



# Adapter & Coupling Assortments

## ADAPTERS

Adapters are a necessary addition to any hydraulics repair system. Virtually all hydraulic equipment uses adapters of one sort or another. Winzer stocks a complete line of adapters and assortments to fit your needs.

## NEW ADAPTER ASSORTMENTS

**Winzer has seven new adapter assortments available:**

- Male JIC to Male Pipe – **971.6804**
- Flat Face O-Ring Caps and Plugs – **971.6807**
- JIC to Male Pipe – **971.6801**
- JIC Hex Unions – **971.6803**
- Male JIC to Male Pipe Elbows – **971.6802**
- Male JIC to Female Pipe – **971.6805**
- Male JIC to Male Boss – **971.6806**



## COUPLERS

When providing a new hydraulic setup for your customer, you have two ways that you can give him what he needs. For the user that utilizes a wide range of coupling styles and sizes, we have assortments that provide a complete and comprehensive array of items. For the smaller, more 'typical' customer, we provide Mix and Match assortments that have the most common sizes of a given style, ie: Female JIC Swivels. You can arrange various combinations in a bin (sold separately) to suit your customers specific needs.

## NEW CRIMP COUPLING ASSORTMENTS

**Weatherhead Complete Assortments:**

- 'U' Series Couplings without Hose — **972.8971**
- 'U' Series Couplings with Hose — **972.8972**
- 430 U Series Couplings without Hose — **972.8975**

**Weatherhead Custom Assortments:**

- 'U' Series Male Pipe Couplings — **973.897100**
- 'U' Series Male Pipe Swivel Couplings — **973.897101**
- 'U' Series Male JIC Couplings — **973.897103**
- 'U' Series Female JIC Swivel Couplings — **973.897108**
- 'U' Series Flat-Face Swivel Couplings — **973.897109**
- 'U' Series 45° Female JIC Swivel Couplings — **973.897110**
- 'U' Series 90° Female JIC Swivel Couplings — **973.897114**



**Gates Complete Assortments:**

- Mega Crimp — **973.8991**
- Mega Crimp with Hose — **973.8992**
- Global Spiral — **973.8995**

**Gates Mix and Match Assortments:**

- Male Pipe — **973.899100**
- Male Pipe Swivels — **973.899103**
- Male JIC — **973.899108**
- Female JIC Swivels — **973.899109**
- Flat Face O-Ring Swivels — **973.899110**
- 90° Female JIC Swivels — **973.899114**



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# Accessories & Hose Protection



## TUBE & PIPE FITTINGS MEASURING KIT

**Gates Brand — 980.2279**

**Weatherhead Brand — 980.2277**

- Thread gauge (U.S. and Metric)
- Inside/Outside Caliper (Inches and Millimeters)
- Two seat angle gauges: 37°/45° and 12°/30°



## HYDRAULIC COUPLING TEMPLATES — 980.2285

- These templates provide a fast and easy way to measure International and North American Thread and flange ends, seat angles (37° and 45°) and hose I.D.

## CUSTOM CRIMP CHARTS

Weatherhead Crimpers	Part No.
T480	979.8992
T400/460	979.8993
T420	979.8994



Gates Crimpers	Part No.
Mobile Dial	979.8995
Positive Stop	979.8996
Pc 707	979.8997

## METRIC & BSP FEMALE THREAD IDENTIFICATION KIT — 980.2283

- Sturdy, attractive carrying case
- Contains male metric & BSP lugs for identifying thread size
- For female thread identification, simply couple with the mating male



## STAINLESS STEEL DIAL CALIPER — 980.2284

- Big 6" measuring capacity and reads to 0.001"
- Easy to read and shockproof
- Capable of four-way measurement. Inside, outside, depth and step
- Comes in an impact resistant, hard plastic case for protection.



## NYLON PROTECTIVE SLEEVES — 25' ROLLS

- Provides excellent abrasion resistance to protect individual hoses, and can be used to bundle several hose assemblies together
- Thousands of tiny nylon filaments woven into texturized yarn to form a shield that is extremely resistant to severe abrasion
- MSHA flame-resistant approved

A Inside Flat	B Sleeve I.D.	Size	Part No.
1.67	15/16	#16	298.001.16
1.92	1-7/32	#26	298.001.20
2.24	1-33/64	#24	298.001.24



## HOSE PROTECTORS

- Extremely high wear factor
- Formulated to resist solvents, oils, grease, gasoline etc.
- Operating temperature: -40°F to +430°F
- Easy installation — No need to remove hose

Length	Black Part No.	Orange Part No.
4"	298.01.4	298.01.41
6"	298.01.6	298.01.61
8"	298.01.8	298.01.81



## HOSE BEND RESTRICTORS

- Tapered PVC sleeves reduce bending stress near the coupling to prevent damage
- Installed during hose assembly, this finished product withstands temperatures from -40°F to +200°F
- No adhesives or clamps required to hold restrictor in place

I.D.	Length	Part No.
.53	5.3	897.08.14
.63	5.5	897.08.38
.77	7.0	897.08.12





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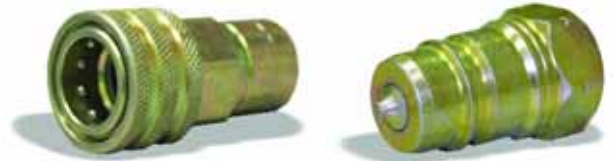
Hydraulic Quick Disconnects, are coupling devices that allow users to an easy and timely connection/disconnection of hydraulic fluid lines. When installed in a hydraulic system, Quick Disconnects save time by eliminating the need to bleed, recharge, and purge the system of air whenever an accessory is being replaced or added.

## Winzer stocks 5 basic types of Hydraulic Quick Disconnects:

### Pioneer 4000 Series (AG Series)

As the name indicates, this style quick disconnect is used primarily for agricultural purposes. The plug may have either a poppet or ball style valve.

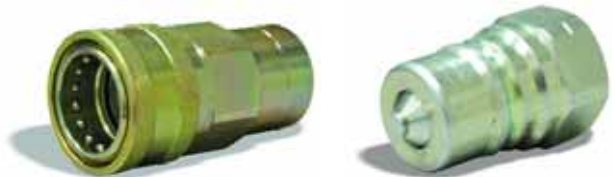
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### ISO 'A' Type

Poppet style couplings, used predominately in the mobile equipment industry. Available in steel only.

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### ISO 'B' Type

Poppet style couplings, used predominately in plant (facility) hydraulic systems. The ISO 'B' Type plugs can easily be identified by the longer nose, as compared to the 'A' Type plugs. Available in steel and brass.

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### Connect Under Pressure

Connect under pressure couplers are the only style of coupler that can be connected or disconnected under pressure (500 psi max). This style coupler is easily identified by the "Wings" on the coupler.

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### Flat Face Style (New to Winzer)

As indicated by the name, these couplings and plugs are flat-faced. By design, they produce minimal spilling on connection and disconnection.

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# Hydraulic Quick Coupling Interchange

WINZER NUMBER	PIONEER 4000 'AG' STYLE	TOMCO	SAFEWAY	PARKER	FASTER	PCI	DIXON
688.200.4	1/4" COUPLER	C2-16	S25A-2	4050-2	NV14-NPT-F	NS14-F	2AGF2-PV
688.250.4	1/4" PLUG	P2-16	S41-2	4010-2	NV14-NPT-M	NS14-M	AG2F2-PV
688.200.6	3/8" COUPLER	C3-21	S45-3	4050-3	NV38-NPT-F	NS38-F	3AGF3-PV
688.250.6	3/8" PLUG	P3-21	S41-3	4010-3	NV38-NPT-M	NS38-M	AG3F3-PV
688.200.8	1/2" COUPLER	C4-26	S25-4	4050-4	NV12-NPT-F	NS12-F	4AGF4-PV
688.250.8	1/2" PLUG	P4-26	S71-4	8010-4	NV12-NPT-M	2NS12-M	AG4F4-PV
688.200.12	3/4" COUPLER	C6-31	S25F-6	4150-5	NV34-NPT-F	NSP34-F	6AGF6-PV
688.250.12	3/4" PLUG	P6-31	S21F-6	4110-5	NV34-NPT-M	NSP34-M	AG6F6-PV
688.200.16	1" COUPLER	C8-36	S25-8P	4050-6P	NV1-NPT-F	NS1-F	8AGF8-PV
688.250.16	1" PLUG	P8-36	S21-8P	4010-6P	NV1-NPT-M	NS1-M	AG8F8-PV
WINZER NUMBER	ISO 'A' STYLE	TOMCO	SAFEWAY	PARKER	FASTER	AEROQUIP	DIXON
688.300.4	1/4" COUPLER	CA5602-16	S565-2	6601-4-4	ANV14 NPT F	5601-4-4S	2KF2
688.350.4	1/4" PLUG	PA5602-16	S561-2	6602-4-4	ANV14 NPT M	5602-4-4S	K2F2
688.300.6	3/8" COUPLER	CA5603-21	S565-3	6601-6-6	ANV38 NPT F	5601-6-6S	3KF3
688.350.6	3/8" PLUG	PA5603-21	S561-3	6602-6-6	ANV38 NPT M	5602-6-6S	K3F3
688.300.8	1/2" COUPLER	CA5604-26	S565-4	6601-8-10	ANV 12 NPT F	5601-8-10S	4KF4
688.350.8	1/2" PLUG	PA5604-26	S561-4	6602-8-10	ANV 12 NPT M	5602-8-10S	K4F4
688.300.812	3/4" COUP X 1/2"	CA5604-31	N/A	6601-12-10	N/A	5601-12-10	4KF6
688.350.812	3/4" PLUG X 1/2"	PA5604-31	N/A	6602-12-10	N/A	5602-12-10	K4F6
688.300.12	3/4" COUPLER	CA5606-31	S565-6	6601-12-12	ANV 34 NPT F	5601-12-12S	6KF6
688.350.12	3/4" PLUG	PA5606-31	S561-6	6602-12-12	ANV 34 NPT M	5602-12-12S	K6F6
688.300.16	1" COUPLER	CA5608-36	S565-8	6601-16-16	ANV 1 NPT F	5601-16-16S	8KF8
688.350.16	1" PLUG	PA5608-36	S561-8	6602-16-16	ANV 1 NPT M	5601-16-16S	K8F8
WINZER NUMBER	ISO 'B' STYLE	TOMCO	SAFEWAY	PARKER	FASTER	SNAPTITE	DIXON
688.400.4	1/4" COUP-BRASS	TH2-16-002	BS105-2	BH2-60	HNV 14 NPT F	B72C4-4F	2HF2-B
688.450.4	1/4" PLUG-BRASS	TK2-16-002	BS101-2	BH2-61	HNV 14 NPT M	B72N4-4F	H2F2-B
688.400.6	3/8" COUP-BRASS	TH3-21-002	BS105-3	BH3-60	HNV 38 NPT-F5	B72C4-6F	3HF3-B
688.450.6	3/8" PLUG-BRASS	TK3-21-002	BS101-3	BH3-61	HNV 38 NPT-M5	B72N4-6F	H3F3-B
688.400.8	1/2" COUP- STEEL	TH4-26	S105-4	H4-62	HNV 12 NPT-F	72C8-8F	4H-62
688.450.8	1/2" PLUG-STEEL	TK4-26	S101-4	H4-63	HNV 12 NPT-M	72N8-8F	H4-62
688.400.12	3/4" COUP-STEEL	TH6-31	S105-6	H6-62	HNV 34 NPT F	72C12-12F	6HF6
688.450.12	3/4" PLUG-STEEL	TK6-31	S101-6	H6-63	HNV 34 NPT M	72N12-12F	H6F6
688.400.16	1" COUP-BRASS	TH8-36	S105-8	H8-63	HNV 1 NPT F	72C16-16F	8HF8
688.450.16	1" PLUG-BRASS	TK8-36	S101-8	H8-63	HNV 1 NPT M	72N16-16F	H8F8
WINZER NUMBER	THREAD TO CONNECT STYLE (FLAT FACE STYLE)	TOMCO	AEROQUIP	PARKER	FASTER	SNAP-TITE	DIXON
688.470.12	3/4" COUPLER	51W-12	5100S5-12B	6125-12	FB12/34NPT-F5	B78C12-12F	6WF6-B
688.480.12	3/4" PLUG	51P-12	5100S2-12B	6105-12	FB12/34NPT-M5	B78N12-12F	W6F6-B
688.470.16	1" COUPLER	51W-16	5100S5-16B	6125-16	N/A	B78C16-16F	8WF8-B
688.480.16	1" PLUG	51P-16	5100S2-16B	6105-16	FB16/1NPT-M5	B78N16-16F	W8F8-B
WINZER NUMBER	ISO 16028 STYLE (CONNECT UNDER PRESSURE)	TOMCO	AEROQUIP	PARKER	FASTER	SNAP-TITE	DIXON
688.600.88	COUPLER 1/2X1/2	EC4-26	N/A	FEM-501-8FP-NL	2FFI-12-NPT-F	74C6-8F	4HTF4
688.600.1012	COUPLER 5/8X3/4	N/A	N/A	N/A	N/A	N/A	5HTF6
688.600.1212	COUPLER 3/4X3/4	EC6-31	FD89-1005-12-12	FEM752-12FPNL	2FFI58-34NPT-F	N/A	6HTF6
688.600.1616	COUPLER 1X1	EC8-36	FD89-1005-16-16	FEM-1001-16FP-NL	N/A	N/A	8HTF8
688.650.88	PLUG 1/2X1/2	EP4-26	N/A	FEM502-8P	FFI-12-NPT-M	N/A	HT4F4
688.650.1012	PLUG 5/8X3/4	N/A	N/A	N/A	N/A	N/A	HT5F6
688.650.1212	PLUG 3/4X3/4	EP6-31	FD89-1004-12-12	FEM-752-12FP	FFI-58 34NM	N/A	HT6F6
688.650.1616	PLUG 1X1	EP8-36	FD89-1004-16-16	FEM-1002-16FP	FFI-34-1NPT-M	N/A	HT8F8