

# PIPINGS AND FITTINGS



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## INTRODUCTION



**Steroglass is a company operating on a global level in the chemical, biotechnological and pharmaceutical fields. Headquartered in Perugia, Italy and fully owned by Stefano and Roberto Falocci.**

It all began more than 50 years ago. Mr. Luigi Falocci, the founder and forerunner of the company, a very resourceful man, created unique hand-blown products used since the early 60's by the most renowned Italian chemists. In just a few years the Falocci family has strived to achieve remarkable goals by designing and manufacturing borosilicate glass lab equipment, industrial plants for chemical and pharmaceutical purposes as well as electronic instruments with high-tech mechanical components and related software.

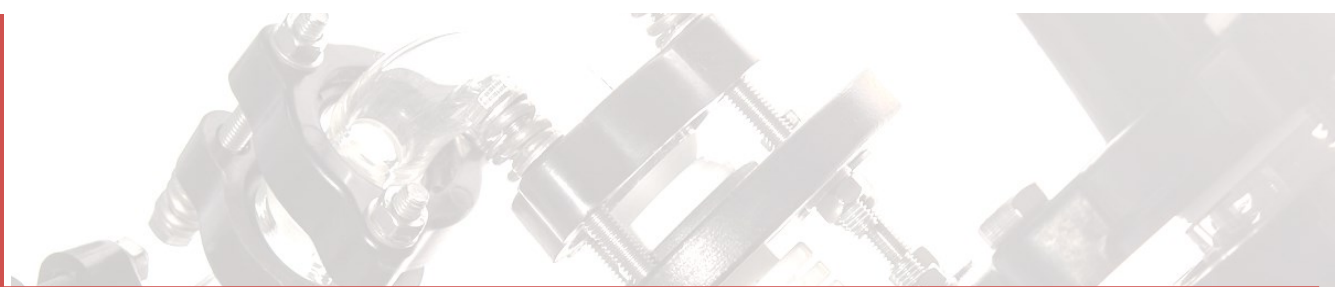
**Steroglass has mainly focused on evaporation, titration, metal detection, enzymatic and colorimetric analyses.**

In recent years we have added to our innovative production a big variety of worldwide imported products so as to complete our own range, thus meeting most of our researchers and lab analysts' requirements. We offer our clients state-of-the-art solutions, pursuing a local and global partnership intended to cover every customer need, always bearing in mind environmental sustainability. Our cost-effective and innovative solutions for any glassware requirements, while giving high quality and constant service, also consolidate and increase competitiveness as well as meeting the standards demanded by the market and creating new strategic opportunities.

**We trust that Glass will continue to be a valuable source for research, testing and production.**

R&D continuous efforts, marketing-oriented attitude and a special attention to personal and professional growth of all employees allow us to compete at highest levels worldwide. We believe fair leadership can achieve results, grow talent and reward merit.

**Blueside, a new Steroglass brand, has added value to our outstanding mastery in the borosilicate glass by turning scientific glass products into artistic objects which stand out in the excellent Made in Italy.**



**Glass Specifications: Borosilicate glass 3.3 according to ISO 3585 and DIN ISO 3585**

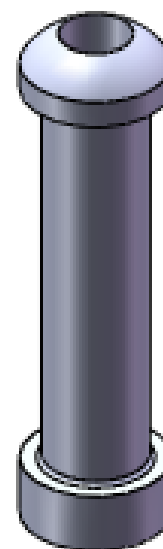
Physical and mechanical properties			
Mean linear thermal expansion coefficient [ISO 7991, DIN 52 328]	(20°C, 300°C)	K <sup>-1</sup>	3,3x10 <sup>-6</sup>
Density	20°C	g.cm <sup>-3</sup>	2,23
Transformation temperature	(ISO 7884-8)	°C	525
Heat conductivity	(at 100 degrees Centigrade) l w (20/200) degrees Centigrade	Wm <sup>-1</sup> K <sup>-1</sup>	1,16
Heat transfer coefficient	Inside	Wm <sup>-2</sup> K <sup>-1</sup>	~1200
	outside	Wm <sup>-2</sup> K <sup>-1</sup>	~11,6
Operating temperature		°C	200
Operating pressure		barg	-1/+0,5
Strength parameters	Tensile strength	N mm <sup>-2</sup>	7
	Compressive strength	N mm <sup>-2</sup>	100
Modulus elasticity		kN mm <sup>-2</sup>	64
Poisson's ratio [ν]			0,19

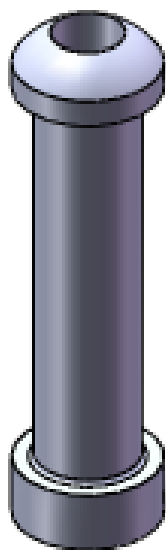
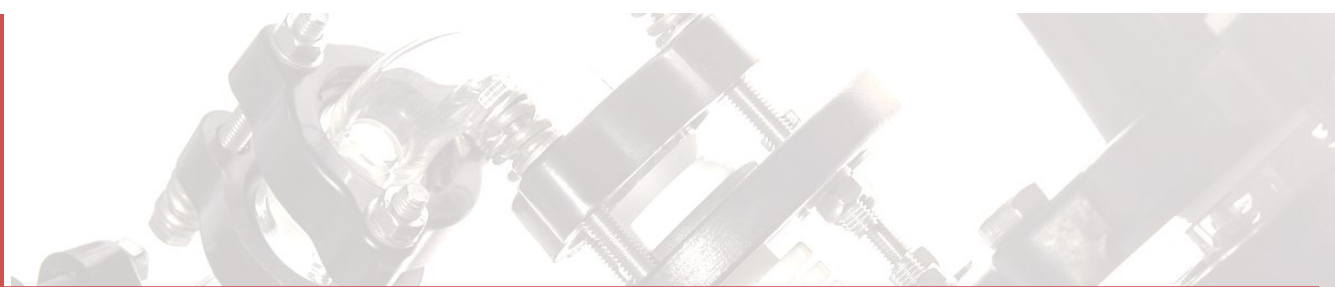
Temperature difference	
Thickness	ΔT[°C]
1mm	300°C
3mm	170°C
6mm	120°C
10mm	95°C

Chemical composition of borosilicate glass 3.3	
Components	% by weight
SiO <sub>2</sub>	80,3
B <sub>2</sub> O <sub>3</sub>	13
Na <sub>2</sub> O+K <sub>2</sub> O	4,3
Al <sup>2</sup> O	2,4

## GLASS PIPES

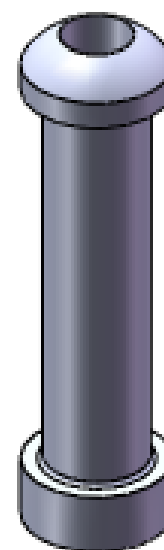
Code	Description	DN	L (mm)	Catalog ref.
SQSO031668	GLASS PIPE M/F	15	100	ST/RO 15/100
SQSO031674	GLASS PIPE M/F		125	ST/RO 15/125
SQSO031676	GLASS PIPE M/F		150	ST/RO 15/150
SQSO031680	GLASS PIPE M/F		175	ST/RO 15/175
SQSO024944	GLASS PIPE M/F		200	ST/RO 15/200
SQSO031685	GLASS PIPE M/F		300	ST/RO 15/300
SQSO024947	GLASS PIPE M/F		400	ST/RO 15/400
SQSO031689	GLASS PIPE M/F		500	ST/RO 15/500
SQSO031691	GLASS PIPE M/F		700	ST/RO 15/700
SQSO031672	GLASS PIPE M/F		1000	ST/RO 15/1000
SQSO031678	GLASS PIPE M/F		1500	ST/RO 15/1500
SQSO031683	GLASS PIPE M/F		2000	ST/RO 15/2000
SQSO024962	GLASS PIPE M/F		25	100
SQSO024965	GLASS PIPE M/F	125		ST/RO 25/125
SQSO024966	GLASS PIPE M/F	150		ST/RO 25/150
SQSO024967	GLASS PIPE M/F	175		ST/RO 25/175
SQSO024971	GLASS PIPE M/F	200		ST/RO 25/200
SQSO024973	GLASS PIPE M/F	300		ST/RO 25/300
SQSO024974	GLASS PIPE M/F	400		ST/RO 25/400
SQSO024977	GLASS PIPE M/F	500		ST/RO 25/500
SQSO024980	GLASS PIPE M/F	700		ST/RO 25/700
SQSO024963	GLASS PIPE M/F	1000		ST/RO 25/1000
SQSO031769	GLASS PIPE M/F	1500		ST/RO 25/1500
SQSO024972	GLASS PIPE M/F	2000		ST/RO 25/2000
SQSO031778	GLASS PIPE M/F	3000		ST/RO 25/3000

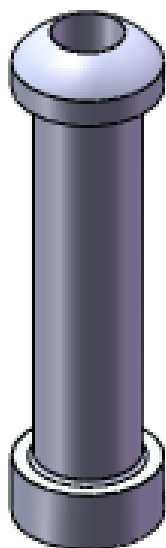




Code	Description	DN	L (mm)	Catalog ref.
SQSO024984	GLASS PIPE M/F	<b>40</b>	100	ST/RO 40/100
SQSO031816	GLASS PIPE M/F		125	ST/RO 40//125
SQSO031819	GLASS PIPE M/F		150	ST/RO 40//150
SQSO031824	GLASS PIPE M/F		175	ST/RO 40//175
SQSO024990	GLASS PIPE M/F		200	ST/RO 40//200
SQSO024992	GLASS PIPE M/F		300	ST/RO 40//300
SQSO031833	GLASS PIPE M/F		400	ST/RO 40//400
SQSO024993	GLASS PIPE M/F		500	ST/RO 40//500
SQSO024995	GLASS PIPE M/F		700	ST/RO 40//700
SQSO024985	GLASS PIPE M/F		1000	ST/RO 40//1000
SQSO031822	GLASS PIPE M/F		1500	ST/RO 40//1500
SQSO031828	GLASS PIPE M/F		2000	ST/RO 40/2000
SQSO031831	GLASS PIPE M/F		3000	ST/RO 40/3000
SQSO025001	GLASS PIPE M/F		<b>50</b>	100
SQSO031857	GLASS PIPE M/F	125		ST/RO 50/125
SQSO031860	GLASS PIPE M/F	150		ST/RO 50/150
SQSO031864	GLASS PIPE M/F	175		ST/RO 50/175
SQSO025003	GLASS PIPE M/F	200		ST/RO 50/200
SQSO031869	GLASS PIPE M/F	300		ST/RO 50/300
SQSO031873	GLASS PIPE M/F	400		ST/RO 50/400
SQSO025007	GLASS PIPE M/F	500		ST/RO 50/500
SQSO025009	GLASS PIPE M/F	700		ST/RO 50/700
SQSO025002	GLASS PIPE M/F	1000		ST/RO 50/1000
SQSO031862	GLASS PIPE M/F	1500		ST/RO 50/1500
SQSO031867	GLASS PIPE M/F	2000		ST/RO 50/2000
SQSO031871	GLASS PIPE M/F	3000		ST/RO 50/3000

Code	Description	DN	L (mm)	Catalog ref.
SQSO044699	GLASS PIPE M/F	80	100	ST/RO 80/100
SQSO031895	GLASS PIPE M/F		125	ST/RO 80/125
SQSO031899	GLASS PIPE M/F		150	ST/RO 80/150
SQSO031905	GLASS PIPE M/F		175	ST/RO 80/175
SQSO031907	GLASS PIPE M/F		200	ST/RO 80/200
SQSO031911	GLASS PIPE M/F		300	ST/RO 80300
SQSO031915	GLASS PIPE M/F		400	ST/RO 80/400
SQSO031917	GLASS PIPE M/F		500	ST/RO 80500
SQSO031920	GLASS PIPE M/F		700	ST/RO 80/700
SQSO031890	GLASS PIPE M/F		1000	ST/RO 80/1000
SQSO031902	GLASS PIPE M/F		1500	ST/RO 80/1500
SQSO031909	GLASS PIPE M/F		2000	ST/RO 80/2000
SQSO031913	GLASS PIPE M/F		3000	ST/RO 80/3000
SQSO031643	GLASS PIPE M/F	100	125	ST/RO 100/125
SQSO024940	GLASS PIPE M/F		150	ST/RO 100/150
SQSO031650	GLASS PIPE M/F		175	ST/RO 100/175
SQSO031651	GLASS PIPE M/F		200	ST/RO 100/200
SQSO031655	GLASS PIPE M/F		300	ST/RO 100/300
SQSO024943	GLASS PIPE M/F		400	ST/RO 100/400
SQSO031660	GLASS PIPE M/F		500	ST/RO 100/500
SQSO031662	GLASS PIPE M/F		700	ST/RO 100/700
SQSO031638	GLASS PIPE M/F		1000	ST/RO 100/1000
SQSO031647	GLASS PIPE M/F		1500	ST/RO 100/1500
SQSO031653	GLASS PIPE M/F		2000	ST/RO 100/2000
SQSO031657	GLASS PIPE M/F		3000	ST/RO 100/3000

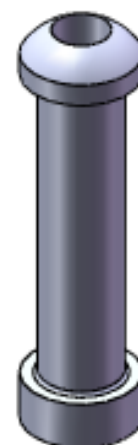




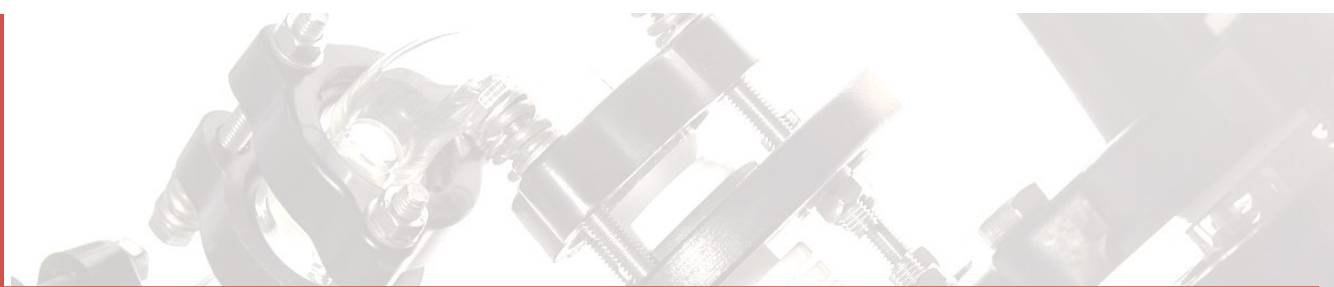
Code	Description	DN	L (mm)	Catalog ref.
SQSO034708	GLASS PIPE M/F	<b>150</b>	100	ST/RO 150/100
SQSO055680	GLASS PIPE M/F		125	ST/RO 150/125
SQSO031704	GLASS PIPE M/F		150	ST/RO 150/150
SQSO031710	GLASS PIPE M/F		175	ST/RO 150/175
SQSO031712	GLASS PIPE M/F		200	ST/RO 150/200
SQSO031715	GLASS PIPE M/F		300	ST/RO 150/300
SQSO024947	GLASS PIPE M/F		400	ST/RO 150/400
SQSO031721	GLASS PIPE M/F		500	ST/RO 150/500
SQSO031724	GLASS PIPE M/F		700	ST/RO 150/700
SQSO031695	GLASS PIPE M/F		1000	ST/RO 150/1000
SQSO031707	GLASS PIPE M/F		1500	ST/RO 150/1500
SQSO031713	GLASS PIPE M/F		2000	ST/RO 150/2000
SQSO031717	GLASS PIPE M/F		3000	ST/RO 150/3000
SQSO024951	GLASS PIPE M/F		<b>200</b>	150
SQSO031743	GLASS PIPE M/F	175		ST/RO 200/175
SQSO031745	GLASS PIPE M/F	200		ST/RO 200/200
SQSO031750	GLASS PIPE M/F	300		ST/RO 200/300
SQSO031753	GLASS PIPE M/F	400		ST/RO 200/400
SQSO024957	GLASS PIPE M/F	500		ST/RO 200/500
SQSO031757	GLASS PIPE M/F	700		ST/RO 200/700
SQSO024949	GLASS PIPE M/F	1000		ST/RO 200/1000
SQSO024952	GLASS PIPE M/F	1500		ST/RO 200/1500
SQSO024954	GLASS PIPE M/F	2000		ST/RO 200/2000



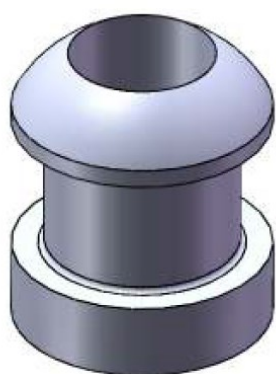
Code	Description	DN	L (mm)	Catalog ref.
SQSO031797	GLASS PIPE M/F	300	200	ST/RO 300/200
SQSO031801	GLASS PIPE M/F		300	ST/RO 300/300
SQSO031802	GLASS PIPE M/F		400	ST/RO 300/400
SQSO031804	GLASS PIPE M/F		500	ST/RO 300/500
SQSO031807	GLASS PIPE M/F		700	ST/RO 300/700
SQSO031788	GLASS PIPE M/F		1000	ST/RO 300/1000
SQSO031793	GLASS PIPE M/F		1500	ST/RO 300/1500
SQSO031799	GLASS PIPE M/F		2000	ST/RO 300/2000



**Different lengths and flanges (M/F/P) on request.**



**GLASS SPACERS M/F - M/M - F/F - M/P - F/P**



Code	Description	DN	L (mm)	Catalog ref.
SQSO031077	GLASS SPACER M/F	15	25	ST/RO 15/0025
SQSO031078	GLASS SPACER M/F	15	50	ST/RO 15/0050
SQSO023180	GLASS SPACER M/F	25	25	ST/RO 25/0025
SQSO023181	GLASS SPACER M/F	25	50	ST/RO 25/0050
SQSO051081	GLASS SPACER M/F	40	25	ST/RO 40/0025
SQSO023183	GLASS SPACER M/F	40	50	ST/RO 40/0050
SQSO051082	GLASS SPACER M/F	50	25	ST/RO 50/0025
SQSO031084	GLASS SPACER M/F	50	50	ST/RO 50/0050
SQSO051356	GLASS SPACER M/F	80	50	ST/RO 80/0050
SQSO051354	GLASS SPACER M/F	100	50	ST/RO 100/0050
SQSO051355	GLASS SPACER M/F	150	50	ST/RO 150/0050
SQSO031080	GLASS SPACER M/F	200	50	ST/RO 200/0050

Code	Description	DN	L (mm)	Catalog ref.
SQSO063825	GLASS SPACER M/M	15	25	ST/RO 15/0025/11
SQSO051376	GLASS SPACER M/M	15	50	ST/RO 15/0050/11
SQSO038871	GLASS SPACER M/M	25	25	ST/RO 25/0025/11
SQSO083427	GLASS SPACER M/M	25	50	ST/RO 25/0050/11
SXSO041804	GLASS SPACER M/M	40	25	ST/RO 40/0025/11
SXSO041805	GLASS SPACER M/M	40	50	ST/RO 40/0050/11
SQSO051361	GLASS SPACER M/M	50	25	ST/RO 50/0025/11
SQSO054484	GLASS SPACER M/M	50	50	ST/RO 50/0050/11
SXSO041808	GLASS SPACER M/M	80	50	ST/RO 80/0050/11
SQSO051369	GLASS SPACER M/M	100	50	ST/RO 100/0050/11
SQSO051376	GLASS SPACER M/M	150	50	ST/RO 150/0050/11
SQSO051378	GLASS SPACER M/M	200	50	ST/RO 200/0050/11

Code	Description	DN	L (mm)	Catalog ref.
SQSO051370	GLASS SPACER F/F	15	25	ST/RO 15/0025/22
SQSO051374	GLASS SPACER F/F	15	50	ST/RO 15/0050/22
SQSO033117	GLASS SPACER F/F	25	25	ST/RO 25/0025/22
SXSO041811	GLASS SPACER F/F	25	50	ST/RO 25/0050/22
SXSO041812	GLASS SPACER F/F	40	25	ST/RO 40/0025/22
SXSO041813	GLASS SPACER F/F	40	50	ST/RO 40/0050/22
SQSO054483	GLASS SPACER F/F	50	25	ST/RO 50/0025/22
SQSO054485	GLASS SPACER F/F	50	50	ST/RO 50/0050/22
SXSO041816	GLASS SPACER F/F	80	50	ST/RO 80/0050/22
SQSO051367	GLASS SPACER F/F	100	50	ST/RO 100/0050/22
SQSO051374	GLASS SPACER F/F	150	50	ST/RO 150/0050/22
SQSO008991	GLASS SPACER F/F	200	50	ST/RO 200/0050/22

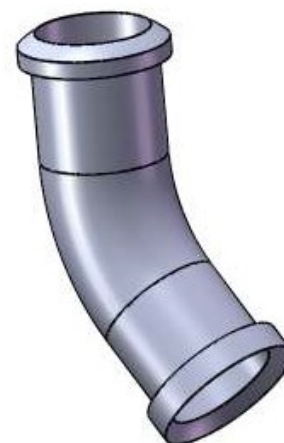
Code	Description	DN	L (mm)	Catalog ref.
SQSO051372	GLASS SPACER M/P	15	25	ST/RO 15/0025/13
SQSO051377	GLASS SPACER M/P	15	50	ST/RO 15/0050/13
SQSO032971	GLASS SPACER M/P	25	25	ST/RO 25/0025/13
SXSO044547	GLASS SPACER M/P	25	50	ST/RO 25/0050/13
SQSO023182	GLASS SPACER M/P	40	25	ST/RO 40/0025/13
SQSO023184	GLASS SPACER M/P	40	50	ST/RO 40/0050/13
SQSO023185	GLASS SPACER M/P	50	25	ST/RO 50/0025/13
SQSO083433	GLASS SPACER M/P	50	50	ST/RO 50/0050/13
SXSO041787	GLASS SPACER M/P	80	50	ST/RO 80/0050/13
SQSO063824	GLASS SPACER M/P	100	50	ST/RO 100/0050/13
SQSO051377	GLASS SPACER M/P	150	50	ST/RO 150/0050/13
SQSO008995	GLASS SPACER M/P	200	50	ST/RO 200/0050/13



Code	Description	DN	L (mm)	Catalog ref.
SQSO051371	GLASS SPACER F/P	15	25	ST/RO 15/0025/23
SQSO051375	GLASS SPACER F/P	15	50	ST/RO 15/0050/23
SQSO032972	GLASS SPACER F/P	25	25	ST/RO 25/0025/23
SXSO044546	GLASS SPACER F/P	25	50	ST/RO 25/0050/23
SXSO041790	GLASS SPACER F/P	40	25	ST/RO 40/0025/23
SQSO045301	GLASS SPACER F/P	40	50	ST/RO 40/0050/23
SQSO083434	GLASS SPACER F/P	50	25	ST/RO 50/0025/23
SQSO083435	GLASS SPACER F/P	50	50	ST/RO 50/0050/23
SXSO041792	GLASS SPACER F/P	80	50	ST/RO 80/0050/23
SQSO051368	GLASS SPACER F/P	100	50	ST/RO 100/0050/23
SQSO051375	GLASS SPACER F/P	150	50	ST/RO 150/0050/23
SQSO008992	GLASS SPACER F/P	200	50	ST/RO 200/0050/23

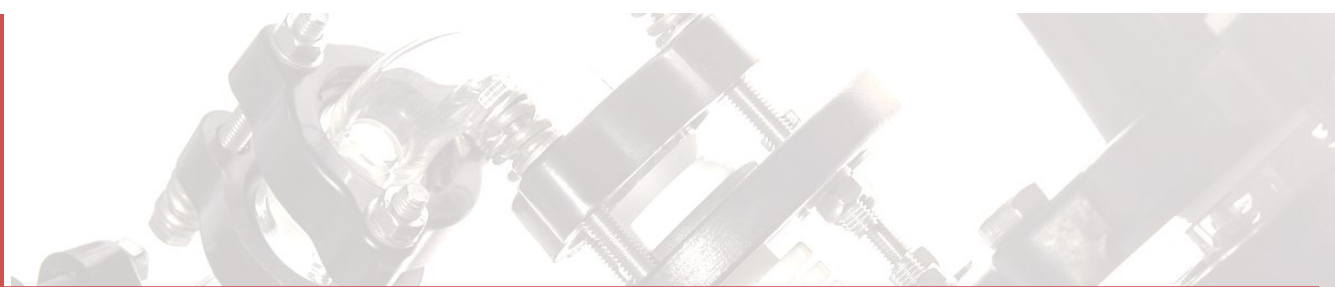
**GLASS BEND 45°**

Code	Description	DN	Catalog ref.
SQSO008307	GLASS BEND 45° M/F	15	ST/BO 15/45/
SQSO008308	GLASS BEND 45° M/F	25	ST/BO 25/45/
SQSO008309	GLASS BEND 45° M/F	40	ST/BO 40/45
SQSO008310	GLASS BEND 45° M/F	50	ST/BO 50/45
SQSO008311	GLASS BEND 45° M/F	80	ST/BO 80/45
SQSO027493	GLASS BEND 45° M/F	100	ST/BO 100/45
SXSO041832	GLASS BEND 45° M/F	150	ST/BO 150/45
SQSO008277	GLASS BEND 45° M/F	200	ST/BO 200/45
SQSO027453	GLASS BEND 45° M/F	300	ST/BO 300/45

**GLASS BEND 90°**

Code	Description	DN	Catalog ref.
SQSO008299	GLASS BEND 90° M/F	15	ST/BO 15/90
SQSO008302	GLASS BEND 90° M/F	25	ST/BO 25/90
SQSO008304	GLASS BEND 90° M/F	40	ST/BO 40/90
SXSO041838	GLASS BEND 90° M/F	50	ST/BO 50/90
SQSO008306	GLASS BEND 90° M/F	80	ST/BO 80/90
SQSO008298	GLASS BEND 90° M/F	100	ST/BO 100/90
SQSO008300	GLASS BEND 90° M/F	150	ST/BO 150/90
SQSO008301	GLASS BEND 90° M/F	200	ST/BO 200/90
SQSO008303	GLASS BEND 90° M/F	300	ST/BO 300/90





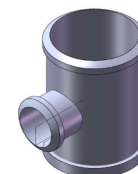
### EQUAL T-PIECE M/F/M

Code	Description	DN	Catalog ref.
SXSO041860	EQUAL T-PIECE M/F/M	15	ST/TS 15/121
SQSO019108	EQUAL T-PIECE M/F/M	25	ST/TS 25/121
SXSO041861	EQUAL T-PIECE M/F/M	40	ST/TS 40/121
SQSO019112	EQUAL T-PIECE M/F/M	50	ST/TS 50/121
SXSO041863	EQUAL T-PIECE M/F/M	80	ST/TS 80/121
SXSO041864	EQUAL T-PIECE M/F/M	100	ST/TS 100/121
SXSO041865	EQUAL T-PIECE M/F/M	150	ST/TS 150/121
SXSO041866	EQUAL T-PIECE M/F/M	200	ST/TS 200/121
SXSO041867	EQUAL T-PIECE M/F/M	300	ST/TS 300/121

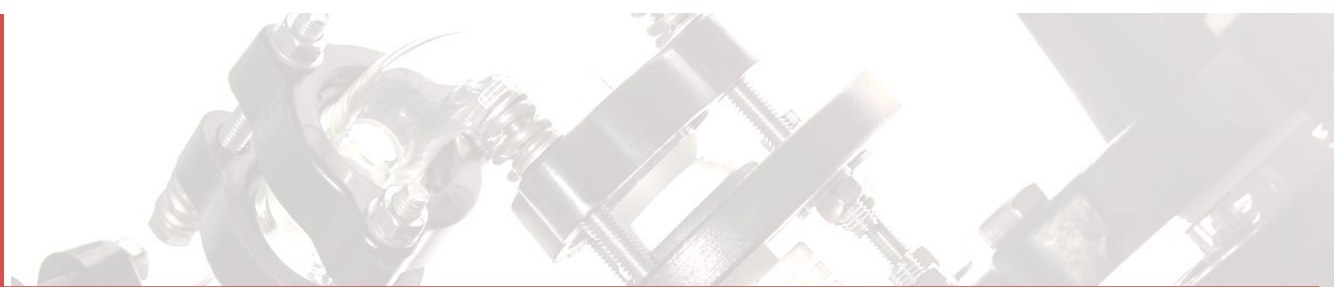
### EQUAL T-PIECE M/F/F

Code	Description	DN	Catalog ref.
SXSO042854	EQUAL T-PIECE M/F/F	15	ST/TS 15/122
SXSO041869	EQUAL T-PIECE M/F/F	25	ST/TS 25/122
SXSO041870	EQUAL T-PIECE M/F/F	40	ST/TS 40/122
SXSO041871	EQUAL T-PIECE M/F/F	50	ST/TS 50/122
SXSO041872	EQUAL T-PIECE M/F/F	80	ST/TS 80/122
SQSO019096	EQUAL T-PIECE M/F/F	100	ST/TS 100/122
SXSO041874	EQUAL T-PIECE M/F/F	150	ST/TS 150/122
SXSO041875	EQUAL T-PIECE M/F/F	200	ST/TS 200/122
SQSO019099	EQUAL T-PIECE M/F/F	300	ST/TS 300/122

## UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M



Code	Description	DN	Catalog ref.
SQSO029788	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	25	ST/TS 25/15/121
SQSO019111	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	40	ST/TS 40/25/121
SQSO029705	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	50	ST/TS 50/25/121
SQSO029707	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	50	ST/TS 50/40/121
SQSO029695	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	80	ST/TS 80/25/121
SQSO029708	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	80	ST/TS 80/40/121
SQSO019047	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	80	ST/TS 80/50/121
SQSO029790	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	100	ST/TS 100/25/121
SQSO029792	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	100	ST/TS 100/40/121
SQSO029793	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	100	ST/TS 100/50/121
SQSO029795	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	100	ST/TS 100/80/121
SQSO029798	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	150	ST/TS 150/25/121
SQSO029801	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	150	ST/TS 150/40/121
SQSO029802	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	150	ST/TS 150/50/121
SQSO029804	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	150	ST/TS 150/80/121
SQSO029797	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	150	ST/TS 150/100/121
SQSO029809	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	200	ST/TS 200/25/121
SQSO029810	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	200	ST/TS 200/40/121
SQSO029811	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	200	ST/TS 200/50/121
SQSO029813	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	200	ST/TS 200/80/121
SQSO029805	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	200	ST/TS 200/100/121
SQSO083437	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	200	ST/TS 200/150/121
SQSO029821	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	300	ST/TS 300/25/121
SQSO029822	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	300	ST/TS 300/40/121
SQSO051193	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	300	ST/TS 300/50/121
SQSO029824	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	300	ST/TS 300/80/121
SQSO083438	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	300	ST/TS 300/100/121
SQSO083439	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	300	ST/TS 300/150/121
SQSO083440	UNEQUAL T-PIECE WITH REDUCED BRANCH M/F/M	300	ST/TS 300/200/121



## CROSSPIECE

Code	Description	DN	Catalog ref.
SQSO027367	CROSSPIECE	15	ST/KR15
SQSO027370	CROSSPIECE	25	ST/KR25
SQSO027372	CROSSPIECE	40	ST/KR40
SQSO051336	CROSSPIECE	50	ST/KR50
SQSO027373	CROSSPIECE	80	ST/KR80
SQSO027374	CROSSPIECE	100	ST/KR100
SQSO027375	CROSSPIECE	150	ST/KR150

## Y-PIECE 45°

Code	Description	DN	Catalog ref.
SQSO029726	Y-PIECE 45°	50	ST/YS 50/25/121
SQSO029730	Y-PIECE 45°	80	ST/YS 80/25/121
SQSO029728	Y-PIECE 45°	80	ST/YS 80/50/121
SQSO029716	Y-PIECE 45°	100	ST/YS 100/25/121
SQSO029718	Y-PIECE 45°	100	ST/YS 100/50/121
SQSO029720	Y-PIECE 45°	150	ST/YS 150/25/121
SQSO029722	Y-PIECE 45°	150	ST/YS 150/50/121
SQSO029724	Y-PIECE 45°	150	ST/YS 150/80/121



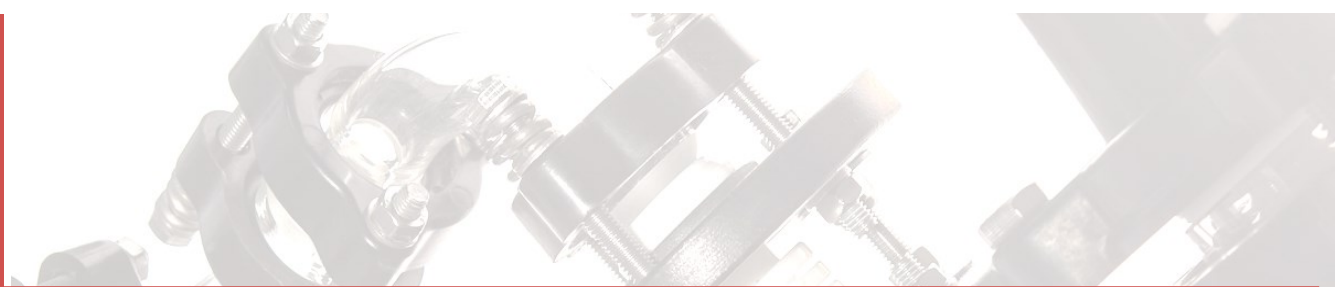
## U-BEND

Code	Description	DN	Catalog ref.
SQSO027425	U-BEND	15	ST/UB 15
SQSO027429	U-BEND	25	ST/UB 25
SQSO027432	U-BEND	40	ST/UB 40
SQSO027436	U-BEND	50	ST/UB 50
SQSO027440	U-BEND	80	ST/UB 80
SQSO027422	U-BEND	100	ST/UB 100

## U-BEND WITH BOTTOM OUTLET

Code	Description	DN	Catalog ref.
SQSO027426	U-BEND WITH BOTTOM OUTLET	15	ST/HO 15/15
SQSO008264	U-BEND WITH BOTTOM OUTLET	25	ST/HO 25/25
SQSO027434	U-BEND WITH BOTTOM OUTLET	40	ST/HO 40/25
SQSO027438	U-BEND WITH BOTTOM OUTLET	50	ST/HO 50/25
SQSO027442	U-BEND WITH BOTTOM OUTLET	80	ST/HO 80/25
SQSO083498	U-BEND WITH BOTTOM OUTLET	100	ST/HO 100/50





## PIPE REDUCER, CONCENTRIC

Description	DN1	DN2	Catalog ref.	Code	Catalog ref.	Code
PIPE REDUCER, CONCENTRIC	25	15	ST/RS 25/15/21	SQSO019644	-	-
PIPE REDUCER, CONCENTRIC	40	15	ST/RS 40/15/21	SQSO030223	-	-
PIPE REDUCER, CONCENTRIC	40	25	ST/RS 40/25/21	SQSO030226	-	-
PIPE REDUCER, CONCENTRIC	50	15	ST/RS 50/15/21	SQSO030266	-	-
PIPE REDUCER, CONCENTRIC	50	25	ST/RS 50/25/21	SQSO030142	-	-
PIPE REDUCER, CONCENTRIC	50	40	ST/RS 50/40/21	SQSO019655	-	-
PIPE REDUCER, CONCENTRIC	80	25	ST/RS 80/25/21/R	SQSO030294	ST/RS 80/25/31/R	SQSO030297
PIPE REDUCER, CONCENTRIC	80	40	ST/RS 80/40/21/R	SQSO030299	-	-
PIPE REDUCER, CONCENTRIC	80	50	ST/RS 80/50/21/R	SQSO030302	ST/RS 80/50/31/R	SQSO030305
PIPE REDUCER, CONCENTRIC	100	25	ST/RS 100/25/21/R	SQSO030112	ST/RS 100/25/31/R	SQSO030305
PIPE REDUCER, CONCENTRIC	100	40	ST/RS 100/40/21/R	SQSO030116	-	-
PIPE REDUCER, CONCENTRIC	100	50	ST/RS 100/50/21/R	SQSO030119	ST/RS 100/50/31/R	SQSO019633
PIPE REDUCER, CONCENTRIC	100	80	ST/RS 100/80/21/R	SQSO051205	ST/RS 100/80/31/R	SQSO019634
PIPE REDUCER, CONCENTRIC	150	25	ST/RS 150/25/21/R	SQSO030142	ST/RS 150/25/31/R	SQSO030144
PIPE REDUCER, CONCENTRIC	150	40	ST/RS 150/40/21/R	SQSO030146	-	-
PIPE REDUCER, CONCENTRIC	150	50	ST/RS 150/50/21/R	SQSO030149	ST/RS 150/50/31/R	SQSO019635
PIPE REDUCER, CONCENTRIC	150	80	ST/RS 150/80/21/R	SQSO030152	ST/RS 150/80/31/R	SQSO030154
PIPE REDUCER, CONCENTRIC	150	100	ST/RS 150/100/21/R	SQSO030136	ST/RS 150/100/31/R	SQSO030138
PIPE REDUCER, CONCENTRIC	200	25	ST/RS 200/25/21/R	SQSO030170	ST/RS 200/25/31/R	
PIPE REDUCER, CONCENTRIC	200	40	ST/RS 200/40/21/R	SQSO030174	-	-
PIPE REDUCER, CONCENTRIC	200	50	ST/RS 200/50/21/R	SQSO051206	ST/RS 200/50/31/R	SQSO030179
PIPE REDUCER, CONCENTRIC	200	80	ST/RS 200/80/21/R	SQSO030181	ST/RS 200/80/31/R	SQSO019642
PIPE REDUCER, CONCENTRIC	200	100	ST/RS 200/100/21/R	SQSO083533	ST/RS 200/100/31/R	SQSO030159
PIPE REDUCER, CONCENTRIC	200	150	ST/RS 200/150/21/R	SQSO030163	ST/RS 200/150/31/R	SQSO030165
PIPE REDUCER, CONCENTRIC	300	25	ST/RS 300/25/21/R	SQSO030206	ST/RS 300/25/31/R	SQSO030205
PIPE REDUCER, CONCENTRIC	300	40	ST/RS 300/40/21/R	SQSO030210	-	-
PIPE REDUCER, CONCENTRIC	300	50	ST/RS 300/50/21/R	SQSO030213	ST/RS 300/50/31/R	SQSO030212
PIPE REDUCER, CONCENTRIC	300	80	ST/RS 300/80/21/R	SQSO030217	ST/RS 300/80/31/R	SQSO030216
PIPE REDUCER, CONCENTRIC	300	100	ST/RS 300/100/21/R	SQSO030189	ST/RS 300/100/31/R	SQSO030191
PIPE REDUCER, CONCENTRIC	300	150	ST/RS 300/150/21/R	SQSO030194	ST/RS 300/150/31/R	SQSO051207
PIPE REDUCER, CONCENTRIC	300	200	ST/RS 300/200/21/R	SQSO030199	ST/RS 300/200/31/R	SQSO030201

## PIPE REDUCER, ECCENTRIC

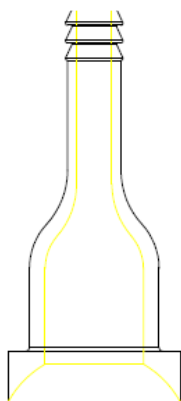
Code	Description	DN	Catalog ref.
SQSO032468	PIPE REDUCER, ECCENTRIC	50	ST/RU 50/25/21
SQSO083499	PIPE REDUCER, ECCENTRIC	80	ST/RU 80/25/21/R
SQSO083500	PIPE REDUCER, ECCENTRIC	100	ST/RU 100/25/21/R

## PIPE CLOSURE

-Description	DN1	Catalog ref.	Code	Catalog ref.	Code
PIPE CLOSURE	15	ST/BL 15/1	SQSO006229	ST/BL 15/2	SQSO006207
PIPE CLOSURE	25	ST/BL 25/1	SQSO006232	ST/BL 25/2	SQSO006210
PIPE CLOSURE	40	ST/BL 40/1	SQSO006234	ST/BL 40/2	SQSO006212
PIPE CLOSURE	50	ST/BL 50/1	SQSO006235	ST/BL 50/2	SQSO006213
PIPE CLOSURE	80	ST/BL 80/1/R	SQSO006214	ST/BL 80/2/R	SQSO006193
PIPE CLOSURE	100	ST/BL 100/1/R	SQSO006228	ST/BL 100/2/R	SQSO006206
PIPE CLOSURE	150	ST/BL 150/1/R	SQSO006230	ST/BL 150/2/R	SQSO006208
PIPE CLOSURE	200	ST/BL 200/1/R	SQSO006231	ST/BL 200/2/R	SQSO006209
PIPE CLOSURE	300	ST/BL 300/1/R	SQSO051033	ST/BL 300/2/R	SQSO006211



### HOSE CONNECTOR



Code	Description	DN	Catalog ref.
SQSO029323	HOSE CONNECTOR	15	ST/OL 15/8
SQSO029324	HOSE CONNECTOR	15	ST/OL 15/20
SQSO029328	HOSE CONNECTOR	25	ST/OL 25/8
SQSO029329	HOSE CONNECTOR	25	ST/OL 25/16
SQSO017548	HOSE CONNECTOR	25	ST/OL 25/22
SQSO017550	HOSE CONNECTOR	25	ST/OL 25/30
SQSO029320	HOSE CONNECTOR	40	ST/OL 40/50
SQSO029321	HOSE CONNECTOR	50\	ST/OL 50/60

### HOSE CONNECTOR, BENT

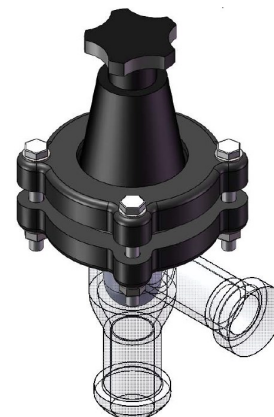
Code	Description	DN	Catalog ref.
SQSO017541	HOSE CONNECTOR, BENT	15	ST/OL 15/20/W
SQSO083534	HOSE CONNECTOR, BENT	25	ST/OL 25/20/W
SQSO083535	HOSE CONNECTOR, BENT	25	ST/OL 25/30/W

### BOTTOM OUTLET VALVE

Code	Description	DN	Catalog ref.
SQTK045487	BOTTOM OUTLET VALVE	40	ST/VB 40/15
SQTK032037	BOTTOM OUTLET VALVE	50	ST/VB 50/25
SQTK032039	BOTTOM OUTLET VALVE	80	ST/VB 80/50

## ANGLE VALVE

Code	Description	DN	Catalog ref.
SQTK032087	ANGLE VALVE	15	ST/VE 15
SQTK025359	ANGLE VALVE	25	ST/VE 25
SQTK032089	ANGLE VALVE	49	ST/VE 40
SQTK032090	ANGLE VALVE	50	ST/VE 50
SQTK027305	ANGLE VALVE	80	ST/VE 80
SQTK027296	ANGLE VALVE	100	ST/VE 100



## STRAIGHT-THROUGH VALVE

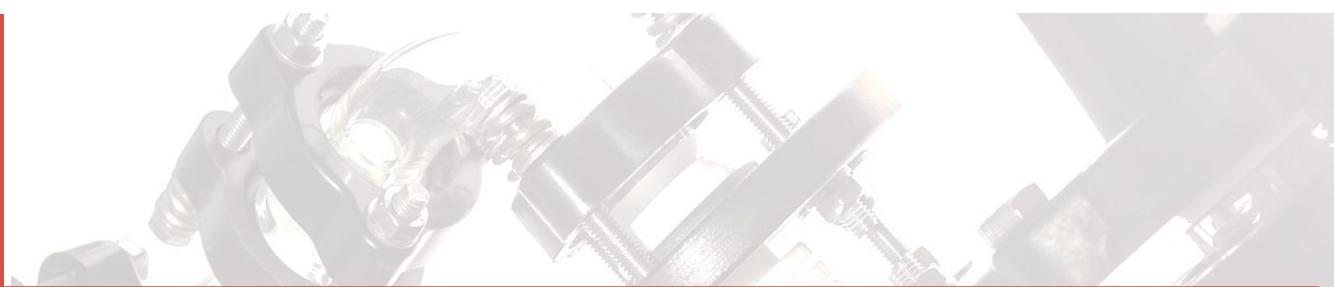
Code	Description	DN	Catalog ref.
SQTK032143	ANGLE VALVE	15	ST/VS 15
SQTK025401	ANGLE VALVE	25	ST/VS 25
SQTK032159	ANGLE VALVE	40	ST/VS 40
SQTK032166	ANGLE VALVE	50	ST/VS 50
SQTK083536	ANGLE VALVE	80	ST/VS 80
SQTK083537	ANGLE VALVE	100	ST/VS 100

## DRAIN VALVE

Code	Description	DN	Catalog ref.
SQTK032144	DRAIN VALVE	15	ST/VS 15/OL
SQTK025402	DRAIN VALVE	25	ST/VS 25/OL
SQTK032168	DRAIN VALVE	50	ST/VS 50/OL

## VENT VALVE

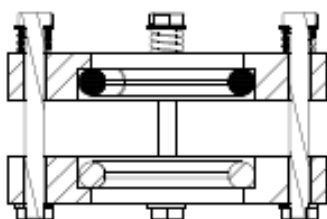
Code	Description	DN	Catalog ref.
SQTK033374	VENT VALVE	25	ST/VE 25/L



**VALVE BONNET**

Code	Description	DN	Catalog ref.
GQTK046551	VALVE BONNET	DN15	ST/TESI 15
GQTK046552	VALVE BONNET	DN25	ST/TESI 25
SQTK014965	VALVE BONNET	DN40	ST/TESI 40
SQTK014966	VALVE BONNET	DN50	ST/TESI 50

**COMPLETE COUPLINGS ACCORDING TO DIN ISO 3587 AND ISO 4704 WITH PLASTIC BACKING FLANGES, AISI302 COMPRESSION SPRINGS, AISI304 BOLTS, SCREWS AND WASHERS**



Code	Description	DN	Catalog ref.
SQQI007895	COMPLETE COUPLING	DN15	ST/SVER 15/K
SQQI007877	COMPLETE COUPLING	DN25	ST/SVED 25/K
SQQI007878	COMPLETE COUPLING	DN40	ST/SVED 40/K
SQQI007879	COMPLETE COUPLING	DN50	ST/SVED 50/K
SQQI007880	COMPLETE COUPLING	DN80	ST/SVED 80/K
SQQI007881	COMPLETE COUPLING	DN100	ST/SVED 100/K
SQQI007882	COMPLETE COUPLING	DN150	ST/SVED 150/K
SQQI007883	COMPLETE COUPLING	DN200	ST/SVED 200/K
SQQI007884	COMPLETE COUPLING	DN300	ST/SVED 300/K

## COLLAR GASKETS

Code	Description	DN	Catalog ref.
SQQI011682	COLLAR GASKET	DN15	ST/DICH 15/T
SQQI011688	COLLAR GASKET	DN25	ST/DICH 25/T
SQQI011692	COLLAR GASKET	DN40	ST/DICH 40/T
SQQI011696	COLLAR GASKET	DN50	ST/DICH 50/T
SQQI011699	COLLAR GASKET	DN80	ST/DICH 80/T
SQQI011680	COLLAR GASKET	DN100	ST/DICH 100/T
SQQI011684	COLLAR GASKET	DN150	ST/DICH 150/T
SQQI011686	COLLAR GASKET	DN200	ST/DICH 200/T
SQQI011690	COLLAR GASKET	DN300	ST/DICH 300/T
SQQI011693	COLLAR GASKET	DN400	ST/DICH 400/T
SQQI011694	COLLAR GASKET	DN450	ST/DICH 450/T
SQQI011697	COLLAR GASKET	DN600	ST/DICH 600/T



## PTFE VALVE SHUTTER

Code	Description	DN	Catalog ref.
SQTK015547	PTFE VALVE SHUTTER	DN10	ST/OTT 10/T
SQTK015548	PTFE VALVE SHUTTER	DN15	ST/OTT 15/T
SQTK015549	PTFE VALVE SHUTTER	DN25	ST/OTT 25/T
SQTK051505	PTFE VALVE SHUTTER	DN40	ST/OTT 40/T
SQTK015551	PTFE VALVE SHUTTER	DN50	ST/OTT 50/T
SQTK051506	PTFE VALVE SHUTTER	DN80	ST/OTT 80/T
SQTK028679	PTFE VALVE SHUTTER	DN100	ST/OTT 100/T

