21-051125-43			1.1/4
ST-21-051150-11	ST-21-051150-30	ST-21-051150-43			1.1/2
ST-21-051200-11	ST-21-051200-30	-			2
ST-21-059150-16	-	-	45	59	1.1/2
ST-21-059200-16	-	-			2
ST-21-066075-16	-	ST-21-066075-43	52-C	66	3/4
ST-21-066100-16	ST-21-066100-30	ST-21-066100-43			1
ST-21-066125-16	ST-21-066125-30	ST-21-066125-43			1.1/4
ST-21-066150-16	ST-21-066150-30	ST-21-066150-43			1.1/2
ST-21-066175-16	-	-			1.3/4
ST-21-066200-16	ST-21-066200-30	ST-21-066200-43			2
ST-21-066250-16	ST-21-066250-30	ST-21-066250-43*			2.1/2
ST-21-081100-11	-	-			65
ST-21-081125-11	-	-	1.1/4		
ST-21-081150-11	-	-	1.1/2		
ST-21-081200-11	ST-21-081200-30	ST-21-081200-43	2		
ST-21-081250-11	ST-21-081250-30	ST-21-081250-43	2.1/2		
ST-21-081300-11	ST-21-081300-30	-	3		
ST-21-089200-16	ST-21-089200-30	ST-21-089200-43	75-B	89	2
ST-21-089250-16	ST-21-089250-30	ST-21-089250-43			2.1/2
ST-21-089300-16	ST-21-089300-30	ST-21-089300-43			3
ST-21-105300-11	-	-	90	105	3
ST-21-115400-11	ST-21-115400-30	ST-21-115400-43	100	115	4
ST-21-133300-11*	-	-	110-A	133	3
ST-21-133400-11	ST-21-133400-30	ST-21-133400-43			4
ST-21-133450-11	ST-21-133450-30	ST-21-133450-43			4.1/2
ST-21-133500-11*	-	-			5
ST-21-148400-11	-	-	125	148	4
ST-21-148500-11	ST-21-148500-30	ST-21-148500-43			5
ST-21-160600-11	ST-21-160600-30	ST-21-160600-43	150	160	6
ST-21-188600-11**	-	-	165	188	6
ST-21-220800-11**	-	-	205	220	8
ST-21-278000-11**	-	-	250	278	10

* - with reducer

** - PN 10 bar

INDUSTRIAL FITTINGS - couplings

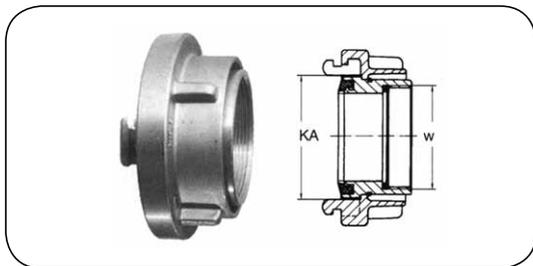
Symmetrical couplings STORZ



Adapter with BSP female thread and safety latch

Material: Aluminium (Al), stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	thread size [inch]
ST-27-031100-11	-	-	25-D	31	1
ST-27-051150-11	-	-	38	51	1.1/2
ST-27-066200-11	-	-	52-C	66	2
ST-27-081250-11	-	-	65	81	2.1/2
ST-27-089250-11	-	-	75-B	89	2.1/2
ST-27-089300-11	-	-			3
ST-27-105300-11	-	-	90	105	3
ST-27-115400-11	-	-	100	115	4
ST-27-133400-11	-	ST-27-133400-43	110-A	133	4
ST-27-133450-11	-	-			4.1/2
ST-27-148500-11	-	-	125	148	5
ST-27-160600-11	-	-	150	160	6



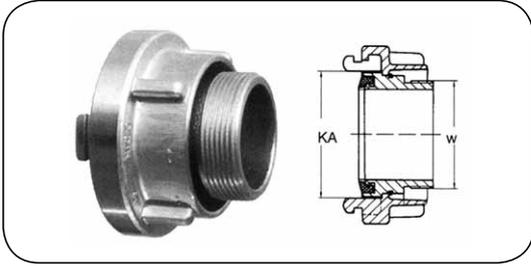
Swivel coupling with BSP female thread

Material: Aluminium (Al), brass (Ms), stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	thread size [inch]
-	ST-23-031075-30	-	25-D	31	3/4
-	ST-23-031100-30	-			1
ST-23-066125-11	-	-	52-C	66	1.1/4
ST-23-066150-11	-	ST-23-066150-43			1.1/2
ST-23-066200-11	ST-23-066200-30	ST-23-06620043	65	81	2
ST-23-081200-11	-	-			2
ST-23-081250-11	-	-	75-B	89	2.1/2
ST-23-081300-11	-	-			3
ST-23-089200-11	-	ST-23-089200-43	90	105	2
ST-23-089250-11	-	ST-23-089250-43			2.1/2
ST-23-089300-11	-	ST-23-089300-43	100	115	3
ST-23-105300-11	-	-			4
ST-23-115400-11	-	-	110-A	133	3
ST-23-133300-11	-	-			4
ST-23-133400-11	-	ST-23-133400-43	125	148	4
ST-23-148400-11	-	-			5
ST-23-148500-11	-	-	150	160	4
ST-23-160400-11	-	-			5
ST-23-160500-11	-	-	150	160	5
ST-23-160600-11	-	-			6

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ



Swivel coupling with BSP male thread

Material: Aluminium (Al), brass (Ms), stainless steel (SS)
Working press.: 16 bar
Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]	thread size [inch]
-	ST-24-031075-30	-	25-D	31	3/4
-	ST-24-031100-30	-			1
ST-24-066150-11	-	-	52-C	66	1.1/2
ST-24-066200-11	ST-24-066200-30	ST-24-066200-43			2
ST-24-081150-11	-	-	65	81	1.1/2
ST-24-081200-11	-	-			2
ST-24-081250-11	-	-			2.1/2
ST-24-081300-11	-	-			3
ST-24-089200-11	-	ST-24-089200-43			2
ST-24-089250-11	-	ST-24-089250-43	75-B	89	2.1/2
ST-24-089300-11	-	-			3
ST-24-105300-11	-	-			90
ST-24-115300-11	-	-	100	115	3
ST-24-115400-11	-	-			4
ST-24-133300-11	-	-	110-A	133	3
ST-24-133400-11	-	ST-24-133400-43			4
ST-24-148400-11	-	-	125	148	4
ST-24-148500-11	-	-			5
ST-24-160450-11	-	-			150
ST-24-160500-11	-	-	5		
ST-24-160600-11	-	-	6		



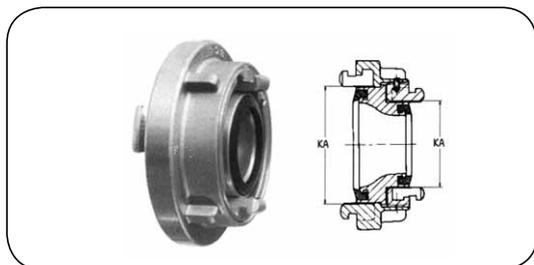
Holding device

Material: Galvanized steel (St)

code	for coupling	lug dimension KA [mm]
ST-79-066000-50	C	66
ST-79-089000-50	B	89
ST-79-133089-50	A / B	133 / 89

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ



Reducer

Material: Aluminium (Al), brass (Ms), stainless steel (SS)

Working press.: 16 bar

Seal: White NBR rubber for aluminium, black NBR rubber for brass, Viton for stainless steel

code (aluminium)	code (brass)	code (stainless steel)	size	lug dimension KA [mm]
ST-35-031100-11	-	-	25-D / Geka	31 / 40
ST-35-051031-11	-	-	38 / 25-D	51 / 31
ST-35-059031-11	-	-	45 / 25-D	59 / 31
ST-35-066100-11	-	-	52-C / Geka	66 / 40
ST-35-066031-11	ST-35-066031-30	ST-35-066031-43	52-C / 25-D	66 / 31
ST-35-066044-11	ST-35-066044-30	-	52-C / 32	66 / 44
ST-35-066051-11	ST-35-066051-30	-	52-C / 38	66 / 51
ST-35-081051-11	-	-	65 / 38	81 / 51
ST-35-081059-11	-	-	65 / 45	81 / 59
ST-35-081066-11	ST-35-081066-30	ST-35-081066-43	65 / 52-C	81 / 66
ST-35-089066-11	ST-35-089066-30	ST-35-089066-43	75-B / 52-C	89 / 66
ST-35-089066-21*	-	-		
ST-35-089081-11	ST-35-089081-30	ST-35-089081-43	75-B / 65	89 / 81
ST-35-105089-11	-	-	90 / 75-B	105 / 89
ST-35-115081-11	-	-	100 / 65	115 / 81
ST-35-115089-11	-	-	100 / 75-B	115 / 89
ST-35-115105-11	-	-	100 / 90	115 / 105
ST-35-133066-11	-	-	110-A / 52-C	133 / 66
ST-35-133081-11	-	-	110-A / 65	133 / 81
ST-35-133089-11	ST-35-133089-30	ST-35-133089-43	110-A / 75-B	133 / 89
ST-35-133089-21*	-	-		
ST-35-133105-11	-	-	110-A / 90	133 / 105
ST-35-133115-11	-	-	110-A / 100	133 / 115
ST-35-148115-11	-	-	125 / 100	148 / 115
ST-35-148133-11	-	-	125 / 110-A	148 / 133
ST-35-160115-11	-	-	150 / 100	160 / 115
ST-35-160133-11	-	-	150 / 110-A	160 / 133
ST-35-160148-11	-	-	150 / 125	160 / 148
ST-35-188133-11**	-	-	165 / 110-A	188 / 133
ST-35-188160-11**	-	-	165 / 150	188 / 160
ST-35-220160-11**	-	-	205 / 150	220 / 160
ST-35-278220-11**	-	-	250 / 205	278 / 220

* - cast couplings PN 6 bar

** - PN 10 bar

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ

Male / male thread coupling



code (aluminium)	male thread size [inch]	male thread size [inch]
ST-37-150150-10	1.1/2	1.1/2
ST-37-150200-10	1.1/2	2
ST-37-200200-10	2	2
ST-37-200300-10	2	3
ST-37-250250-10	2.1/2	2.1/2
ST-37-250300-10	2.1/2	3
ST-37-300300-10	3	3
ST-37-300400-10	3	4
ST-37-400400-10	4	4
ST-37-400400-40*	4	4
ST-37-500500-10	5	5
ST-37-600600-10	6	6
ST-37-800800-10	8	8

* - stainless steel

Female / male thread coupling



code (aluminium)	female thread size [inch]	male thread size [inch]
ST-37-125200-12	1.1/4	2
ST-37-150200-12	1.1/2	2
ST-37-200250-12	2	2.1/2
ST-37-200300-12	2	3
ST-37-250200-12	2.1/2	2
ST-37-250200-42*	2.1/2	2
ST-37-250300-12	2.1/2	3
ST-37-250400-12	2.1/2	4
ST-37-300200-12	3	2
ST-37-300250-12	3	2.1/2
ST-37-300400-12	3	4
ST-37-400300-12	4	3
ST-37-400500-12	4	5
ST-37-500600-12	5	6

* - stainless steel

Female / female thread coupling



code (aluminium)	female thread size [inch]	female thread size [inch]
ST-37-200200-14	2	2
ST-37-200250-14	2	2.1/2
ST-37-200300-14	2	3
ST-37-250250-14	2.1/2	2.1/2
ST-37-250300-14	2.1/2	3
ST-37-250300-44*	2.1/2	3
ST-37-250400-14	2.1/2	4
ST-37-300300-14	3	3
ST-37-300400-14	3	4
ST-37-400400-14	4	4
ST-37-400500-14	4	5
ST-37-500500-14	5	5
ST-37-500600-14	5	6

* - stainless steel

Hose connector

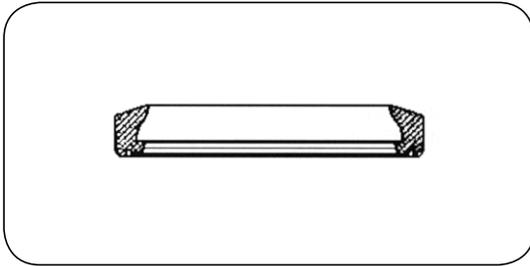


code (aluminium)	hose I.D. [mm]
ST-76-000025-30*	25
ST-76-000042-10	42
ST-76-000052-10	52
ST-76-000065-10	65
ST-76-000075-10	75
ST-76-000100-10	100
ST-76-000110-10	110
ST-76-000125-10	125
ST-76-000150-10	150

* - brass

INDUSTRIAL FITTINGS - couplings

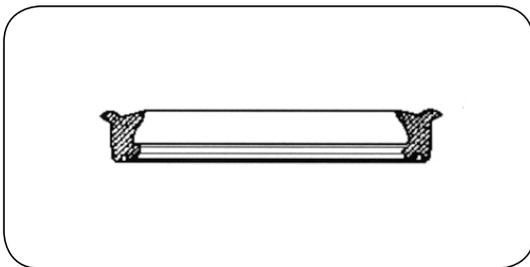
Symmetrical couplings STORZ



Seal for delivery hose couplings

Material: Black NBR rubber, white NBR rubber, Viton, KTW - for drinking water

code (black NBR)	code (white NBR)	code (Viton)	code (KTW - drinking water)	size	lug dimension KA [mm]
ST-91-001059-00	-	-	-	45	59
ST-91-001066-00	ST-91-001066-01	ST-91-001066-03	ST-91-001066-05	52-C	66
ST-91-001081-00	ST-91-001081-01	-	-	65	81
ST-91-001089-00	ST-91-001089-01	ST-91-001089-03	ST-91-001089-05	75-B	89
ST-91-001115-00	-	-	-	100	115



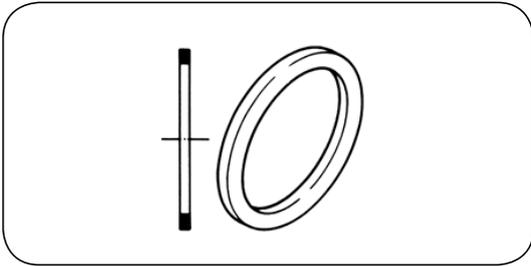
Seal for suction-delivery hoses

Material: Black NBR rubber, white NBR rubber, Viton, KTW - for drinking water

code (black NBR)	code (white NBR)	code (silicone)	code (Viton)	code (EPDM)	code (KTW - drinking water)	size	lug KA [mm]
ST-91-002031-00	ST-91-002031-01	ST-91-002031-02	ST-91-002031-03	ST-91-002031-04	ST-91-002031-05	25-D	31
ST-91-002044-00	ST-91-002044-01	ST-91-002044-02	-	-	-	32	44
ST-91-002051-00	ST-91-002051-01	ST-91-002051-02	ST-91-002051-03	-	-	38	51
ST-91-002066-00	ST-91-002066-01	ST-91-002066-02	ST-91-002066-03	ST-91-002066-04	ST-91-002066-05	52-C	66
ST-91-002081-00	ST-91-002081-01	ST-91-002081-02	ST-91-002081-03	-	-	65	81
ST-91-002089-00	ST-91-002089-01	ST-91-002089-02	ST-91-002089-03	ST-91-002089-04	ST-91-002089-05	75-B	89
ST-91-002105-00	ST-91-002105-01	ST-91-002105-02	-	-	-	90	105
ST-91-002115-00	ST-91-002115-01	ST-91-002115-02	ST-91-002115-03	-	-	100	115
ST-91-002133-00	ST-91-002133-01	ST-91-002133-02	ST-91-002133-03	ST-91-002133-04	ST-91-002133-05	110-A	133
ST-91-002148-00	ST-91-002148-01	ST-91-002148-02	ST-91-002148-03	-	-	125	148
ST-91-002160-00	ST-91-002160-01	ST-91-002160-02	ST-91-002160-03	-	-	150	160
-	ST-91-002188-01	-	-	-	-	165	188
-	ST-91-002220-01	-	-	-	-	205	220
-	ST-91-002278-01	-	-	-	-	250	278

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ



Flat seal for couplings with female thread

Material: White NBR rubber, black NBR rubber, silicone, PTFE

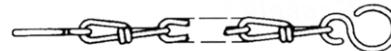
code (black NBR)	code (white NBR)	code (silicone)	code (PTFE)	male thread size [inch]	seal size [mm]
ST-91-003050-00	ST-91-003050-01	-	-	1/2	22 / 17 x 2
ST-91-003075-00	ST-91-003075-01	-	-	3/4	27 / 18 x 2
ST-91-003100-00	ST-91-003100-01	ST-91-003100-02	ST-91-003100-03	1	33 / 20 x 3
ST-91-003125-00	ST-91-003125-01	-	ST-91-003125-03	1.1/4	42 / 33 x 3
ST-91-003150-00	ST-91-003150-01	-	ST-91-003150-03	1.1/2	48 / 39 x 3
ST-91-003200-00	ST-91-003200-01	ST-91-003200-02	ST-91-003200-03	2	60 / 47 x 3
ST-91-003250-00	ST-91-003250-01	-	ST-91-003250-03	2.1/2	76 / 66 x 3
ST-91-003300-00	ST-91-003300-01	ST-91-003300-02	ST-91-003300-03	3	88 / 76 x 3
ST-91-003350-00	ST-91-003350-01	-	-	3.1/2	101 / 89 x 3
ST-91-003400-00	ST-91-003400-01	ST-91-003400-02	ST-91-003400-03	4	113 / 102 x 3
ST-91-003450-00	ST-91-003450-01	-	ST-91-003450-03	4.1/2	126 / 105 x 3
ST-91-003500-00	ST-91-003500-01	-	ST-91-003500-03	5	140 / 122 x 4
ST-91-003600-00	ST-91-003600-01	-	ST-91-003600-03	6	165 / 140 x 4
ST-91-003800-00	ST-91-003800-01	-	-	8	216 / 190 x 5
ST-91-003999-00	ST-91-003999-01	-	-	10	267 / 240 x 5

Safety clamp preventing coupling from disconnection



code	for O.D. [mm]	size
ST-78-000098-00	98	52-C
ST-78-000126-00	126	75-B
ST-78-000144-00	144	90
ST-78-000156-00	156	100
ST-78-000182-00	182	110-A
ST-78-000196-00	196	125
ST-78-000215-00	215	150

Chain for blank caps



code (galvanized steel)	code (stainless steel)	size
ST-91-006031-50	ST-91-006031-70	25 ÷ 38
ST-91-006066-50	ST-91-006066-70	45 ÷ 75
ST-91-006133-50	ST-91-006133-70	90 ÷ 150
ST-91-006220-50	-	165 ÷ 205

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ

Water jet		
		
code	size [inch]	lug dimension KA [mm]
ST-46-200066-10	2	66
ST-46-250089-10	2.1/2	89

Blank cap with release valve		
		
code	size [inch]	lug dimension KA [mm]
ST-31-600066-11	52-C	66
ST-31-600081-11	65	81
ST-31-600089-11	75-B	89
ST-31-600105-11	90	105
ST-31-600115-11	100	115
ST-31-600133-11	110-A	133
ST-31-600148-11	125	148
ST-31-600160-11	150	160

STORZ wrenches		code	size	material	pic.
	1	ST-71-031031-50	D	steel	1
	2	ST-71-081051-20	65/38	malleable cast iron	2
	3	ST-71-089066-20	BC	malleable cast iron	3
	4	ST-71-089066-50	BC	steel (plastic handle)	4
	5	ST-71-133066-20	ABC	malleable cast iron	5
	6	ST-71-133066-50	ABC	steel (plastic handle)	6
	7	ST-71-160148-50	150/125	steel	7
	8	ST-71-278188-50	250/205	steel	8

INDUSTRIAL FITTINGS - couplings

Symmetrical couplings STORZ

