

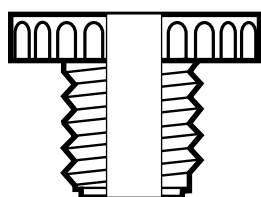
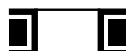
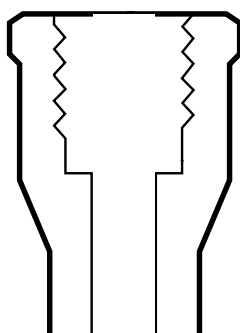
**SVL® Torion joints, glass bodies****SVL®**

- Alternative jointing system for glassblowers to make connections between tubing and glassware
- Only glass and PTFE come into contact with the liquid being used to provide a chemical resistant pathway
- Complete joint comprises borosilicate glass body, glass filled polypropylene fitting and rubber/PTFE sealing ring
- Glass body has an internal screwthread into which is fitted the rubber sealing ring sheathed with PTFE. Tubing is pushed through the screwthread fitting, which is then threaded onto the glass body. As the fitting is tightened, the sealing ring is compressed to form a seal between the tubing and the body

Product Code	Body height mm	Body max O.D. mm	Shank O.D. mm	Shank length mm	Pack qty.
721-01	27	21	14	8	10
721-02	32	26	17	9	10
721-03	42	37	25	15	10



721-01 supplied with 720-01 fitting and 701-20 sealing ring.
 721-02 supplied with 720-02 fitting and 701-23 sealing ring.
 721-03 supplied with 720-03 fitting and 701-24 sealing ring.

**720:****701:****721:****SVL® Torion joints, spare sealing rings****SVL®**

- Spare sealing rings for use with Torion joints to allow tubing of different diameters to be accommodated
- Manufactured from silicone rubber faced with PTFE to protect against chemical attack

Product Code	To suit glass body	To accept tubing O.D. mm	Pack qty.
701-19	721-02	4.0 - 4.4	10
701-20	721-01	4.8 - 5.2	10
701-21	721-02	5.6 - 6.4	10
701-22	721-02	6.6 - 7.4	10
701-23	721-02	7.6 - 8.4	10
701-24	721-03	13.6 - 14.4	10
701-25	721-03	15.6 - 16.4	10
701-51	721-03	9.6 - 10.4	10
701-52	721-03	11.6 - 12.4	10



SVL®, Torion joints, spare fittings

SVL®

- For use with Torion glass bodies and rubber/PTFE sealing rings
- Fittings available in choice of materials
 - Glass filled polypropylene for use at temperatures up to 180°C
 - PTFE for use at temperatures up to 250°C

Product Code	Material	Bore (mm)	Pack qty.
720-01	Polypropylene	5.7	10
720-02	Polypropylene	8.7	10
720-03	Polypropylene	14.7	10
720-04	PTFE	5.7	10
720-05	PTFE	8.7	10
720-06	PTFE	14.7	10

SVL®, stirrer shafts

SVL®

- Designed for use with SVL® stirrer heads and stirrer bearings
- Manufactured from borosilicate glass
 - Lower end with internal screwthread to accept choice of stirrer heads
 - Upper section of shaft is ground to fit choice of stirrer bearings

Product Code	To fit SVL® reaction vessels cap. ml	Shaft length mm	Pack qty.
588-32	500, 1000, 2000	315	1
588-33	1000, 2000, 4000	405	1
588-34	2000, 4000, 6000, 10,000	490	1
588-35	20,000	580	1



Diameter is approximately 10mm on the ground part of the shaft.





SVL®, stirrer heads

SVL®

- Designed for use with SVL® stirrer shafts
- Head simply screws into the end of the shaft
- Manufactured from a PTFE based polymer with the Anchor and Helix types stiffened by a metal core

Product Code	Type	Application	Diameter swept mm	Pack qty.
588-93	Collapsible blades	Vessels with SVL 30 joint or 29/32 socket	70	1
588-94	Paddle	SVL thermostatic reactors	70	1
588-95	Anchor	SVL reaction vessels	90	1
588-97	Helix-6 blades	SVL reaction vessels	80	1
588-98	Anchor	SVL reaction vessels	54	1



Stirrers must be rotated in a clockwise direction to prevent unscrewing of the thread.



SVL®, stirrer Bearings

SVL®

- Designed to accept SVL® stirrer shafts with ground glass surfaces
- Borosilicate glass complete with fittings
- Glands made from a PTFE based polymer which is self lubricating and corrosion-resistant
- Two types available:
 - With SVL® screwthread to allow connection to SVL® flasks
 - With Quickfit® ground glass cone to allow connection to Quickfit® flasks

Product Code	Cone size	SVL thread size	Pack qty.
588-03	-	30	1
588-07	19/26	-	1
588-08	24/29	-	1
588-09	29/32	-	1
588-12	45/40	-	1



Bearings having an SVL® screwthread can be connected to SVL® reaction flasks via SVL® butt joints.

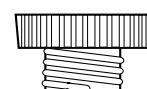


SVL®, spare parts for stirrer bearing

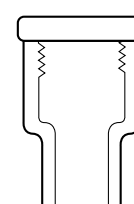
SVL®

- Range of spare parts enabling the user to replace worn components easily and economically

Product Code	Description	Pack qty.
588-00	Torion glass body (without glands)	1
588-92	Spare glands - complete set includes 3 bearings, 2 bushes, 1 spring, 1 washer, 1 screwhead fitting	2
588-99	Spare bearings	10



588-92



588-00

SVL®, reaction vessels

SVL®

- Manufactured from borosilicate glass for high resistance to chemical attack and thermal shock
- With 100mm wide neck to accept SVL® lids and sealing ring

Product Code	Capacity (ml)	Body O.D. mm	Overall height mm	Shape	Pack qty.
296-54	500	115	120	Cylindrical	1
296-60	1000	115	200	Cylindrical	1
296-72	4000	206	245	Spherical	1
296-75	6000	235	280	Spherical	1
296-80	10000	279	325	Spherical	1
296-84	20000	345	410	Spherical	1



Lids and sealing rings for use with these reaction vessels are detailed on page 259.