

AccuLock™ R Series Consumables

Issued January 2021 • Index No. ALR/1.6

MIG (GMAW) Welding Consumables 

Quick Specs	Applications	Series Components	Compatible With	Wire Size
	Automotive Fabrication Manufacturing	Nozzles Gas Diffusers Contact Tips QUICK LOAD® Liners	TOUGH GUN® Robotic Air-Cooled Guns Tregaskiss® Robotic Water-Cooled Guns Tregaskiss® Fixed Automatic Guns	0.030" to 3/32" (0.8 to 2.4 mm)

In robotic MIG welding applications, MIG gun consumables require frequent replacement, contributing to both planned and unplanned downtime. If you need to increase throughput and efficiency with minimal risk and effort, **it's time to take a fresh look at your MIG gun consumables.**

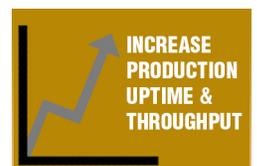
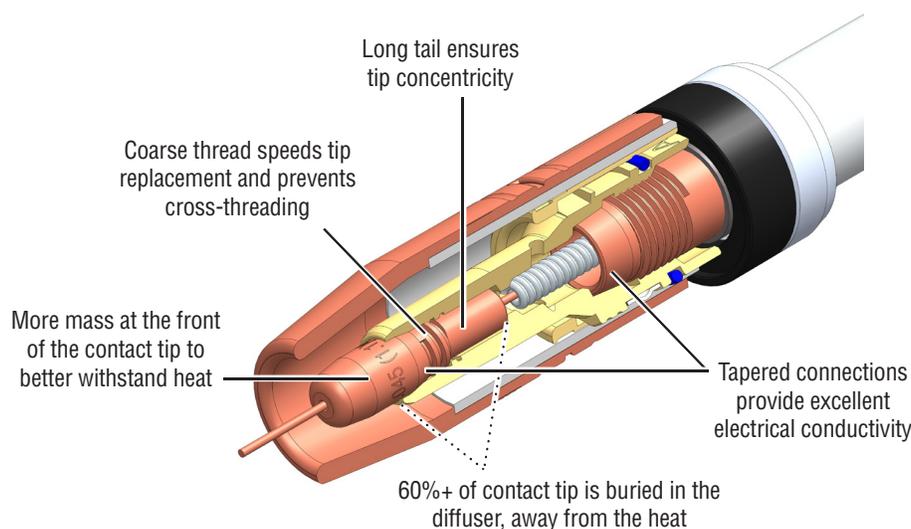
Load and Lock to Reduce Unplanned Downtime

Challenged by a shortage of experienced welding operators? The longer lifespan of AccuLock contact tips means fewer human interactions within your welding cells and fewer accidental errors as a result. Plus, with tip cross-threading issues virtually eliminated from your list of failure modes, you'll **spend less time troubleshooting and more time on proactive weld quality and productivity initiatives.**

Load and Lock to Reduce Planned Downtime

Achieve your annual cost reduction and throughput goals by decreasing planned downtime for consumables replacement. AccuLock R consumables offer an enhanced contact tip-to-diffuser design which **increases tip life** over comparable consumables, reducing your replacement frequency. Upgrading from a copper tip to **AccuLock HDP contact tips can increase life by an additional 10x or more** depending on your application. In most cases, your current tip and diffuser can be replaced with no impact to TCP, making this upgrade **low effort, low risk and high payoff.**

AccuLock™



AccuLock™ contact tips last longer and are quicker and easier to install



AccuLock™ contact tips can be used on robotic and semi-automatic MIG guns

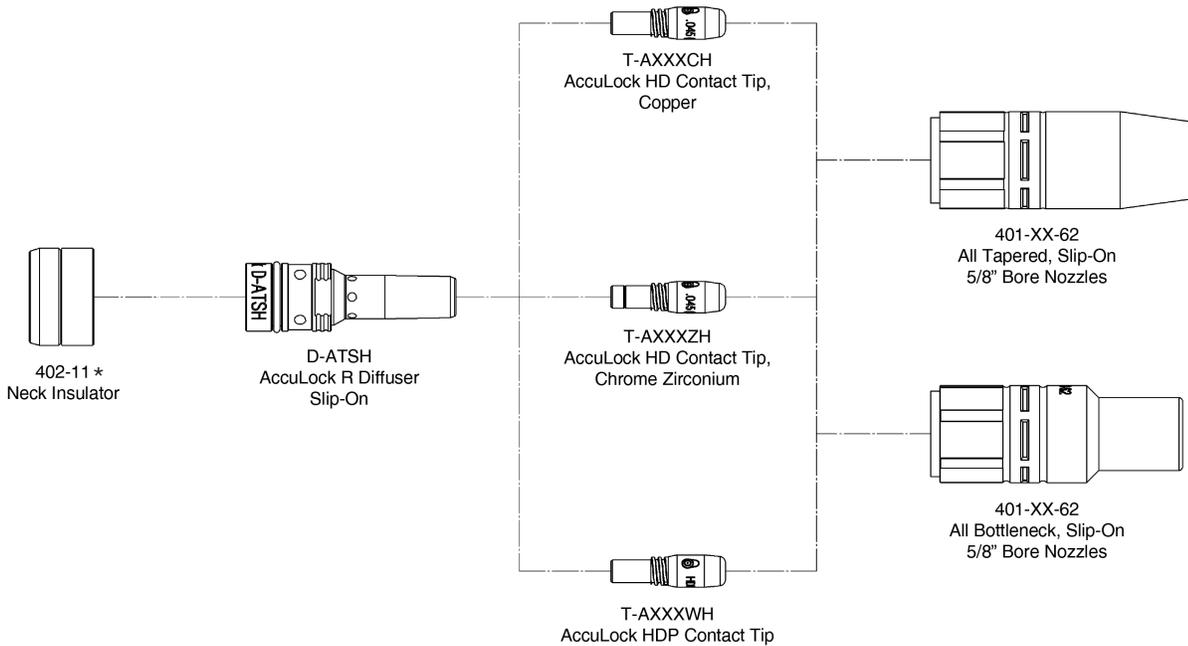


Tregaskiss
2570 North Talbot Road
Windsor, Ontario N0R 1L0
Canada

Phone: 1-855-MIGWELD (644-9353) (US & Canada)
+1-519-737-3000 (international)
Fax: 519-737-1530
For more information, visit us at Tregaskiss.com

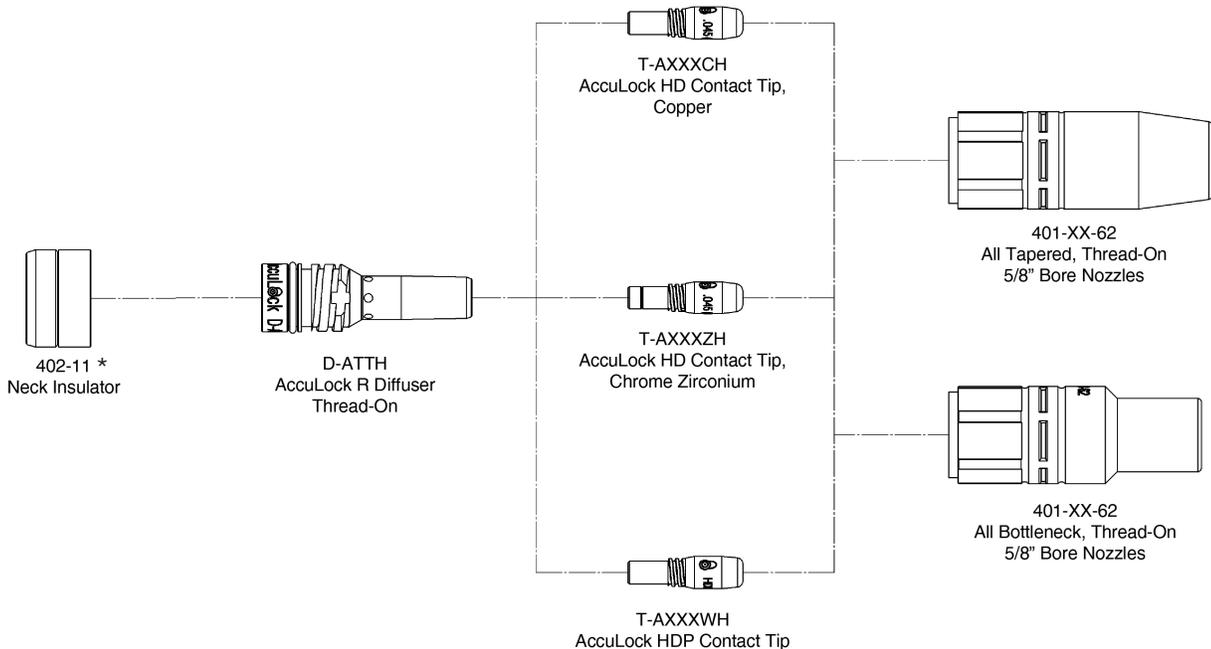
AccuLock™ R Consumables System

AccuLock R Consumables (Slip-On)



**For all Tregaskiss® robotic and automatic air-cooled MIG guns*

AccuLock R Consumables (Thread-On)



**For all Tregaskiss® robotic and automatic air-cooled MIG guns*

AccuLock™ R Gas Diffusers

Heavy Duty (HD) Diffusers

Part Number	Description	Qty
D-ATTH	Thread-on; for TOUGH GUN TA3 and CA3 robotic, MA1 automatic air-cooled, and 500 amp MW1 water-cooled guns	10
D-ATSH	Slip-on; for TOUGH GUN TA3 and CA3 robotic, MA1 automatic air-cooled, and 500 amp MW1 water-cooled guns	10
D-ATTH-RW1	Thread-on; for 600 amp robotic water-cooled guns	10
D-ATTH-MW1	Thread-on; for 600 amp MW1 fixed automatic water-cooled guns	10
D-ATSH-AW2	Slip-on; for AW2 fixed automatic water-cooled guns	10

Tregaskiss® Nozzles

Air-Cooled Nozzles (Thread-On)

Part Number	Bore	Tip Position	Type	Material	O.D.	Qty	Reamer Cutter Blade
401-14-62	5/8"	1/8" recess	Tapered	Copper	1.062"	10	RCT-01
401-43-62	5/8"	1/8" recess	Tapered	Copper	0.938"	10	RCT-01
401-18-62	5/8"	1/8" stick out	Tapered	Copper	0.938"	10	RCT-01
401-20-62	5/8"	1/8" stick out	Tapered	Copper	1.062"	10	RCT-01
401-30-62T	5/8"	1/8" stick out	Bottleneck	Brass	0.938"	10	RCT-01

Air-Cooled Nozzles (Slip-On)

Part Number	Bore	Tip Position	Type	Material	O.D.	Qty	Reamer Cutter Blade
401-6-62	5/8"	1/8" recess	Tapered	Copper	1.062"	10	RCT-01
401-8-62	5/8"	1/8" stick out	Tapered	Copper	0.938"	10	RCT-01
401-4-62	5/8"	1/8" recess	Tapered	Copper	0.938"	10	RCT-01
401-5-62	5/8"	1/4" recess	Tapered	Copper	1.062"	10	RCT-01
401-48-62	5/8"	Flush	Bottleneck	Copper	1.062"	10	RCT-01
401-81-62	5/8"	1/8" stick out	Tapered	Copper	1.062"	10	RCT-01
401-7-62	5/8"	1/4" recess	Tapered	Brass	1.106"	10	RCT-01
401-71-62	5/8"	1/8" recess	Tapered	Brass	1.106"	10	RCT-01
401-87-62	5/8"	1/8" stick out	Tapered	Brass	1.062"	10	RCT-01
401-30-62	5/8"	1/8" stick out	Bottleneck	Brass	0.938"	10	RCT-01

AccuLock™ Contact Tips

Heavy Duty (HD) Copper Contact Tips

Part Number	Description	Qty	Part Number	Description	Qty	Part Number	Description	Qty
T-A030CH*	for 0.030" (0.8 mm)	10	T-A045CH*	for 0.045" (1.2 mm)	10	T-A072CH	for 0.070" (1.8 mm)	10
T-A035CH*	for 0.035" (0.9 mm)	10	T-A052CH*	for 0.052" (1.3 mm)	10	T-A078CH	for 5/64" (2.0 mm)	10
T-A039CH*	for 0.039" (1.0 mm)	10	T-A062CH	for 1/16" (1.6 mm)	10	T-A094CH	for 3/32" (2.4 mm)	10

* Add "-1000" to end of part number listed for packages of 1000

Heavy Duty (HD) Chrome Zirconium Contact Tips

Part Number	Description	Qty	Part Number	Description	Qty
T-A030ZH	for 0.030" (0.8 mm)	10	T-A039ZH	for 0.039" (1.0 mm)	10
T-A035ZH	for 0.035" (0.9 mm)	10	T-A045ZH	for 0.045" (1.2 mm)	10

NOTE: Add "-100" to the end of any of the above contact tip part numbers listed for quantities of 100.

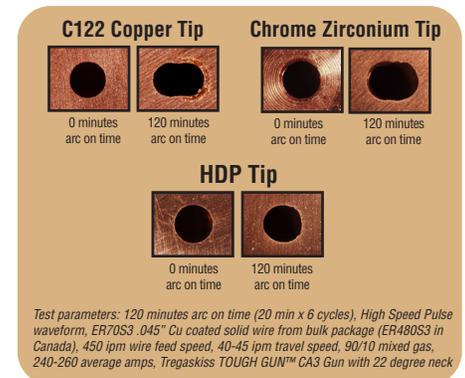
HDP Contact Tips

Part Number	Description	Qty	Part Number	Description	Qty
T-A035WH	for 0.035" (0.9 mm)	10	T-A045WH	for 0.045" (1.2 mm)	10
T-A039WH	for 0.039" (1.0 mm)	10	T-A052WH	for 0.052" (1.3 mm)	10

NOTE: Add "-100" to the end of any of the above contact tip part numbers listed for quantities of 100.

Engineered with a special alloy that has superior resistance to arc erosion and wear, HDP tips last 6-10X longer than copper and chrome zirconium tips. Additional benefits include increased arc stability for improved weld quality and reduced spatter.

NOTE: Torque all AccuLock contact tips to 30 in.-lbs. (3.5 Nm)



AccuLock™ Teach Pointers & Tip Tool

AccuLock R Teach Tips

Part Number	Description	Qty
T-A050TP	Teach pointer, 1/2"	1
T-A062TP	Teach pointer, 5/8"	1
T-A075TP	Teach pointer, 3/4"	1

AccuLock Tip Tool

Part Number	Description	Qty
T-A010MTP	Teach pointer, 10mm	1
T-A015MTP	Teach pointer, 15mm	1
T-A001TP	Teach pointer, adjustable	1

Part Number	Description	Qty
T-ALTOOL	Tip tool, AccuLock	1

QUICK LOAD® Liners & Retainers

Select your wire size and gun length in the table below to find which QUICK LOAD Liner part number is needed for your application.

QUICK LOAD Liners

Wire Size	6 ft Length	10 ft Length	15 ft Length	25 ft Length	Description
0.023"	-	-	415-23-15Q	-	High Carbon Steel- Round Wound
0.030"	415-30-6Q	-	415-30-15Q	-	High Carbon Steel- Round Wound
0.035" - 0.045"	415-35-6Q	415-35-10Q	415-35-15Q	415-35-25Q	High Carbon Steel- Round Wound
0.045" - 1/16"	415-116-6Q	415-116-10Q	415-116-15Q	415-116-25Q	High Carbon Steel- Round Wound
1/16" - 5/64"	415-564-6Q	-	415-564-15Q	415-564-25Q	High Carbon Steel- Round Wound
0.078" - 3/32"	415-332-6Q	-	415-332-15Q	415-332-25Q	High Carbon Steel- Flat Wound

QUICK LOAD Pro Liners

Wire Size	6 ft Length	10 ft Length	15 ft Length	25 ft Length	Description
0.035" - 0.045"	415-35-062Q	-	-	-	Galvanized - D Wound (requires 415-26 retainer)
0.045" - 1/16"	415-116-062Q	-	-	-	Galvanized - D Wound (includes 415-31 retainer)

QUICK LOAD Liner Retainers; Required for initial installation (sold separately)

Wire Size	Part Number	Description
0.030" - 5/64"	415-26	QUICK LOAD Liner Retainer*
0.030" - 5/64"	415-37	QUICK LOAD Liner Retainer**
0.045" - 1/16"	415-31	QUICK LOAD Liner Retainer (required for 415-116-062Q)
0.078" - 3/32"	415-24	QUICK LOAD Liner Retainer*

*Compatible with Tregaskiss TOUGH GUN Robotic and Automatic MIG Guns and Bernard BTB, TGX and Clean Air Semi-Automatic MIG Guns

**Compatible with most Tweco® MIG Guns

Common Consumable Platform™

Tregaskiss® AccuLock™ R consumables and Bernard® AccuLock S consumables share a common contact tip. If you have a combination of robotic and semi-automatic guns in your facility, you'll benefit from the reduced costs and simplified inventory of a **common consumable platform**.

AccuLock™



Subject to Change – The information presented in this spec sheet is accurate to the best of our knowledge at the time of printing. Please visit Tregaskiss.com for the most up-to-date information.

Distributed By:

