ADAPTERS 01-1000: REDUCING ADAPTER - 5 Joints. Used to connect dissimilar taper joint sizes. Code # Top Outer **Bottom Inner** Code # Top Outer **Bottom Inner** 01 10/30 19/38 19 19/38 45/50 02 10/30 24/40 20 19/38 55/50 03 29/42 21 24/40 29/42 10/30 04 10/30 35/45 22 24/40 35/45 23 05 45/50 24/40 10/30 45/50 \$ 24 06 12/30 24/40 24/40 55/50 07 12/30 29/42 25 24/40 71/60 08 12/30 34/45 26 29/42 29/42 09 27 29/42 34/45 12/30 45/50 10 14/35 19/38 28 29/42 45/50 11 29 29/42 14/35 24/40 55/50 30 12 14/35 29/42 29/42 55/50 13 14/35 34/45 31 34/45 45/50 Other sizes available 14 32 14/35 45/50 34/45 55/50 upon request 33 15 14/35 55/50 45/50 45/50 16 24/40 34 19/38 45/50 55/50 17 35 29/42 19/38 45/50 55/50 18 19/35 34/45 36 45/50 71/60 01-1020: ENLARGING ADAPTER - 5 joints. Used to connect dissimilar taper joint sizes. Code # **Bottom Inner** Code# **Bottom Inner** Top Outer Top Outer 01 19/38 10/30 10 29/42 19/38 02 19/38 12/30 11 19/42 24/40 03 19/38 14/35 12 34/45 19/38 5 04 24/40 13 34/45 10/30 24/40 34/45 05 24/40 14 12/30 29/42 06 24/40 14/35 15 45/50 19/38 07 24/40 19/38 16 45/50 24/40 17 08 29/42 10/30 45/50 29/42 29/42 14/35 18 50/50 29/42 01-1040: REDUCING and ENLARGING ADAPTER - F Joint at top and bottom. **Bottom Inner** Code# Top Outer Code # Top Outer **Bottom Inner** 09 01 12/5 18/7 18/7 12/5 02 12/5 10 28/12 28/12 12/5 03 11 12/5 35/20 28/12 18/9 04 18/9 28/12 12 35/20 12/5 05 18/9 28/12 13 35/25 18/9 06 14 35/25 28/15 28/15 35/25 07 35/25 50/30 15 50/30 35/25 08 35/25 65/40 16 65/40 35/25 01-1060: CONNECTING COMBINATION ADAPTER - ■ Joint at top and **₱** joint at bottom. **S 5** Joint **5** Joint **ቜ** Joint **雪** Joint Code # Code # 7/25 12/5 09 24/40 28/15 01 24/40 02 10/30 18/7 10 35/25 03 28/15 11 24/40 10/30 50/30

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

24/40

29/42

29/42

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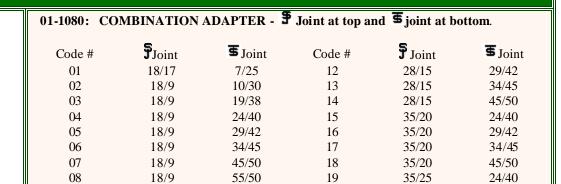
35/25



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14/35

19/38

24/40

01-1180: ADAPTER BUSHING, GLASS – Bushing style adapter having a lower standard taper inner joint and outer joint ground in the bore of the adapter.

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35/25

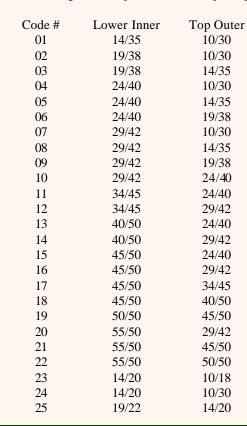
35/25

35/25

29/42

24/45

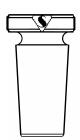
45/50



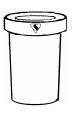
28/12

28/15

28/15



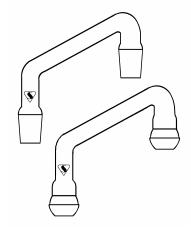
01-1180-T: ADAPTER BUSHING, TEFLON® - Similar to 01-1160, but made entirely of Teflon®.



Code #	Lower Inner	Top Outer
01	24/40	19/38
02	29/42	24/40
03	34/45	29/42
04	45/50	24/40
05	45/50	29/42
06	45/50	34/45

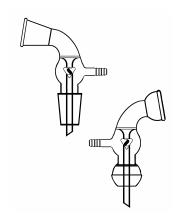
01-1100: CONNECTING ADAPTER - Connecting tube between the two joints is at an angle of 75° to the upper joint. Available with \blacksquare or \blacksquare joints. Distance between joints is 250mm.

Code #	s Joint	Code #	∮ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25



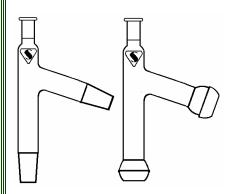
01-1120: 105° ADAPTER - With hose connection and \blacksquare or \blacksquare at top and bottom.

Code #	■ Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25



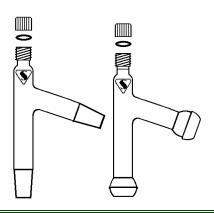
01-1140: ADAPTER: Sidearm is at a 75° angle to lower end of the main tube. Top of the main tube has a 5 10/30 outer joint for the use with a thermometer calibrated for 75mm immersion. Lower end of main tube and sidearm are 5 10/30 inner or 10/30 joints of the same size.

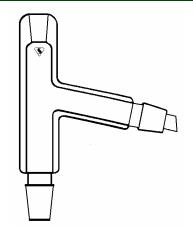
蛋 Code #	s Joint	≸ Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

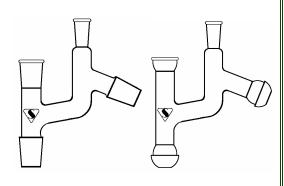


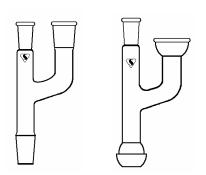
01-1160: ADAPTER - Similar to 01-1140, but with the addition of a Celcon® compression cap and Viton o-ring. Allows variable depth adjustment of a 6-7mm thermometer or tube.

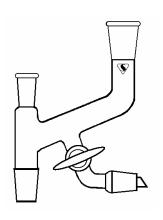
Code #	5 Joint Size	Code #	≸ Joint Size
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25
07 08	Replacement Cap O-ring #107 Viton	– 6pk.	











01-1820: ADAPTER, DISTILLATION, JACKETED – Adapter is vacuum jacketed and can be used as a distilling head to connect a condenser with the top of the distillation column. 10/30 top outer joint for use with 75mm immersion thermometers. Inner joints are at a 75° angle to one another and are both the same size.

Code #	■ Joint Size	Code #	5
01	24/40	03	18/9
02	29/42	04	28/15

Other joint sizes available. Please specify.

01-1520: CLAISEN ADAPTER - Take-off tube is sealed at an angle of 75° on vertical sidearm to lower portion of main tube. Top joint of the main tube is standard taper outer joint of the same size as \blacksquare inner joints on the take-off tube and lower portion of the main tube. On the top of the vertical sidearm is a \blacksquare 10/30 outer joint for a thermometer of 75mm.

Code #	▼ Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

01-1720: ADAPTER, OFFSET - Vertical sidearm has an souter joint the same size as the inner sjoint located at the bottom of the main tube. Top of the main tube has a south 10/30 joint for use with a 75mm immersion thermometer with ground joint of equal size.

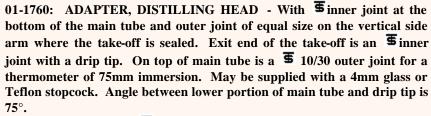
Code #	s Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

01-1740: ADAPTER, DISTILLING HEAD - With \blacksquare inner joint at the bottom of the main tube and outer joint of equal size on the vertical side arm where the take-off is sealed. Exit end of the take-off is an \blacksquare inner joint with a drip tip. On top of main tube is a \blacksquare 10/30 outer joint for a thermometer of 75mm immersion. May be supplied with a 4mm glass or Teflon stopcock. Angle between lower portion of main tube and drip tip is 75°.

Code #	≤ Joint	Stopcock
01	19/22	Glass
02	24/40	Glass
03	29/42	Glass
04	19/22	Teflon
05	24/40	Teflon
06	29/42	Teflon

01-1750: ADAPTER, DISTILLING HEAD - With sinner joint at the bottom of the main tube and outer joint of equal size on the vertical side arm. Exit end of the take-off is an sinner joint with a drip tip. On top of main tube is a Celcon® compression nut and Viton oring to allow variable depth adjustment for a 6-7mm thermometer. May be supplied with a 4mm glass or Teflon stopcock. Angle between lower portion of main tube and drip tip is 75°.

Code #	s Joint	Stopcock 2mm
01	19/22	Glass
02	24/40	Glass
03	29/42	Glass
04	19/22	Teflon
05	24/40	Teflon
06	29/42	Teflon
01-1160-07	Replacement Cap	
01-1160-08	O-ring #107 Viton (6pack)



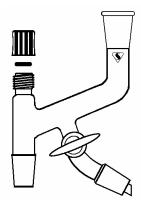
Code #	s Joint	Stopcock 2mm
01	24/40	Glass
02	29/42	Glass
03	24/40	Teflon
04	29/42	Teflon

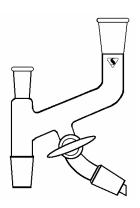
01-1460: ADAPTER, CLAISEN - Take-off arm and drip tip joint of 75° on vertical side to lower portion of main tube. Top joint of the main tube is either ■ or ■ outer joint of the same size as inner joint on the take-off tube and lower portion of the main tube.

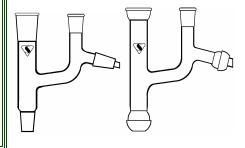
Code #	s Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

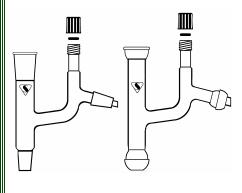
01-1440: ADAPTER, CLAISEN – Take-off and drip tip joint of 75° on vertical side arm to lower portion of main tube. Top joint of the main tube is either **\(\varphi\)** or **\(\varphi\)** outer joint of the same size as inner joint on the take-off tube and lower portion of the main tube. On the top of the vertical side arm is a Celcon® compression nut with a Viton oring to allow variable depth adjustment of a 6-7mm thermometer.

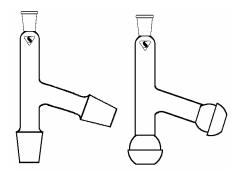
Code #	5 Joint 19/22	Code # 04	9 Joint 18/9
~ -			
02	24/40	05	28/15
03	29/42	06	35/25
01-1160-05	Replacement Cap		
01-1160-06	O-ring #107 Viton ((6pack)	

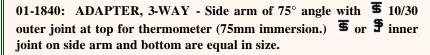




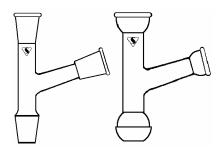






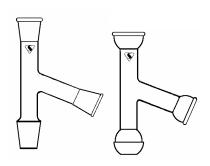


Code #	▼ Joint	Code #	≸ Joint
01	19/22	03	18/9
02	24/40	04	28/12
03	29/42	06	35/25



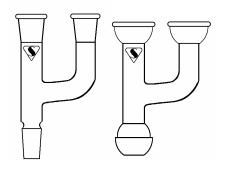
01-1860: ADAPTER, 3-WAY - Sidearm is a 105° up angle. Side arm and top of main tube are either **⋾** or **⋾** outer joints. Bottom joint of main tube is **⋾** or **⋾** inner joint. All joints are equal size.

Code #	s Joint	Code #	≸ Joint
01	19/22	03	18/9
02	24/40	04	28/12
03	29/42	06	35/25



01-1880: ADAPTER, 3-WAY - Sidearm is a 75° down angle. Side arm and top of main tube are either **\overline{\overlin**

Code #	s Joint	Code #	≸ Joint
01	19/22	03	18/9
02	24/40	04	28/12
03	29/42	06	35/25



01-2060: ADAPTER, 3-WAY - With vertical sidearm. Sidearm and upper portion of tube have \blacksquare or \blacksquare outer joint with the lower tube having \blacksquare or \blacksquare inner joints. All three joints are equal in size.

Code #	▼ Joint	Code #	≸ Joint
01	19/22	03	18/9
02	24/40	04	28/12
03	29/42	06	35/25

01-1200: STRAIGHT ADAPTER - With **5** or **9** inner joint at one end and hose connection on the opposite end.

Code #	s Joint	Code #	≸ Joint
01	19/22	05	18/9
02	24/40	06	28/15
03	29/42	07	35/25
04	34/45	08	35/20

01-1220: ADAPTER, HOSE CONNECTION - With **5** or **9** outer joint at one end and hose connection on the opposite end.

Code #	s Joint	Code #	∌ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

01-1210: THERMOMETER ADAPTER - **5** or **5** inner joint on bottom and Celcon® compression nut with Viton o-ring on top. Allows variable depth adjustment of a 6-7 thermometer or tube.

Code #	5 Joint	Code #	≸ Joint
01	19/22	05	18/9
02	24/40	06	28/15
03	29/42	07	35/25
04	34/45		

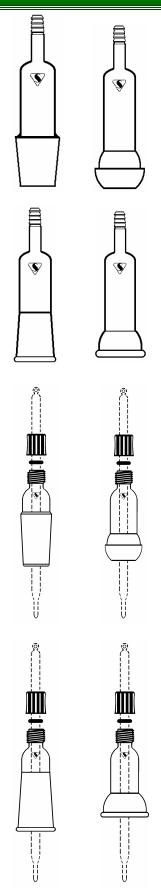
01-1160-01 Replacement Cap 01-1160-02 O-ring #107 Viton (6pack)

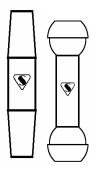
01-1230: THERMOMETER ADAPTER - **5** or **5** outer joint on bottom and Celcon® compression nut with Viton o-ring on top. Allows variable depth adjustment of a 6-7 thermometer or tube.

Code #	5 Joint	Code #	≸ Joint
01	19/22	05	18/9
02	24/40	06	28/15
03	29/42	07	35/25
04	34/45		

01-1160-03 Replacement Cap

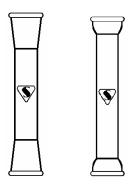
01-1160-04 O-ring #107 Viton (6pack)





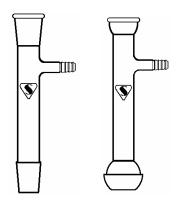
01-1240: ADAPTER, CONNECTING - With **5** or **9** inner joints of equal size at each end.

\$ 24/40 Joint Code	\$ 29/42 Joint Code	\$ 18/9 Joint Code	₱28/12 Joint Code	\$ 35/25 Joint Code	Length Between Joints in mm
01	05	09	13	17	30
02	06	10	14	18	75
03	07	11	15	19	120
04	08	12	16	20	170



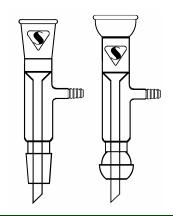
01-1260: ADAPTER, CONNECTING - With \blacksquare or \blacksquare outer joints of same size at each end.

\$ 24/40 Joint Code	\$ 29/42 Joint Code	₱18/9 Joint Code	\$ 28/12 Joint Code	\$ 35/25 Joint Code	Length between joints in mm
01	05	09	13	17	30
02	06	10	14	18	75
03	07	11	15	19	120
04	08	12	16	20	170



01-1300: ADAPTER, VACUUM - With side arm hose connection and ■ or ■ joints of equal size. Overall length is 125mm.

Code #	s Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

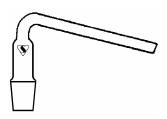


01-1320: ADAPTER, VACUUM - With **5** or **5** of same size at top and bottom, side hose connection and internally sealed drip tip.

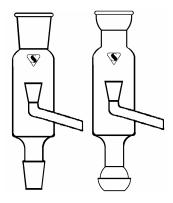
Code #	5 Joint	Code #	≸ Joint
01	19/22	03	18/9
02	24/40	04	28/12
03	29/42	06	35/25

01-1400: 75° ANGLE ADAPTER – 8mm OD Delivery tube, length 150mm long.

Code #	s Join
01	19/22
02	24/40
03	29/42

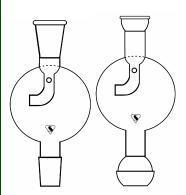


Code #	5 Joint	Code #	∮ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25



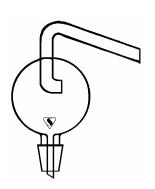
01-1480: STRAIGHT ADAPTER WITH KJELDAHL TRAP - With ■ or ₱ outer joint at top and ■ or ₱ inner at bottom. Top and bottom joints are the same size. Bulb Volume: 300ml

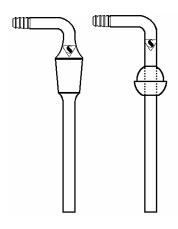
Code #	5 Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25



01-1500: KJELDAHL TRAP ADAPTER - With **5** inner drip tip at the bottom and delivery tube at the top bent at 105° angle. Delivery tube is 8mm O.D. x 150mm long. Bulb Volume: 300ml

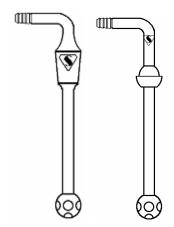
Code #	■ Joint Size
01	14/20
02	19/22
03	24/40
04	29/42





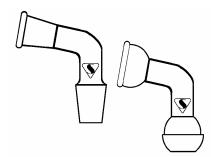
01-1600: 90° ADAPTER, GAS INLET – Permits gas to be introduced at the bottom of larger reaction vessels or flasks. With serrated hose connection.

Code #	s Joint	Code #	≸ Joint	Length Below Joint
01	19/22	04	18/9	150mm
02	24/40	05	28/12	200mm
03	29/42	06	35/25	250mm



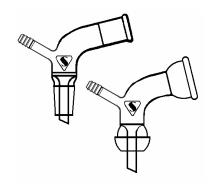
01-1620: ADAPTER, GAS INLET. Similar to .01-1600 except that the end of the delivery stem has a sparging bulb.

Code#	s Joint	Code #	5 Joint	Length Below Joint
01	19/22	04	18/9	150mm
02	24/40	05	28/12	200mm
03	29/42	06	35/25	250mm



01-1640: ANGLE ADAPTER, 105° - Connecting adapter with inner and outer Ξ or Ξ joints of equal size.

Code #	s Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

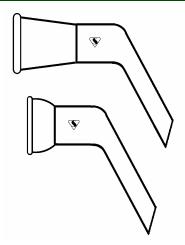


01-1660: VACUUM ADAPTER, 105° - With **5** or **9** outer joint of equal size at top and bottom. Has a side hose connection and internal sealed in drip tip.

Code #	≤ Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

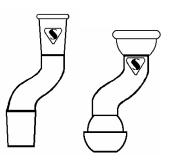
01-1680: ANGLE ADAPTER, 105° , DISTILLATE – With a top outer standard taper joint. Tapered delivery tube is bent at a 105° angle to the outer joint and extends into open receivers. Length of stem 100mm.

Code #	s Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25



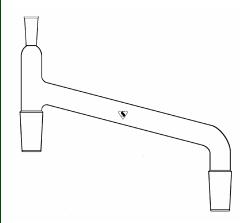
01-1700: OFFSET ADAPTER - With top outer and lower inner joints. Offset is 40mm.

Code #	5 Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25



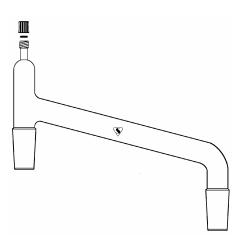
01-1770: DISTILLING ADAPTER – With **5** 10/30 top joint on top of main tube for 75mm immersion thermometer. Main tube lower and 75° side arm joints are of the same size. Width is 175mm.

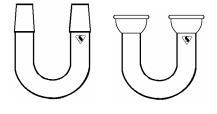
Code#	5 Joint Size	Code #	≸ Joint Size
01	19/22	04	18/9
02	24/40	05	28/12
03	29/42	06	35/25

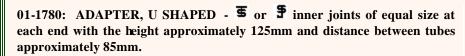


01-1775: DISTILLING ADAPTER –Same as 01-1770 but with Celcon® compression cap and Viton o-ring. Allows for variable depth adjustment of a 6-7mm thermometer. Width is 175mm.

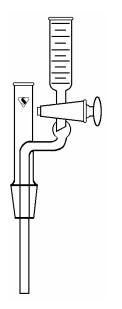
Code #	5 Joint Size	Code #	5 Joint Size
01	19/22	04	18/9
02	24/40	05	28/12
03	29/42	06	35/25





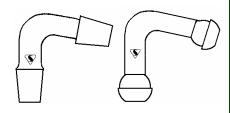


Code #	s Joint	Code #	≸ Joint
01	19/22	05	18/9
02	24/40	06	28/15
03	29/42	07	35/25
04	34/45		



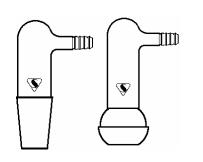
01-1800: ADDITIVE ADAPTER - 50ml capacity graduated dropping addition funnel.

Code #	s Joint	Stopcock 2mm
01	19/22	Glass
02	24/40	Glass
03	29/42	Glass
04	19/22	Teflon
05	24/40	Teflon
06	29/42	Teflon



01-1900: ADAPTER, 75° ANGLE - **\$** or **\$** inner joint of same size. Approximate width is 75mm.

Code #	s Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

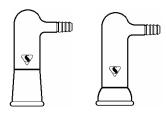


01-1920: ADAPTER, 90°, WITH HOSE CONNECTION – Male Joints. Length is 75mm.

Code #	s Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25

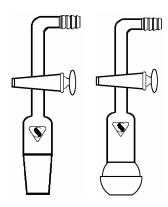
01-1940: ADAPTER, 90° , WITH HOSE CONNECTION - With female joints. Length is 75mm.

Code #	s Joint	Code #	5 Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25



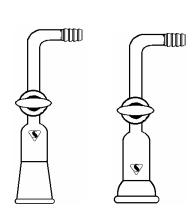
01-1960: ADAPTER WITH STOPCOCK - With inner **5** or **9** joint.

s with 2mm 7	Γeflon Stopcock	s with 2mm €	Glass Stopcock
Code #	≤ Joint	Code #	≤ Joint
01	19/22	04	19/22
02	24/40	05	24/40
03	29/42	06	29/42
⋾ with 2mm Teflon Stopcock		∮ with 2mm	Glass Stopcock
07	18/9	10	18/9
08	28/12	11	28/12
09	35/25	12	35/25



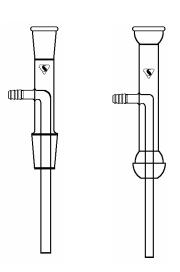
01-1980: ADAPTER WITH STOPCOCK - With \blacksquare or \blacksquare outer joint. Length is 120mm.

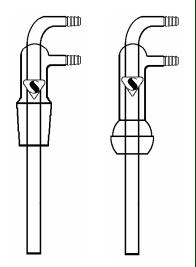
s with Teflor	Stopcock 2mm	■ with Glass	Stopcock 2mm
Code #	≤ Joint	Code #	≤ Joint
01	19/22	04	19/22
02	24/40	05	24/40
03	29/42	06	29/42
9 with Teflor	Stopcock 2mm	9 with Glass	Stopcock 2mm
07	18/9	10	18/9
08	28/15	11	28/12
09	35/25	12	35/25



01-2000: ADAPTER, GAS INLET - Outer joint at top and inner joint at bottom of the main tube of equal size. The gas inlet tube extends 200mm below the inner joint.

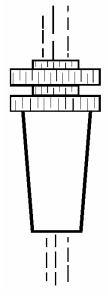
Code #	▼ Joint
01	19/22
02	24/40
03	29/42
Code #	≸ Joint
04	18/9
05	28/12
0.5	35/25





01-2020: ADAPTER, GAS INLET - With **5** or **9** inner joint and 200mm delivery tube.

Code #	s Joint	Code #	≸ Joint
01	19/22	04	18/9
02	24/40	05	28/15
03	29/42	06	35/25



01-2080: TEFLON ADAPTER - Compression nut allows precise depth positioning of thermometers, tubes and rods with an OD of 6-7mm. Supplied with Viton o-ring.

Code #	s Joint	Code #	s Joint
01	10/18	04	24/25
02	14/20	05	29/26
03	19/22		



01-3000: BALL JOINT CLAMPS - Forked jaw clamp made of stainless steel with screw-type locking device.

Code #	Size	Fits standard joint size
01	12	12mm
02	12BOR	12mm ball o-ring
03	18	18mm
04	18BOR	18mm ball o-ring
05	28	28mm
06	35	35mm
07	50	50mm
08	65	65mm

01-1310: PLASTIC JOINT CLIP – Non marring Delrin® snap-on clip. Safe usage up to 140° C. Not for pressure use. 10 per pack.

Code #	5 Joint Size	Color
01	10/18	Light Green
02	12/30	Violet
03	14/20	Yellow
04	19/22	Blue
05	24/40	Green
06	29/42	Red
07	34/45	Orange
08	40/35	Dark Yellow
09	45/50	Brown



01-3015: JOINT CLIP – Non-marring Teflon® coated rigid clip. Safe usage up to 500° F. 6 per pack.

Code #	Joint Size
01	10/18
02	12/30
03	14/20
04	19/22
05	24/40
06	29/42
07	34/45
08	40/35
09	45/50



 $\bf 01\text{-}3020\text{:}\ STAINLESS\ STEEL\ SPRINGS-For\ use\ in\ the\ connection\ of\ joints\ that\ use\ hooks.$

Code #	Length	5 Fits standard joint size
01	19mm	7/25 - 19/22
02	25mm	19/38 - 29/42
03	32mm	34/45 - 40/50

Custom Lengths Available



01-3040: BOROSILICATE GLASS BEADS - For use in column packing, mixing or boiling. Packed in 1Lb. Packages. Diameter $\pm\,1\!/\!_2$ mm.

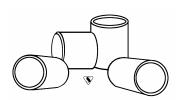
Code #	Diameter	Pieces Per LB.
01	2mm	45,000
02	3mm	12,000
03	4mm	5,000
04	5mm	3,000
05	6mm	1500







Code #	s Joint	Code #	s Joint
01	7/15	13	14/35
02	10/18	14	19/38
03	12/18	15	24/40
04	14/20	16	29/42
05	19/22	17	34/45
06	24/25	18	40/50
07	29/26	19	45/50
08	34/28	20	50/50
09	40/35	21	55/50



01-3080: DISTILLING COLUMN PACKING, RASCHING RINGS – Rings are made of borosilicate glass and sold in one pound packages.

OD x Length mm
6 x 6
7 x 7
8 x 8
12 x 12



01-4000: DISTILLING COLUMN PACKING, PORCELAIN BERL SADDLES – Porcelain saddles having an OD of 6mm, ideal for vacuum distillation, absorption and extraction. Saddles provide a highly useable surface area, lower gas flow resistance and excellent internal distribution. Available in packages of 200cc and 1000cc boxes.

Code #	Package Size cc	Approximate Pieces per Package
01	200cc	250
02	1000cc	1250

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137



Most all of the adapters in this section are available with other joint sizes and in custom lengths. Please contact the sales department with your specifications for all custom glassware, or for a glass repair quote.

sales@specialtyglassinc.com