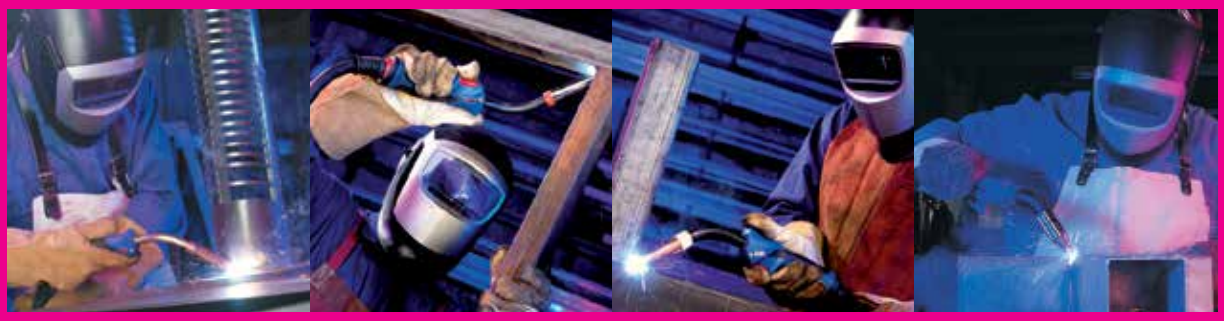
TECHNOLOGY FOR THE WELDER'S WORLD.

MIG/MAG



Central Adaptors Kits & Connectors

ABICOR BINZEL®

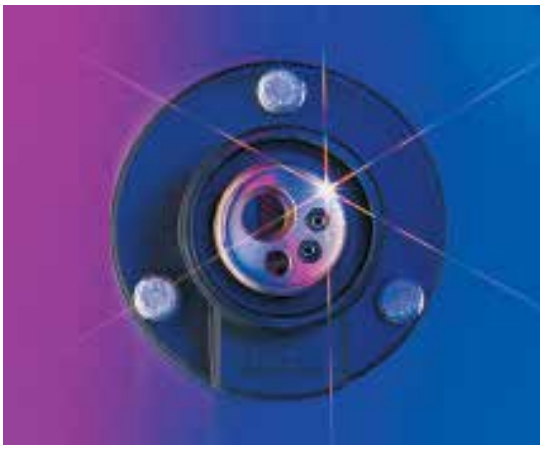
www.binzel-abicor.com

Central Adaptor and Central Connector System

The Universal Connection.

The original Abicor Binzel Central Adaptor and Central Connector, for air-cooled and liquid-cooled MIG/MAG machines, have been the industry standard for more than 30 years.

All machine types are different in construction and all wire feeding systems have their own dimensions. However, there is a common denominator; the central adaptor system from Abicor Binzel.



We offer many of different central adaptor types. See pages 6-7.

If you cannot locate the correct kit on pages 6-7, please complete page 11 so that we can assist in producing a custom kit.

Central Adaptor and Central Connector System

Adaptor Flanges

Description	Item No.	Details	Part No.
Insulation flange	1	ø 3.35" (85mm)	501.0630
Insulation flange	2	ø 1.97" (50mm)	501.9170

The adaptor flange insulates the adaptor block form the panel or enclosure and guides the rear end of the gun to a proper alignment of the gas fittings, trigger pin connectors, wire inlet and power connection

Adaptor Blocks

Description	Item No.	Details	Part No.
Adaptor block 180D	3		501.0168
Adaptor block 90D	4		501.2417
Connector female w/wire	N/S	23.62" (600mm) white	501.0183

The adaptor block fits into the rear of the adaptor flange and accepts the plug-in connections at the rear end of the gun for the gas hose fitting, the trigger wire leads and the wire inlet guide.

Adaptor Plugs

Each adaptor plug is individually designed for a specific wire feeder or group of feeders. The Adaptor Plug threads into the rear of the adaptor block.

We supply ready made adaptors on request! Please specify the make and type of wire feeding device and/or compact machine in your order.

Description	Part No.
Power cable clamp	501.0280

Central Adaptor and Central Connector System

Wire Guide Tubes

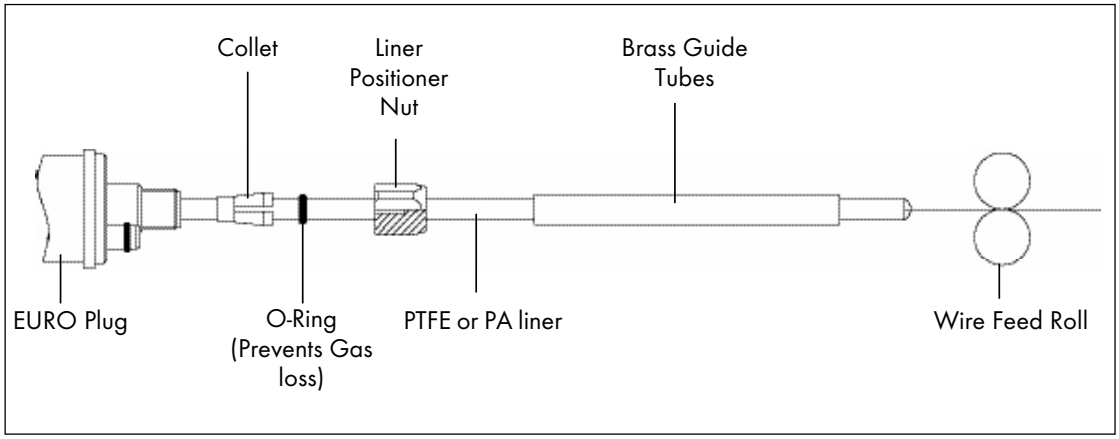
Description	Details	Part No.
Wire guide tubes	.024" - .035"	129.XXXX (See pages 6-7)
	.045" - .062"	129.XXXX (See pages 6-7)
	.078" - .094"	129.XXXX (See pages 6-7)

The guide tube is a steel or brass tube that slides inside the Adaptor Plug, with chamfered ends that mate with the liner collets and feed rolls. Guide tubes are available in a variety of lengths, wire sizes and for specific Central Adaptor Kits. Note that the guide tube used for small outside diameter 4mm or 0.157" PTFE or blended polyimide liners is a 4.4mm or 0.173" inside diameter brass tube that fits inside the Adaptor Plug and slides over the liner. It acts to reinforce the liner when cut close to the feed rolls. PTFE or PA liners with an outside diameter of 4.7mm or 0.188" do not need a guide tube.

Component guide for PTFE/PA and special wires

Description	Details	Part No.
Collet	ø 0.157" (4mm)	131.0001
	ø 0.188" (4.7mm)	131.0002

The guide tubes must be fitted as shown in the assembly instructions on the following page.



Central Adaptor with Spring Contacts
Flexible Contact

Quick Connect

Description	Part No.
6mm OD hose barb	501.0204
8mm OD hose barb	501.0190
10mm OD hose barb	501.0195
M12 x 1 female nut	501.0176
M12 x 1.5 female nut	501.0194
M14 x 1 female nut	501.0197
1/8" straight pipe male thread	177.0003
1/8" straight pipe female thread	177.0002
1/4" straight pipe female nut	501.0158
3/8" straight pipe female nut	501.0189
3/8" straight pip female nut and power lug	501.0163
1/2" straight pipe female nut	501.0191
5/8" UNF LH male nut	501.0188
7/8" UNF female nut	501.0196

The system works no matter what!

Whether the contact guides have become slightly damaged due to rough operating conditions or have even been deformed by improper handling – this central adaptor will ensure safe contact even with female connectors from other manufacturers.

Because when the adaptor and female connector are joined together, the contact pins on the adaptor are no longer inserted into the female connector. Instead, hemispherical contact is made with the insertion openings, whereby spring force ensures additional contact pressure.

The new original.
The new central adaptor with flexible spring contacts.

Even in the case of misuse or the wrong female connectors nothing becomes bent because the contact pins retract flexibly for longer service life and better contact.

Central Adaptor with Spring Contacts

Type	Details	Part No.
Central adaptor KZ-2	for MB / MB GRIP & RAB Plus, air-cooled	501.0003
Central adaptor WZ-2	for MB / MB GRIP, Push-Pull & RAB Plus, liquid-cooled	501.0015
Connector male with wire	100 mm (white)	501.2378
Connector male with wire	100 mm (brown)	501.2377

The central adaptor that always produces a good connection thanks to its flexible spring contacts.

Central Adaptor and Central Connector System

Wire Feeder Make	Wire Feeder Model	Adaptor Kit Air w/plug	Adaptor Kit Water w/plug	Adaptor Plug	Guide Tube .024"-.035"	Guide Tube .045"-.062"	Guide Tube .078"-.094"	Guide PTFE PA/Liner
Auto Arc (OXO)	Auto Arc 4770, Auto, Arc 4880, Murex 100-300	601.9705	701.9705	501.0802	129.0116	129.0244	129.0370	129.0507
Bancroft	700	601.9698	701.9698	501.0802	129.0128	129.0261	129.0496	129.9606
Century		601.9044	–	501.9065	129.0119	129.0250	129.9007	129.0434
Cloos	CK12	–	701.9081	501.9156	129.0151	129.0296	129.0392	129.0457
	68, 78, 88, 98	501.2204	–	–	–	–	–	–
Compack-O-Matic		601.9647	–	501.9647	129.0100	129.0219	–	129.9612
Cyclomatic	PDI, I/E	–	–	501.9003	129.0113	120.0239	129.9505	129.0429
	Power Drive 2	601.9003	701.9007	501.1955	129.0092	129.0205	129.9063	129.9064
ESAB/AirCo	MAD 44, MAD 44R, MED 20, MED 40, A10, Smash Weld 180, MIG 44	601.9243	701.9243	501.1061	129.0113	129.0268	129.0380	129.9068
ESAB	NAS	601.9096	–	501.1955	129.0092	129.0205	129.9063	129.9064
Eutecitc	Teco Drive	601.9058	–	501.9705	129.0116	129.0244	129.0370	129.0507
Hobart	2000 Series 27, 27A w/Hobart adaptor, Beta MIG 17, 19, CCCY, PO-2, Porta 17, Ultra1000, 2410 (See note 3)	601.9003	701.9007	501.1955	129.0092	129.0205	129.9063	129.9064
	Beta MIG 250	601.9080	–	501.1955	129.0092	129.2050	129.9063	129.9064
	Beta MIG 2510	601.9073	–	–	129.9089	129.9090	129.9091	129.0444
	2000 Series (See note 6) 3/4" OD	601.9054	701.9054	501.9082	129.1030	129.9424	129.9524	129.9065
	27, 27A, 70L	601.9698	701.9698	501.0802	129.0128	129.0261	129.0496	129.9606
	Ball & socket 2.5" (direct mount)	–	–	501.9601	129.0109	129.0230	129.9525	–
	Beta MIG 17, 19, RCI-200 (See note 2)	601.9002	701.9006	501.9004	129.0098	129.9438	–	129.9638
	Handler, Beta 170	601.9053	–	501.9079	129.0123	129.0255	129.0493	129.0507
	Hobart Iron Man	601.1828	–	501.9304	129.0116	129.0244	129.0370	129.0507
Lincoln	Automatic NA2-NA5	601.9234	701.9234	501.9234	129.0123	129.0255	129.0493	129.0437
	LN 22, 23P, 25, 10R	601.9046	701.9046	501.9067	120.9023	129.0200	129.9024	129.9025
	LN4, LN5, LN6, LN7, MN1, LN35	601.9932	701.9932	501.0496	129.0114	129.0240	129.0505	129.0430
	LN7 GMA, LN7-42	601.9045	701.9045	501.9071	129.0098	129.9438	–	129.9638
	LN8, LN9, LN9 GMA	601.9047	701.9047	501.1869	129.0100	129.0219	–	129.9612
	NA5R, SP200, SP150, SYNERGIC 7	601.9900	701.9900	501.9900	129.9318	129.9418	129.9518	129.9618
	SP100, SP125, SP170, W'M'TIC 255S, SP155, SP130, SP175, WeldPak 100, Weld Pak 155	601.9003	–	501.1955	129.0092	129.0205	129.9063	129.9064
	PowerFeed 10, DH10, LF-72, LF-74	601.9085	701.9085	501.1955	129.0092	129.0205	129.9063	129.9064
	Power MIG 200, 255, 256, 300, Wirematic 250	601.9091	701.9091	–	129.0106	129.0226	129.9099	129.0424
	4R90	601.9102.US	701.9102.US	501.9056.US	129.9023	129.0200	129.9024	129.9025
Linde	Digi-MIG, EH5/10, MIG 35, SEH5, SWM11/11B/33, 35, WF9, V160 EH8, Linde 255, SWM31, SWM31A, V16, MIG34 (see note 4)	601.9686	701.9686	501.0796	129.0119	129.0250	129.9007	129.0435
	MM206, SWM11A, SWM2, SWM22	601.9640	701.9640	501.9640	129.9322	129.0322	129.9522	129.9622
L-Tec	L-Tec 225 (see note 4)	601.9056	701.9056	501.9090	129.0168	129.0321	129.9062	129.9070
	MIG 231 (air-cooled only)	601.9006	–	501.9060	129.9042	129.9076	129.9043	129.9613
	MIG 35A (air-cooled only)	601.9005	–	501.0796	–	–	–	129.0435
	WF9, MIG 35	601.9686	701.9686	501.0796	129.0119	129.0250	129.9007	129.0435
Miller	35, 35S (see note 5 for both)	601.9200	–	501.9200	129.0110	129.0231	129.0368	129.0427
	70A, 80A	601.9879	–	501.0942	129.0127	129.0260	129.9521	129.9066
	MillerMatic MP250, 210, 250, 251, 300	601.9073	–	–	129.9089	129.9090	129.9091	129.0444
Miller (New style, round flange, w/ int. gas)	AA-40GB, 60 Series, 70 Series, 8VS, 12VS, 8RC, 12RC, 22A, MM210, MM251, MM300, MM350, MM Pulsar, MM135, MM175, R115	601.9094	701.9094	–	129.0116	129.0244	129.0370	129.0507
Miller (w/ext. gas)	200, 50 Series, 5-52A, AID-4, Automatic 1, D512M, D516M, D52A, D52M, MM-35 (1980 on), AMD AO M, S32P, S22P12, MillerMatic 130, Port-A-MIG (1980 on), S512M, S516M, S52M, S54M, Swing Arc-Dual, Swing Arc-Single, System 9, S-426L, S-54A (see note 2 for all)	601.9705	701.9705	501.9705	129.0116	129.0244	129.0370	129.0507
	S-22A (Old style) (see note 2) S-32S, S32SL	601.9068	–	501.9705	129.0116	129.0244	129.0370	129.0507

Wire Feeder Make	Wire Feeder Model	Adaptor Kit Air w/plug	Adaptor Kit Water w/plug	Adaptor Plug	Guide Tube .024"-.035"	Guide Tube .045"-.062"	Guide Tube .078"-.094"	Guide PTFE PA/Liner
Snap-On	YA205	601.9044	501.9065	129.0119	129.0250	129.0250	129.9007	129.0434
Miller (w/int. gas)	200, 50 Series, 5052A, AID-4, Automatic 1, D512M, D516M, D52A, D52M, MM-35 (1980 on), S22P12, S32P12, MillerMatic 130, 714D, Port-A-MIG (1980 on), S512M, S516M, S52M, S54M, SwingArc-Dual, SwingArc-Single, System 9, S-426L	601.1828	701.1828	501.9304	129.0116	129.0244	129.0370	129.0507
	S-54A, S24A, S21E, S-325	601.9062	701.9062	501.9304	129.0116	129.0244	129.0370	129.0507
Miller (Old style)	10A, 10E, 30A/B/E, MM30, MM35	601.9685	701.9685	501.0895	129.0114	129.0240	129.0505	129.0430
National	U321	601.9048	701.9048	501.0408	129.0100	129.0219	129.9040	129.9612
OTC	147, 231	601.9035	701.9035	501.9035	129.9327	129.0265	129.9527	129.0442
	CM-741	601.9099	701.9099	–	129.0123	129.0255	129.0493	129.0437
	147, 231 (Robotic)	601.9089	701.9089	–	129.0106	129.0226	129.9099	129.0424
	CMRE-741, AF4001	601.9100	701.9100	–	129.0109	129.0230	129.9525	129.9613
Panasonic	Original	601.9079	701.9079	501.0408	129.0100	129.0219	129.9040	129.9612
	Gunslinger	601.9088	–	–	129.0106	129.0265	129.9525	129.0427
POWCON	Power Drive 1, 1/E	601.9001	–	501.9003	129.0113	129.239	129.9505	129.0429
	Power Drive 2	601.9003	701.9007	501.1955	129.0092	129.0205	–	129.9064
PowerMate	160, 255, 90	601.9044	–	501.9065	129.0119	129.0250	129.9007	129.0434
Thermal Arc	Fabricator 210, 250	601.9090	701.9090	–	129.9313	129.0499	129.9513	129.0427
Westinghouse	SA, SA305, SA6W	601.9879	–	501.0942	129.0127	129.0260	129.9521	129.9066
	SA550	601.9685	701.9685	501.0795	129.0114	129.0240	129.0505	129.0430

Note 1: To use this kit the internal wire guide must be removed.

Note 2: This kit requires the gas line to be removed from the connection on the wire feeder.

Note 3: This kit uses the gas line connected to the wire feeder (no modification).

Note 4: There are two models, an older model from Linde (short plug) and a newer model from L-Tec (long plug 6").

Note 5: A gas solenoid may be needed.

Note 6: This is for machines that have been modified for Tweco 500 amp and 600 amp guns 0.75" diameter plugs.

Adaptor Tube Length	Guide Tube .024"-.035"	Guide Tube .045"-.062"	Guide Tube .078"-.094"	Guide PTFE PA/Liner
66mm	–	–	–	129.9025
68mm	129.9023	129.0200	129.9024	–
71mm	129.9095	129.0202	129.9096	129.9097
73mm	–	–	–	129.9064
75mm	129.0092	129.0205	129.9063	129.9618
77mm	129.9318	129.9418	129.9518	–
88mm	–	–	–	129.9638
89mm	–	–	–	129.9612
90mm	129.0098	129.9438	–	–
92mm	129.0100	129.0219	129.9040	–
93mm	–	–	–	129.9065
95mm	129.0103	129.9424	129.9524	–
96mm	129.9037	129.0224	–	129.0424
98mm	129.9037	129.0224	–	–
100mm	129.0106	129.0226	129.9099	–
202mm	–	–	–	129.0427
103mm	129.9313	129.0499	129.9513	129.9613
104mm	129.0109	129.0230	129.9525	–
105mm	129.0110	129.0231	129.0368	–
106mm	129.9042	129.9043	129.9076	–
108mm	–	–	–	129.0429
110mm	–	–	–	129.0430
111mm	129.0113	129.0239	129.9505	–
112mm	129.0114	129.0240	129.0505	129.0507
114mm	–	–	–	–
115mm	129.0116	129.0244	129.0370	–
118mm	–	–	–	129.0434

Adaptor Tube Length	Guide Tube .024"-.035"	Guide Tube .045"-.062"	Guide Tube .078"-.094"	Guide PTFE PA/Liner
120mm	–	–	–	129.0435
122mm	129.0119	129.0250	–	–
124mm	–	–	–	129.0437
126mm	129.0123	129.0255	129.0493	–
130mm	–	–	–	129.9030
132mm	–	–	–	129.9066
133mm	–	–	–	129.9606
134mm	129.0127	129.0260	129.0493	–
135mm	129.0128	129.0261	–	–
139mm	–	–	–	129.0442
140mm	129.0130	–	–	–
141mm	129.0327	129.0265	129.0493	129.0444
143mm	129.9089	129.9090	–	129.9068
145mm	129.0133	129.0268	–	–
147mm	129.9319	–	–	–
161mm	–	–	–	129.9601
163mm	129.0142	129.0284	129.0389	–
171mm	–	–	–	129.0457
174mm	129.0151	129.0295	129.0392	–
175mm	–	129.0296	–	–
187mm	–	–	129.9515	–
208mm	–	–	–	129.9070
209mm	–	–	–	129.9622
210mm	129.0168	129.0321	129.9062	–
211mm	129.9322	129.0322	129.9522	–
285mm	–	129.0354	–	–

Central Adaptor and Central Connector System
Liner Installation Instructions

Installing Wire Conduit Liners

The fitting of wire feed liners requires care and attend; the correct choice of liner is essential to ensure problem free wire feeding through the torch cable assembly. The correct quality and combination for wire size, wire an torch type (gas or liquid-cooled) must be selected and properly installed.

There are three types of wire feed liners.

- **Insulated (plastic coated) steel liners:** Used for steel or hard wire in air-cooled torches fitted with coaxial cable assemblies.
- **Plain steel liners:** Used for steel and other hard wire in liquid-cooled and air-cooled torches with the gas hose connected directly to the torch body.
- **PTFE liners:** Carbon PTFE or other plastic materials used for aluminum, stainless steel, copper, bronze and other "soft" wires.

The correct liner for your application is recommended in the brochure/parts list enclosed with each Abicor Binzel torch. In general:

- If running mild steel through a liquid-cooled torch, use a bare steel liner.
- If running mild steel through an air-cooled torch, use an insulated steel liner.
- If running aluminum or other soft wires, use a PTFE liner. Remember, to get maximum performance from your Abicor Binzel torch, change the liner regularly.

Note: To get maximum performance from your Abicor Binzel® torch, change the liner regularly.

Installation Instructions: Plain or Insulated Steel Liners

1. Lay the torch our straight.
2. Check that the liner has no kinks in it.
3. Remove the liner retaining nut.
4. Remove the gas nozzle, contact tip and tip-holder if applicable.
5. Gently feed the liner through the cable assembly from the machine end of the torch, taking special care not to kink it in the process.
6. Once the end of the liner reaches the swanneck, it may be necessary to twist through.
7. With the liner now fully home, replace the liner retaining nut.
8. At the front end of the torch, there will now be liner protruding from the swanneck. Gently stretch the liner a further 4mm (3/16") and cut the tip of the liner with sharp cutters. Ensure there are no burns or obstructions to the inner diameter of the liner.
9. The liner will now spring back into the swanneck by 4mm (3/16"). Refit the tip-holder, contact tip and gas nozzle.
10. The torch is now ready to be fitted to the wire feed unit.

Liner Installation Instructions

Fitting PTFE/Plastic Liners for Aluminum and Other Soft Wires

1 Lay the torch out straight and remove the liner retaining nut from the adaptor plug at the wire feed end of the torch cable. Remove the gas nozzle, tip holder, gas diffuser and contact tip from the torch and take out the existing liner if fitted

2 Carefully push the plastic liner through the cable assembly until the end of the liner protrudes from the swanneck, then withdraw the liner back into the swanneck.
Note: Once the liner reaches the back of the swanneck, you may have to twist it through; BE CAREFUL NOT TO KINK THE LINER.

3 Replace the contact tip holder, gas diffuser, contact tip and gas nozzle. Gently push the liner to seat it into the contact tip back.

4 Please refer to diagram on page 3 at the adaptor block end of the torch cable, slide the brass collet and o-ring over the liner until they are located in the recess in the adaptor block, replace the liner retaining nut. **DO NOT CUT THE LINER YET!**

5 If the wire feed was previously set up for steel wire, it may be necessary to take a pair of long-nosed pliers and remove the steel inlet guide from the central adaptor installed in the front face of the wire feed unit.

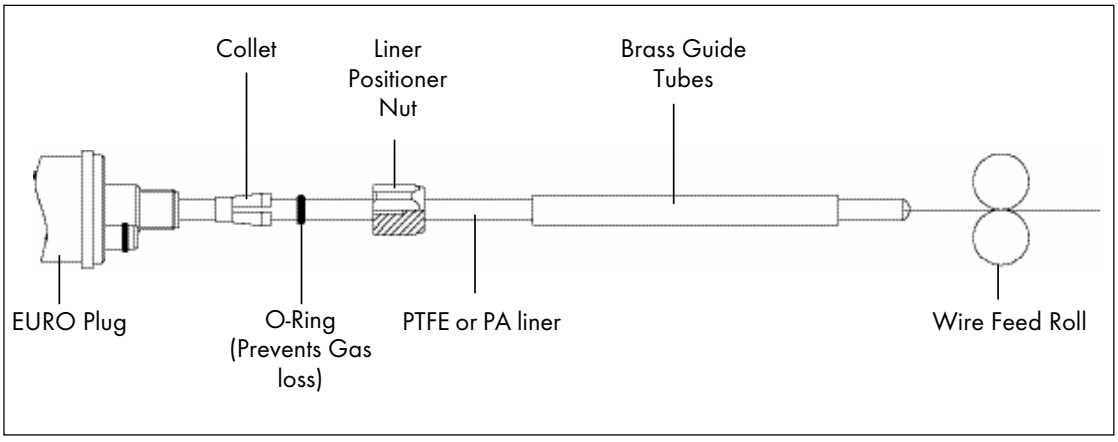
6 With the plastic still protruding from the adaptor plug, feed the liner through the inlet of the central adaptor unit until the adaptor plug on the torch is butted against the central adaptor. Fasten into position with the liner retaining nut. Lift the feed rollers of the wire feeder to enable the excess liner to pass through. Cut the liner, using a sharp knife, so that it butts up to the feed rollers, thereby supplying support to the soft wire immediately after it exits the drive rolls. If this is don correctly, "bird-nesting" in the event of a wire jam, will be prevented.

7 Remove the welding gun from the machine and ensure that the brass guide tube is 3mm shorter then the protruding plastic liner (if not, cut accordingly). Slide the guide tube over the liner and feed the liner, with the guide tube fitted, into the central adaptor. Continue to feed through until the adaptor plug is butted against the central adaptor, then tighten the liner retaining nut.
NOTE: Plastic liners with a diameter of 4.7mm do not require a guide tube. (See diagram below for correct locations of parts).

8 Reduce the wire hub tension by backing off the nut in the center of the hub until friction is only enough to stop the wire spool from spinning freely.

9 After confirming the wire feed roll is the correct size and type for the aluminum wire being used, and that the wire is fed into the liner correctly, back off the wire feed roll pressure until the feed roll no longer feed the wire and retighten slightly. Too much pressure will deform the soft aluminum and cause the wire to jam in the correct tip. To help prevent wire deformation, a "U" groove roller is better than a "V" groove feed roller for very soft wires like aluminum.

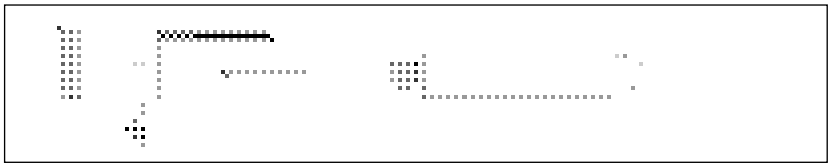
10 Aluminum welding requires a contact tip with greater clearance than that used for steel. Special increased clearance contact tips are available for aluminum and are identified by an "A" suffix. Example: 0.9A, 1.2A



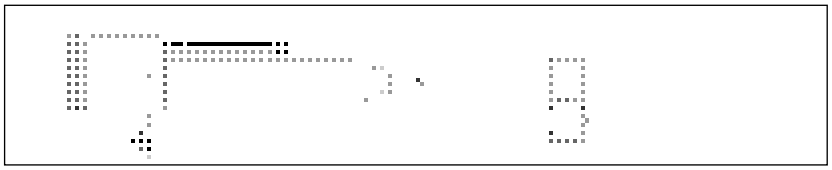
Central Adaptor Installation Instruction

WARNING! Disconnect the welding machine from the power source to prevent shorts and/or electrical shock.

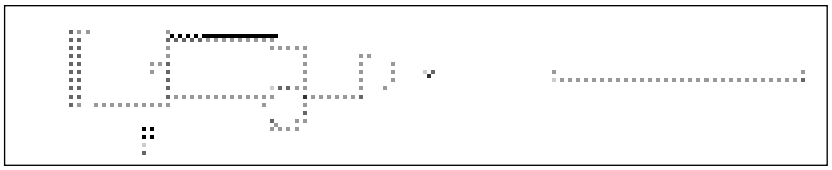
Note: These are generalized installation guidelines. Installation may vary slightly due to various feeder designs.



1 To assemble the adaptor kit, first screw in the adaptor plug. Then tighten the set-screw located in the adaptor block in order to secure the plug. (Skip this step if using a one-piece internal gas plug.)

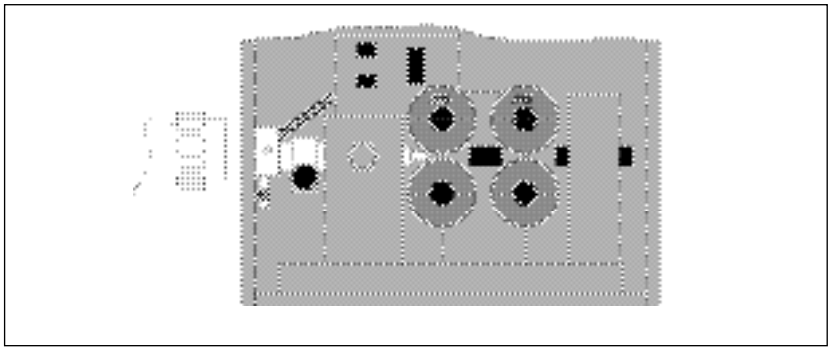


2 If required for your particular feeder, slip the power lug over the adaptor plug. Do no tighten, as you will need to locate the correct position once installed on the feeder.



3 If using an external gas block, slide the supplied gas hose over the copper gas nipple, and crimp the clamp securely to seal out atmosphere.

4 Make sure the correct liner is installed in the gun (see "Liner installation instruction") and thread the gun onto the adaptor assembly. Insert the appropriate size guide tube into the adaptor plug. *Note: PTFE liners 4.3mm or smaller in diameter require the supplied brass guide tube to be fitted over the liner for support. PTFE liners 4.4mm or larger in outside diameter do not require any guide tubes as they can support themselves. PTFE liners must be trimmed so that they butt up against the drive rolls.*



5 Use the gun to help insert the adaptor assembly through the opening located on the feeder's outer switchboard panel-face (if the wire drive unit is equipped). When the adaptor plug (with guide tube) is installed with just enough space to prevent the drive rolls from rubbing on the guide tube, tighten down the feeder block's set-screw.

6 Disconnect the welding gun from the adaptor plug and slide the supplied plastic insulating flange over the adaptor and up to the outer panel-face of the feeder. Position the flange so that the opening for the gas hose is located in line with the gas nipple of the adaptor block *(Normally down)*.

7 Mark the location of the three mounting holes, and then remove the flange so that mounting holes can be drilled in the feeders panel-face. Drill 1/16" holes at the marked locations, and bolt the flange to the panel. Tighten the set screw in the Adaptor flange in order to secure the complete assembly. CAUTION! When drilling holes, be aware of parts behind the panel, which could be damaged! Do not allow metal fillings to fall in the machine.

8 Inside the wire drive unit; attach the adaptor kit trigger wires to the proper trigger connections in the feeder! *(Note: Some kits are pre-wired with the proper wire connector)*.

9 If installing an Adaptor with external gas line, connect the gas hose to the wire feed units gas solenoid valve. *(Note: Some kits already have gas fittings connected to the hose for ease of installation)*.

10 If the power lug was required in step 2, it is now time to connect the power lead from the feeder to the Binzel Power lug. Once connected and in position, tighten the lug onto the Adaptor plug.

11 Check to ensure that the proper liner, contact tip, and or drive rolls are installed for the wire size you are using. Now attach the welding gun to the adaptor kit. If using a water-cooled gun be sure to hook up the water lines to a suitable cooling device.

Central Adaptor Ordering System

Dimensions required for a customized central adaptor kit.

Shown is a cross section of a typical wire feeder adaptor kit in place.
Please list dimensions A through H below (in mm).

A = _____ **mm**

B = _____ **mm**

C = _____ **mm**

D = _____ **mm**

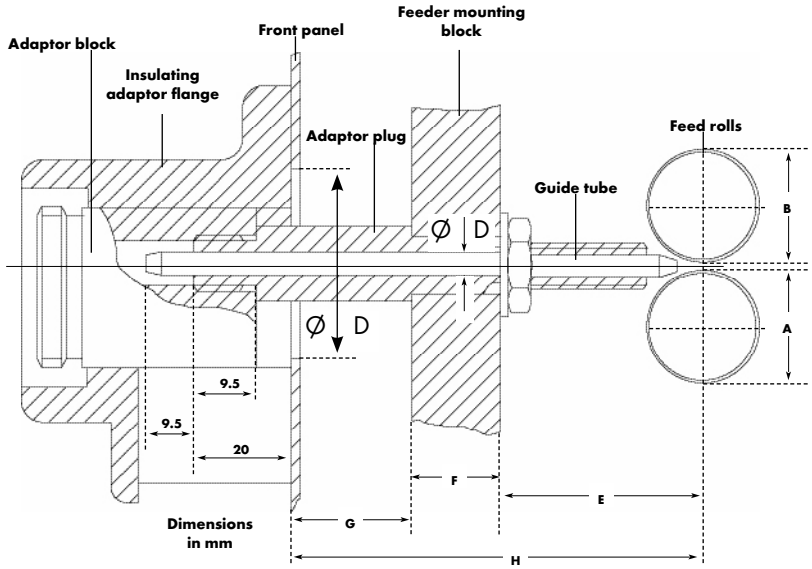
E = _____ **mm**

F = _____ **mm**

G = _____ **mm**

H = _____ **mm**

NOTE: All of these dimensions are needed.



Power source: Manufacturer: _____

Model/Type: _____ Serial number: _____ Year: _____

Wire feed unit: Manufacturer: _____

Model/Type: _____ Serial number: _____ Year: _____

Electrical plug needed for trigger line? _____

Power lug needed on adaptor assembly? _____

Length of gas hose from solenoid to adaptor block in inches: _____

Additional relevant details: _____

_____

Company: _____ Contact: _____

Phone: _____ Fax: _____

Purchase order number: _____

PLEASE COPY AND FAX THIS PAGE COMPLETED TO ABICOR BINZEL, CUSTOMER SERVICE DEPARTMENT 301.698.1287

Safety Guidelines
WARNING!
Please read all safety instructions.

WARNING

• Read and follow the manufacturer's instructions, employer's safety practices and Material Safety Data Sheets (MSDSs).

• Only qualified personnel should install, use or service this material and/or equipment.

ELECTRIC SHOCK can kill.
- Always wear dry insulating gloves.
- Do not touch live electrical parts.
- Always disconnect power source before hooking up or changing electrodes, nozzles and other parts.

WELDING SPARKS can cause fire or explosion.
- Do not weld near flammable material.
- Do not weld on closed containers.
- Remove combustibles from the work area and/or provide a fire watch.
- Avoid oily or greasy clothing as a spark may ignite them.

FUMES AND GASES can be hazardous to your health.
- Keep your head out of the fumes.
- Use enough ventilation or exhaust at the arc to keep fumes and gases from your breathing zone, and the general area.
- Fumes from welding and cutting can deplete air quality, causing injury or death. Always wear an air supplied respirator in confined areas or if breathing air is not safe.

ARC RAYS can injure eyes and burn skin.
- Always wear correct eye, ear and body protection.
- Always wear a welding helmet with the proper grade filter lens. Protect yourself and others from spatter arc flash rays by using protective screens, barriers and welding curtains.
- Always wear protective gloves and clothing to cover exposed skin. This will aid in the prevention of arc and spatter burns.

LOUD NOISE can damage hearing.
- Always wear protective hearing devices to ensure protection when noise levels exceed OSHA standards.

Do Not Remove This Label.

ID 123-4567CI

Alexander Binzel Corporation
650 Medimmune Court, Suite 110, Frederick, MD 21703
Tel:(301)846-4196 Fax:(301)846-4497 www.abicorusa.com

Read American National Standard Z49.1, "Safety in Welding, Cutting and Allied Processes" available from the American Welding Society, 8669 NW 36th St #130, Doral, FL 33166; OSHA Safety and Health Standards, available from U.S. Government Printing Office, Washington, DC 20402

ABICOR BINZEL

Binzel S.A. DE C.V.
Municipio Pabellon de Arteaga 102
Valle De Aguascalientes, 20358
San Francisco de los Romo, Ags.
Phone: +52 (499) 973.0133
Fax: +52 (499) 973.1388
Email: info@binzel.com.mx

Alexander Binzel Corporation
650 Medimmune Court, Suite 110
Frederick, MD 21703
Phone: 1.800.542.4867
Fax: 1.301.846.4497
Email: customerservice@abicorusa.com

www.binzel-abicor.com

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