

PROCESSES	• MIG (GMAW) Welding
ROBOTS	• ABB® • FANUC® • Kawasaki® • KUKA® • Nachi® • OTC Daihen® • Panasonic® • Yaskawa® Motoman®
DUTY CYCLE	• 100%: 350 amp with Mixed Gases Ratings are based on tests that comply with IEC 60974-7

NEXT-LEVEL PRECISION, UPTIME, AND OVERALL EQUIPMENT EFFECTIVENESS

The Tregaskiss® ATLAS™ Robotic ThruArm MIG Welding Torch delivers next-level performance through rugged durability and precise, repeatable welds.

Its intuitive, modular design supports greater uptime by making maintenance faster and more consistent, while maintaining precise and repeatable Tool Center Point (TCP) in demanding environments.

- Engineered for demanding robotic welding applications with a focus on durability, precision, and ease of use.
- Delivers consistent TCP accuracy, even after maintenance, to ensure high-quality and repeatable welds.
- Simplifies maintenance and reduces training time, helping teams work more efficiently with fewer errors.
- Rugged construction protects key components from spatter, debris, and wear in tough industrial applications.
- Helps improve overall equipment effectiveness (OEE) by reducing rework, maintenance time, and production interruptions.
- Easy to service and operate, making it ideal for facilities facing labor shortages or high turnover.

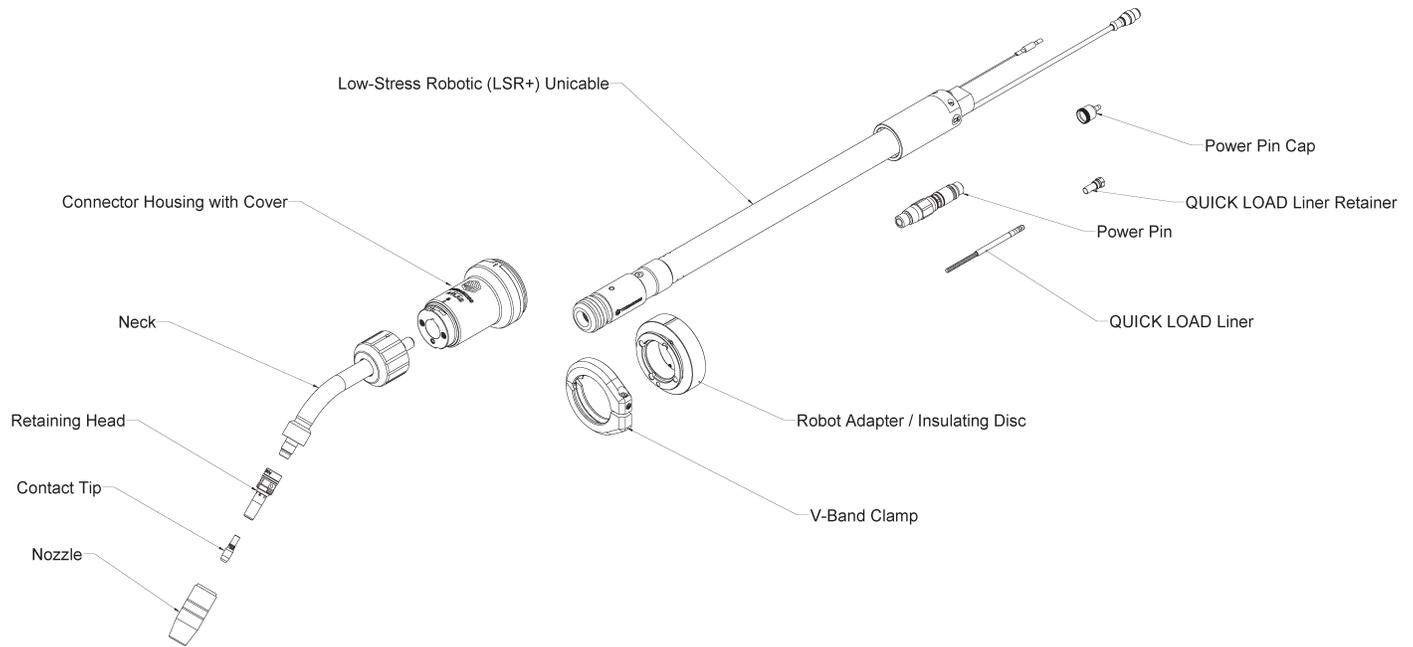



EASY MAINTENANCE
WITH MINIMAL DOWNTIME


NEW FEATURES PROVIDE
INCREASED DURABILITY

SYSTEM COMPONENTS

SYSTEM COMPONENTS FOR ALL ROBOTS



SPECIFICATIONS

THROUGH-ARM ROBOTIC ARTICULATION LIMITS FOR LSR+ UNICABLES

Axis	Articulation Limit
5	+/- 90°
4+6	+/- 270°

NOTE: ANY ARTICULATION BEYOND THESE LIMITS IS CONSIDERED ABUSE OF THE CABLE AND WILL ACCELERATE LSR+ UNICABLE WEAR.

KNOW YOUR OPTIONS



ACCULOCK™ R CONSUMABLES

Eliminate contact tip cross-threading issues with AccuLock R consumables. These new consumables are designed for increased tip life, which can reduce replacement frequency and related downtime. AccuLock HDP contact tips can increase life by an additional 6-10x longer in pulse welding applications. And in most cases, your current tip and diffuser can be replaced with no impact to Tool Center Point (TCP), making this upgrade low effort, low risk, and high payoff.

AIR BLAST

Air blast utilizes compressed shop air to clear loose debris from front-end consumables thereby reducing the frequency of nozzle cleaning. 80 – 100 psi maximum air supply required for proper operation. This option is available for all Atlas™ robotic air-cooled MIG torches. **Ordered Separately*

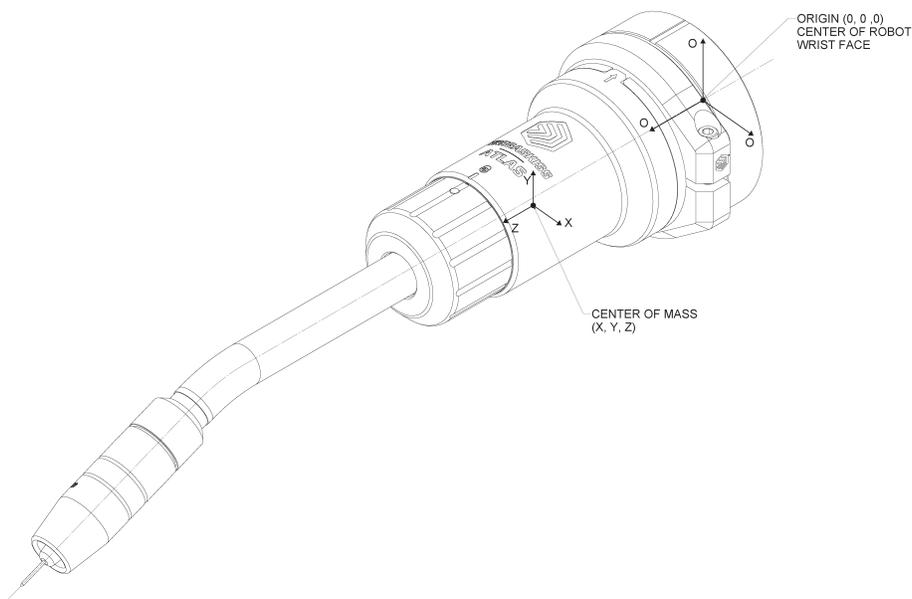
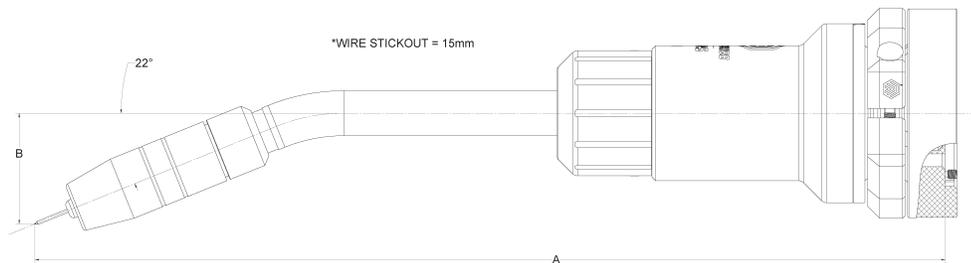


QUICK LOAD® E-Z FEED™ LINERS

The QUICK LOAD E-Z FEED liner system loads from the front of the MIG torch, and requires less than half the time and effort for replacement when compared with rear load liners. These liners interface with a QUICK LOAD liner retainer that is seated within the power pin of the torch on first use. QUICK LOAD liners come standard on Tregaskiss robotic MIG torches unless wire brake is a selected option. Available for wire sizes between 0.035" and 1/16" and in lengths of up to 15 feet for robotic applications.

TORCH CONFIGURATIONS

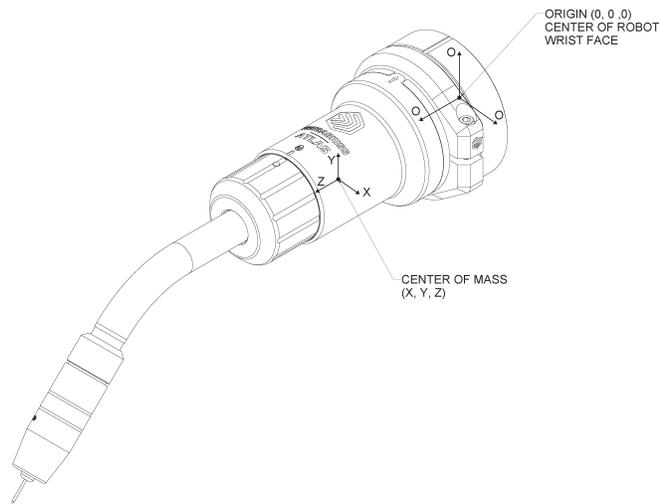
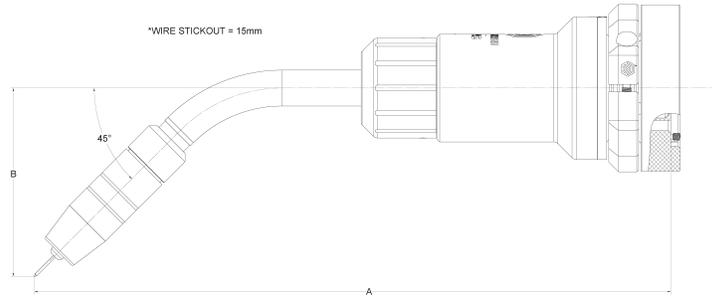
STANDARD CONFIGURATIONS - 22 DEGREE NECKS



SOLID MOUNT — 22 DEGREE						
NECK	A (mm)	B (mm)	X (mm)	Y (mm)	Z (mm)	WEIGHT (kg)
GA248-047-22	386	47	0.08	-2.69	122.41	1.99
GA277-047-22	415	47	0.08	-2.62	129.73	2.04
GA323-047-22	461	47	0.07	-2.53	142.01	2.12
GA436-047-22	574	47	0.07	-2.32	175.20	2.30

TORCH CONFIGURATIONS [CONTINUED]

STANDARD CONFIGURATIONS - 45 DEGREE NECKS



SOLID MOUNT — 45 DEGREE						
NECK	A (mm)	B (mm)	X (mm)	Y (mm)	Z (mm)	WEIGHT (kg)
GA200-100-45	338	100	0.08	-6.70	115.53	1.97
GA229-100-45	367	100	0.08	-6.54	122.66	2.02
GA247-120-45	385	120	0.08	-9.29	128.29	2.06
GA267-100-45	405	100	0.08	-6.34	132.51	2.08
GA275-100-45	413	100	0.07	-6.30	134.6 6	2.09
GA302-120-45	440	120	0.07	-8.90	143.31	2.15
GA322-120-45	460	120	0.07	-8.77	149.03	2.19
GA378-120-45	516	120	0.07	-8.41	165.71	2.28

ROBOT MAKE AND MODEL OPTIONS

ABB®

IRB1600ID, IRB1520ID
IRB2600ID 15/1.85
IRB2600ID 8/2.00
IRB1660ID

FANUC®

100iC, 100iC-12L, M10iA-12
120iC
100iC-6L, 100iC-7L, M10iA-6L, M10iA-7L
120iC-10L, 120iC-12L

100iC-8L
100iD, 100iD-12
100iD-8L
100iD-10L
120iD
120iD-12L

KAWASAKI®

BA006N
BA006L
BA013N
BA013L

KUKA®

KR 5 HW
KR 16 L8 HW
KR 16 HW

KR6 R1820HW

KR8 R1420HW, KR8 R1620HW
KR8 R2100HW

OTC DAIHEN®, NACHI®

OTC AX-V4
OTC AX-V4L
OTC AII-B4
OTC AII-B4L
OTC FD B4, Nachi NB04
OTC FD B4L, Nachi NB04L
OTC FD B6, Nachi NB6
OTC FD B6L, Nachi NB6L

PANASONIC®

TB1800WGIII
TM-1100, TM-1400
TM-1800
TM-1600
TM-2000

YASKAWA® MOTOMAN®

MA3100
MA1440, AR1440, MH12
MA2010, AR2010
MA3120, AR3120
MH24, AR1730

CONSUMABLE OPTIONS

ACCULOCK™ HEAVY DUTY (HD) COPPER CONTACT TIPS

T-A030CH*	for 0.030" (0.8 mm) wire; qty. 10	T-A062CH	for 1/16" (1.6 mm) wire; qty. 10
T-A035CH*	for 0.035" (0.9 mm) wire; qty. 10	T-A072CH	for 0.072" (1.8 mm) wire; qty. 10
T-A039CH*	for 0.039" (1.0 mm) wire; qty. 10	T-A078CH	for 5/64" (2.0 mm) wire; qty. 10
T-A045CH*	for 0.045" (1.2 mm) wire; qty. 10	T-A094CH	for 3/32" (2.4 mm) wire; qty. 10
T-A052CH*	for 0.052" (1.3 mm) wire; qty. 10		

NOTE: ADD "-100" TO END OF THE ABOVE HD COPPER CONTACT TIP PART NUMBERS FOR QUANTITIES OF 100.
*ADD "-1000" TO END OF THE ABOVE PART NUMBERS FOR QUANTITIES OF 1000.

ACCULOCK™ HEAVY DUTY (HD) CHROME ZIRCONIUM CONTACT TIPS

T-A030ZH	for 0.030" (0.8 mm) wire; qty. 10	T-A039ZH	for 0.039" (1.0 mm) wire; qty. 10
T-A035ZH	for 0.035" (0.9 mm) wire; qty. 10	T-A045ZH	for 0.045" (1.2 mm) wire; qty. 10

NOTE: ADD "-100" TO THE END OF THE ABOVE HD CHROME ZIRCONIUM CONTACT TIP PART NUMBERS FOR QUANTITIES OF 100.

ACCULOCK™ HDP CONTACT TIPS

T-A035WH	for 0.035" (0.9 mm) wire; qty. 10	T-A045WH	for 0.045" (1.2 mm) wire; qty. 10
T-A039WH	for 0.039" (1.0 mm) wire; qty. 10	T-A052WH	for 0.052" (1.3 mm) wire; qty. 10

NOTE: ADD "-100" TO THE END OF THE ABOVE HDP CONTACT TIP PART NUMBERS FOR QUANTITIES OF 100.

CONSUMABLE OPTIONS (CONTINUED)

ACCULOCK™ TEACH POINTERS (USED FOR ROBOTIC PROGRAMMING)

T-A001TP	Adjustable teach pointer	T-A075TP	Teach pointer, 3/4" CTWD
T-A050TP	Teach pointer, 1/2" CTWD	T-A10MTP	Teach pointer, 10 mm CTWD
T-A062TP	Teach pointer, 5/8" CTWD	T-A15MTP	Teach pointer, 15 mm CTWD

ACCULOCK™ R GAS DIFFUSERS

D-ATTH	Gas diffuser, thread-on, AccuLock R	D-ATSH	Gas diffuser, slip-on, AccuLock R
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NOTE: ADD "-100" TO THE END OF THE ABOVE GAS DIFFUSER PART NUMBERS FOR QUANTITIES OF 100.

TOUGH LOCK® HEAVY DUTY (HD) CONTACT TIPS

403-20-30	for 0.030" (0.8 mm) wire	403-20-1.4	for 0.055" (1.4 mm) wire
403-20-35	for 0.035" (0.9 mm) wire	403-20-116	for 1/16" (1.6 mm) wire
403-20-1.0	for 0.040" (1.0 mm) wire	403-20-1.8	for 0.072" (1.8 mm) wire
403-20-45	for 0.045" (1.2 mm) wire	403-20-78	for 0.078" (2.0 mm) wire
403-20-364	for 3/64" (1.2 mm) wire	403-20-564	for 5/64" (2.0 mm) wire
403-20-52	for 0.052" (1.3 mm) wire	403-20-332	for 3/32" (2.4 mm) wire

TOUGH LOCK® HEAVY DUTY TAPERED CONTACT TIPS

403-21-30	for 0.030" (0.8 mm) wire	403-21-45	for 0.045" (1.2 mm) wire
403-21-35	for 0.035" (0.9 mm) wire	403-21-52	for 0.052" (1.3 mm) wire
403-21-1.0	for 0.040" (1.0 mm) wire	403-21-116	for 1/16" (1.6 mm) wire

TOUGH LOCK® EXTENDED LIFE HEAVY DUTY (EHD) CONTACT TIPS

403-27-30	for 0.030" (0.8 mm) wire	403-27-45	for 0.045" (1.2 mm) wire
403-27-35	for 0.035" (0.9 mm) wire	403-27-364	for 3/64" (1.2 mm) wire
403-27-1.0	for 0.040" (1.0 mm) wire		

TOUGH LOCK® STANDARD DUTY (SD) CONTACT TIPS

403-14-30	for 0.030" (0.8 mm) wire	403-14-45	for 0.045" (1.2 mm) wire
403-14-35	for 0.035" (0.9 mm) wire		

TOUGH LOCK® STANDARD DUTY TAPERED CONTACT TIPS

403-12-30	for 0.030" (0.8 mm) wire		
403-12-35	for 0.035" (0.9 mm) wire	403-12-45	for 0.045" (1.2 mm) wire

TOUGH LOCK® TEACH POINTERS (USED FOR ROBOTIC PROGRAMMING)

403-20-01	Adjustable teach tip	403-20-075	Teach tip 3/4" CTWD
403-20-05	Teach tip 1/2" CTWD	403-20-10mm	Teach tip 10 mm CTWD
403-20-062	Teach tip 5/8" CTWD	403-20-15mm	Teach tip 15 mm CTWD

TOUGH LOCK® RETAINING HEADS

404-18	SD – retaining head for slip-on nozzles	404-32	HD – retaining head for slip-on nozzles
		404-52	HD – retaining head for thread-on nozzles

CONSUMABLE OPTIONS [CONTINUED]

NOZZLES

Part Number	Description	Style	COMPATIBLE CONSUMABLES SERIES	
			TOUGH LOCK	AccuLock R
401-6-62	HD - 5/8" bore, 1/8" recess (copper)	Slip-on	X	X
401-81-62	HD - 5/8" bore, 1/8" stick out (copper)	Slip-on	X	X
401-4-62	SD - 5/8" bore, 1/8" recess (copper)	Slip-on	X	X
401-8-62	SD - 5/8" bore, 1/8" stick out (copper)	Slip-on	X	X
401-42-50	SD - 1/2" bore, 1/8" recess (bottleneck, brass)	Slip-on	X	
401-48-50	SD - 1/2" bore, 1/8" stick out (bottleneck, brass)	Slip-on	X	
401-48-62	HD - 5/8" bore, flush tip (bottleneck, copper)	Slip-on	X	X
401-44-50	SD - 1/2" bore, 1/4" stick out (bottleneck, brass)	Slip-on	X	
401-49-50	HD - 1/2" bore, flush tip (bottleneck, brass)	Slip-on	X	
401-71-62	HD - 5/8" bore, 1/8" recess (brass), straight bore	Slip-on		X
401-87-62	HD - 5/8" bore, 1/8" stick out (brass)	Slip-on	X	X
401-14-62	HD - 5/8" bore, 1/8" recess (copper)	Thread-on	X	X
401-41-62	HD - 5/8" bore, 1/8" stick out (brass)	Thread-on	X	
401-53-62	HD - 5/8" bore, 1/8" stick out (bottleneck, copper)	Thread-on	X	
401-20-62	HD - 5/8" bore, 1/8" stick out (copper)	Thread-on	X	X
401-43-62	SD - 5/8" bore, 1/8" recess (copper)	Thread-on	X	X
401-18-62	SD - 5/8" bore, 1/8" stick out (copper)	Thread-on	X	X
401-30-62	SD - 5/8" bore, 1/8" stick out (bottleneck, brass)	Slip-on	X	X
401-30-62T	SD - 5/8" bore, 1/8" stick out (bottleneck, brass)	Thread-on	X	X

SEE THE TOUGH LOCK CONSUMABLES SPEC SHEET (SP-TLC) FOR MORE OPTIONS

QUICK LOAD® LINERS

415-26	QUICK LOAD Liner Retainer
415-24	QUICK LOAD Liner Retainer (required for 3/32" wire)
415-35-6Q	QUICK LOAD Liner for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire; 6' (1.8 m)
415-35-10Q	QUICK LOAD Liner for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire; 10' (3.05 m)
415-35-15Q	QUICK LOAD Liner for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire; 15' (4.5 m)
415-116-6Q	QUICK LOAD Liner for 0.045" (1.2 mm) - 1/16" (1.6 mm) wire; 6' (1.8 m)
415-116-10Q	QUICK LOAD Liner for 0.045" (1.2 mm) - 1/16" (1.6 mm) wire; 10' (3.05 m)
415-116-15Q	QUICK LOAD Liner for 0.045" (1.2 mm) - 1/16" (1.6 mm) wire; 15' (4.5 m)

QUICK LOAD® E-Z FEED™ LINERS *STANDARD ON ATLAS

415-31	QUICK LOAD Liner Retainer (required for 415-116-062Q liner)
415-35-062Q	QUICK LOAD Liner for 0.035" (0.9 mm) - 0.045" (1.2 mm) cored wire; 6' (1.8 m) (requires 415-26 retainer)
415-116-062Q	QUICK LOAD Liner for 0.045" (1.2 mm) - 1/16" (1.6 mm) cored wire; 6' (1.8 m) (requires 415-31 retainer)

415-26 QUICK LOAD Liner Retainer (required for 415-26 liner)
REAR LOAD LINERS (required for MIG Torches equipped with wire brake only)

415-30-6	for 0.030" (0.8 mm) wire; 6' (1.8 m) – round wound
415-30-15	for 0.030" (0.8 mm) wire; 15' (4.5 m) – round wound
415-35-6	for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire; 6' (1.8 m) – round wound
415-35-10	for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire; 10' (3.05 m) – round wound
415-35-15	for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire; 15' (4.5 m) – round wound
415-116-6	for 0.045" (1.2 mm) - 1/16" (1.6 mm) wire; 6' (1.8 m) – round wound
415-116-10	for 0.045" (1.2 mm) - 1/16" (1.6 mm) wire; 10' (3.05 m) – round wound
415-116-15	for 0.045" (1.2 mm) - 1/16" (1.6 mm) wire; 15' (4.5 m) – round wound
415-564-6	for 1/16" (1.6 mm) - 5/64" (2.0 mm) wire; 6' (1.8 m) – round wound
415-564-15	for 1/16" (1.6 mm) - 5/64" (2.0 mm) wire; 15' (4.5 m) – flat wound
415-332-15	for 0.078" (2.0 mm) - 3/32" (2.4 mm) wire; 15' (4.5 m) – flat wound

COMPONENTS

AIR COOLED NECKS

GA200-100-45	200 mm x 100 mm Offset - 45°	<i>See Page 5 for Overall TCP</i>
GA229-100-45	229 mm x 100 mm Offset - 45°	<i>See Page 5 for Overall TCP</i>
GA247-120-45	247 mm x 120 mm Offset - 45°	<i>See Page 5 for Overall TCP</i>
GA267-100-45	267 mm x 100 mm Offset - 45°	<i>See Page 5 for Overall TCP</i>
GA275-100-45	275 mm x 100 mm Offset - 45°	<i>See Page 5 for Overall TCP</i>
GA302-120-45	302 mm x 120 mm Offset - 45°	<i>See Page 5 for Overall TCP</i>
GA322-120-45	322 mm x 120 mm Offset - 45°	<i>See Page 5 for Overall TCP</i>
GA378-120-45	378 mm x 120 mm Offset - 45°	<i>See Page 4 for Overall TCP</i>
GA248-047-22	248 mm x 47 mm Offset - 22°	<i>See Page 4 for Overall TCP</i>
GA277-047-22	277 mm x 47 mm Offset - 22°	<i>See Page 4 for Overall TCP</i>
GA323-047-22	323 mm x 47 mm Offset - 22°	<i>See Page 4 for Overall TCP</i>
GA436-047-22	436 mm x 47 mm Offset - 22°	<i>See Page 4 for Overall TCP</i>

LSR+ [LOW-STRESS ROBOTIC] UNICABLES

ATLAS LSR Part Number	Configurator Digit	Robot Make	Robot Model	Feeder Main	Feeder Extended Description	Feeder Placement
UA-0810	0810	Fanuc	100iC, 100iC-12L	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-0810	0810	Panasonic	TM-1100 / 1400	Panasonic		
UA-0850	0850	Fanuc	100iD	Miller Auto Continuum		
UA-0850	0850	Panasonic	TM-1100 / 1400	Miller Auto Axxess		
UA-0880	0880	Fanuc	100iD	Lincoln		
UA-0880	0880	Fanuc	100iC, 100iC-12L	Fronius VR-1500 PAP		
UA-0880	0880	OTC / NACHI	FD B4 / NB04	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-0880	0880	OTC / NACHI	FD-B6/ NB6	OTC		
UA-0910	0910	Panasonic	TM-1100 / 1400	Miller Auto Continuum		
UA-0910	0910	KUKA	KR5 HW	100iC , M10iA	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-0910	0910	Motoman	AR1440 , MA1440 , MH12	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	

LSR+ [LOW-STRESS ROBOTIC] UNICABLES

[CONTINUED]

ATLAS LSR Part Number	Configurator Digit/Unicable Length (mm)	Robot Make	Robot Model	Feeder Main	Feeder Extended Description	Feeder Placement
UA-0920	0920	Motoman	EA1400N	Fronius VR-1500PAP	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-0920	0920	Motoman	EA1400N / SSA2000	All		
UA-0960	0960	KUKA	KR8 R1420HW/ R1620HW	Miller Auto Continuum		
UA-0960	0960	Fanuc	100iD, M10iD-12	Fronius WF25iR PAP		
UA-0960	0960	KUKA	KR8 R1420HW/ R1620HW	Lincoln		
UA-0980	0980	Motoman	AR1440, MA1440	Fronius VR-1500PAP		
UA-0980	0980	Fanuc	120iC	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-0980	0980	ABB	IRB1660ID	Fronius VR-1500PAP		
UA-0980	0980	KUKA	KR16 HW	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1020	1020	ABB	IRB1600ID	Fronius VR-1500PAP		
UA-1020	1020	Fanuc	100iC-6L, 100iC-7L, MA10iA-6L, MA10iA-7L	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1030	1030	OTC/NACHI	AX-V4	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1030	1030	Fanuc	120iD	Miller Auto Continuum		
UA-1050	1050	ABB	IRB1660iD	Miller Auto Continuum		
UA-1050	1050	Fanuc	100iD-10L	Miller Auto Continuum		
UA-1050	1050	Kawasaki	BA006N	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1050	1050	Panasonic	TM-1800	Panasonic	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1050	1050	Panasonic	TM-1600	Panasonic		
UA-1050	1050	Kawasaki	BA013N	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1060	1060	Fanuc	120iC			
UA-1060	1060	Motoman	AR1730, MH24	All		
UA-1060	1060	Panasonic	TM-1600	Miller Auto Axxess		
UA-1080	1080	Fanuc	100iD-10L	Lincoln		
UA-1080	1080	Fanuc	120iD	Lincoln		
UA-1100	1100	Panasonic	TM-1800	Miller Auto Axxess		
UA-1100	1100	Fanuc	Fanuc, 100iC-6L, 100iC-7L, MA10iA-6L, MA10iA-7L			

LSR+ [LOW-STRESS ROBOTIC] UNICABLES

[CONTINUED]

ATLAS LSR Part Number	Configurator Digit/Unicable Length (mm)	Robot Make	Robot Model	Feeder Main	Feeder Extended Description	Feeder Placement
UA-1100	1100	ABB	IRB 1660iD	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1120	1120	Panasonic	TM-1600	Panasonic		
UA-1120	1120	Panasonic	TM-1600	Miller Auto Continuum		
UA-1120	1120	KUKA	KR6 R1820HW	Miller Auto Continuum		
UA-1120	1120	Fanuc	100iC-7L w/Fronius TPS 400i Feeder	Fronius VR-15000PAP		
UA-1140	1140	ABB	IRB 1600iD/1520iD	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1140	1140	ABB	RB 1600iD / 1520iD / 2600iD 15/1.85	Miller Auto Continuum		
UA-1140	1140	Panasonic	TM-1800	Miller Auto Continuum		
UA-1140	1140	Motoman	MA1800	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1170	1170	Fanuc	120iD	OTC		
UA-1170	1170	KUKA	KR6 R1820HW	Lincoln		
UA-1170	1170	Panasonic	TB1800WG3	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1210	1210	ABB	IRB 2600ID 15/1.85	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1210	1210	Fanuc	120iC-10L, 120iC-12L	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1210	1210	KUKA	KR8 R2100HW	Miller Auto Continuum		
UA-1210	1210	Motoman	EA1900N /MA1900	Fronius		
UA-1230	1230	Fanuc	100iC-8L, MA10iA-8L	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1240	1240	Fanuc	100iD-8L	Miller Auto Continuum		
UA-1240	1240	Comau	Smart5 Arc6	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1240	1240	Motoman	EA1900N /MA1900	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1270	1270	Panasonic	TM-2000	Panasonic		
UA-1270	1270	Fanuc	120iC-10L, 120iC-12L	Fronius VR-1500PAP		
UA-1270	1270	Fanuc	100iD-8L	Lincoln		
UA-1270	1270	Fanuc	100iD-8L	Lincoln		
UA-1270	1270	OTC/NACHI	FD-B6L/ NB6L	OTC		

LSR+ [LOW-STRESS ROBOTIC] UNICABLES

[CONTINUED]

ATLAS LSR Part Number	Configurator Digit	Robot Make	Robot Model	Feeder Main	Feeder Extended Description	Feeder Placement
UA-1300	1300	Panasonic	TM-2000	Miller Auto Axxess		
UA-1300	1300	OTC/NACHI	FD B4L / NB04L	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1300	1300	KUKA	KR8 R2100HW	Lincoln		
UA-1330	1330	Fanuc	100iC-8L w/Fronius TPS 400i Feeder			
UA-1350	1350	Panasonic	TM-2000			
UA-1350	1350	Fanuc	100iC-8L, M10iA-8L			
UA-1350	1350	OTC/NACHI	AX-V4L			
UA-1350	1350	KUKA	KR16 L8 HW	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1380	1380	Kawasaki	BA006L	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1400	1400	Motoman	AR2010, MA2010	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1410	1410	Kawasaki	BA013L	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1410	1410	ABB	IRB 2600iD 8/2.00	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-1460	1460	Fanuc	120iD-12L	Miller Auto Continuum		
UA-1480	1480	Motoman	AR2010, MA2010	Fronius VR-15000PAP		
UA-1500	1500	Fanuc	120iD-12L	Lincoln		
UA-1580	1580	Fanuc	120iD-12L	OTC		
UA-1860	1860	Motoman	MA3100 / MA3120	All	OTC, Lincoln, Miller, Panasonic, Tweco Style	
UA-2110	2110	Fanuc	M710iC-12L	Miller Auto Continuum		J3 Version
UA-2140	2140	Fanuc	M710iC-12L	Miller Auto Axxess		J3
UA-2250	2250	Fanuc	M710iC-12L	Lincoln		J3
UA-3120	3120	Fanuc	120iC w/Remote Mount Feeder	All-Remote Mount		Remote
UA-3250	3250	Fanuc	M710iC-12L	All-J2	OTC, Lincoln, Miller, Panasonic, Tweco Style	J2

MOUNTING OPTIONS

SOLID MOUNT AND V-BAND CLAMP

CHA-113 Housing Solid Mount — All Models
VCA V-Band Clamp

INSULATING DISCS

AA-25-FID	Fanuc iD	AA-25-AB2	ABB IRB 1660, 2600
AA-25-FIC	Fanuc iC	AA-25-KU1	Kuka KR5 HW, KR16 L8
AA-25-MMA	Motoman MA/AR	AA-25-KU2	Kuka KR16 HW
AA-25-PTM	Panasonic	AA-25-KU3	Kuka KR8 R1420HW, KR6
AA-25-K06	Kawasaki BA006N/L	AA-25-DB6	OTC / Daihen FDB6(L)
AA-25-K13	Kawasaki BA013N/L	AA-25-DV4	OTC / Daihen AX-V4(L)
AA-25-AB1	ABB IRB 1520, 1600	AA-20-DB4	OTC / Daihen (FD)B4(L) (*Delrin Spacer)
		AS-20-DB4	OTC / Daihen (FD)B4(L) (*Aluminum Spacer)

POWER PINS

POWER PINS

214	Tweco® #4	214-39	OTC Daihen®
214-1	Miller®	214-40	Lincoln®
214-12	Tweco #5	214-41	Fronius (North American Style)
214-30	Panasonic		

OPTIONAL ACCESSORIES SOLD SEPARATELY

UA-ABKIT	Air Blast	TMM-8	Coming Soon
TMM	Coming Soon	TMM-9	Coming Soon
TMM-C	Coming Soon		

KITS

AA-M4KIT	Disc M5 Bolt Kit	CHA-ORINGKIT	Connector Housing O-ring Kit
AA-M6KIT	Disc M6 Bolt Kit	VCA-M5KIT	V-Band Bolt Kit
AA-M8KIT	Disc M8 Bolt Kit	GA-M5KIT	Gooseneck M5 Bolt Kit
CHA-LEVERKIT	Lever Kit		

PERIPHERALS & ACCESSORIES

TREGASKISS® TT4 REAMER

POWER THROUGH WELD SPATTER FOR INCREASED UPTIME AND WELD QUALITY



Automating spatter removal helps to extend the life of your robotic MIG torch and consumables, benefiting your bottom line, production uptime and throughput. Operates reliably in the harshest welding environments.

VISIT BERNARDTREGASKISS.COM/TT4 FOR ORDERING INFORMATION.

TOUGH GARD® MULTI-FEED SYSTEM



Eliminate the need to frequently refill sprayer reservoirs with the TOUGH GARD multi-feed system from Tregaskiss. Feed up to 10 reamer units from a single 5-gallon or 55-gallon drum of TOUGH GARD anti-spatter liquid.

- TG-103-05-2 for 5-Gallon pail (up to 2 nozzle cleaning stations)
- TG-103-05-10 for 5-Gallon pail (up to 10 nozzle cleaning stations)
- TG-103-55-10 for 55-Gallon drum (up to 10 nozzle cleaning stations)

TOUGH GARD® ANTI-SPATTER LIQUID



This ready-to-use water-soluble, non-toxic product creates a sacrificial surface that reduces spatter adhesion. This prolongs the life of your consumables and minimizes downtime due to nozzle cleaning which can help reduce your operating and maintenance costs.

- TG-101-05 5.28 U.S. Gallon / 20 L
- TG-101-55 55 U.S. Gallon / 208 L
- TG-101-01 1 U.S. Gallon / 3.78 L
- TG-101-32SP 32 fl. oz. / 946 mL (spray bottle)
- TG-101-14S 16.9 fl. oz. / 500 mL

TOUGH GARD® MULTI-FEED SYSTEM HOSE (sold separately)

- TG-103-100 100' multi-feed hose
- TG-103-200 200' multi-feed hose

NOTES

ORDERING INFORMATION

TREGASKISS® ATLAS™ THRUARM ROBOTIC MIG TORCH

Class	Type	Torch Mount (Solid, Clutch, Wire Brake)	Robot Make/Model	Length (in mm)	Power Pin	Neck	Nozzle	Wire Size	AB/ICE/TMM
T	A	S				D	L		Order Seperately
Thru Arm	Air Cooled	S Solid Mount	A Fanuc ID	0810	D OTC Daihen	A 200 mm x 100 mm Offset, 45°	A 401-6-62 AccuLock Slip On	B 0.030" (0.8 mm)	UA-ABKIT Air Blast TMM Coming Soon TMM-C Coming Soon
			B Fanuc IC	0850	E Euro*	B 229 mm x 100 mm Offset, 45°	B 401-81-62 AccuLock Slip On	C 0.035" (0.9 mm)	
			C Motoman MA/AR	0880	F Fronius (N. American Pin)	C 247 mm x 120 mm Offset, 45°	C 401-8-62 AccuLock Slip On	D 0.040" (1.0 mm) ^{^^}	
			D Panasonic TM	0910	L Lincoln	D 267 mm x 100 mm Offset, 45°	D 401-30-62 AccuLock Slip On	E 0.045" (1.2 mm)	
			E Kawasaki BA006NL	0920	M Miller	E 275 mm x 100 mm Offset, 45°	E 401-14-62 AccuLock Thread On	F 3/64" (1.19 mm) ^{^/^^}	
			F Kawasaki BA013NL	0960	P Panasonic	F 302 mm x 120 mm Offset - 45°	F 401-20-62 AccuLock Thread On	G 0.052" (1.32 mm) ^{^^}	
			G ABB IRB 1520, 1600	0980	T Tweco #4	G N/A	G 401-43-62 AccuLock Thread On	H 1/16" (1.6 mm) [^]	
			H ABB IRB 1660, 2600	1020	W Tweco #5	H 322 mm x 120 mm Offset, 45°	H 401-30-62T AccuLock Thread On	O No Consumables	
			J KUKA KR5 HW, KR16 L8	1030		J N/A	I 401-6-62 TOUGH LOCK HD Slip On		
			K KUKA KR16 HW	1050		K 378 mm x 120 mm Offset, 45°	K 401-81-62 TOUGH LOCK HD Slip On		
			L KUKA KR8 R1420HW, KR6	1060 1080		L N/A	L 401-8-62 TOUGH LOCK HD Slip On		
			M OTC / Daihen FDB6(L)	1100		M N/A	M 401-30-62 TOUGH LOCK HD Slip On		
			N OTC / Daihen AX-V4(L)	1120		N 248 mm x 47 mm Offset, 22°	N 401-14-62 TOUGH LOCK HD Thread On		
			P OTC / Daihen (FD)b4(L)	1140		P 277 mm x 47 mm Offset, 22°	O 401-20-62 TOUGH LOCK HD Thread On		
				1170		Q 323 mm x 47 mm Offset, 22°	P 401-20-62 TOUGH LOCK HD Thread On		
				1210		R 436 mm x 47 mm Offset, 22°	Q 401-43-62 TOUGH LOCK HD Thread On		
				1230			R 401-30-62T TOUGH LOCK HD Thread On		
				1240			S 401-42-50 TOUGH LOCK HD Slip On [™]		
				1270			T 401-48-50 TOUGH LOCK HD Slip On [™]		
				1290			U 401-42-50 TOUGH LOCK SD Slip On ^{™/^^}		
				1300			V 401-48-50 TOUGH LOCK SD Slip On ^{™/^^}		
				1330			W 401-48-62 AccuLock HD Slip On		
				1350					
				1380					
				1400					
				1410					
				1460					
	1480								
	1500								
	1580								
	1860								
	2110								
	2140								
	2160								
	2250								
	3120								
	3250								

*** TOUGH LOCK ONLY

^ COPPER

^^ NOT AVAILABLE TOUGH LOCK SD

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