

**TOUGH LOCK™
CONSUMABLES &
CONVERSION SERIES**

**PART NUMBERS &
ORDERING INFORMATION**



SPEC TRG-TLC-1.5



Achieve lower operating costs and increased uptime with the TOUGH LOCK™ Consumable Series from Tregaskiss.

TOUGH LOCK CONTACT TIP PART NUMBERS

WIRE SIZE	STANDARD DUTY	HEAVY DUTY	HEAVY DUTY TAPERED	EXTENDED LIFE HEAVY DUTY	EXTRA HEAVY DUTY	QTY
0.023" (0.6 mm)	403-14-23	N/A	N/A	N/A	N/A	100
0.030" (0.8 mm)	403-14-30	403-20-30	403-21-30	403-27-30	N/A	100
0.035" (0.9 mm)	403-14-35	403-20-35	403-21-35	403-27-35	N/A	100
0.040" (1.0 mm)	403-14-1.0	403-20-1.0	403-21-1.0	403-27-1.0	603-20-1.0	100
0.045" (1.2 mm)	403-14-45	403-20-45	403-21-45	403-27-45	603-20-45	100
3/64" (1.2 mm)	N/A	403-20-364	N/A	403-27-364	603-20-364	100
0.052" (1.3 mm)	N/A	403-20-52	N/A	N/A	603-20-52	100
0.055" (1.4 mm)	N/A	403-20-1.4	N/A	N/A	603-20-1.4	100
1/16" (1.6 mm)	N/A	403-20-116	N/A	403-27-116	603-20-116	100
0.070" (1.8 mm)	N/A	403-20-1.8	N/A	N/A	N/A	100
0.078" (2.0 mm)	N/A	403-20-78	N/A	N/A	N/A	100
5/64" (2.0 mm)	N/A	403-20-564	N/A	N/A	603-20-564	100
3/32" (2.4 mm)	N/A	403-20-332	N/A	N/A	603-20-332	100
7/64" (2.8 mm)	N/A	N/A	N/A	N/A	603-20-764	100
1/8" (3.2 mm)	N/A	N/A	N/A	N/A	603-20-18	100

For quantities of 25: Add "-25" to the end of the part number (Example: 25 Heavy Duty Contact Tips for 0.030" wire size: Part #403-20-30-25)

For quantities of 1000 (Heavy Duty and Extended Life Heavy Duty Contact Tips only): Add "-1000" to the end of the part number (Example: 1000 Extended Life Heavy Duty Contact Tips for 3/64" wire size: Part #403-27-364-1000)

TOUGH LOCK TEACH TIPS

Teach Tips are used for robotic programming

PART NUMBER	DESCRIPTION	QTY
403-20-01	Adjustable Teach Tip	1
403-20-05	Teach Tip 1/2"	1
403-20-062	Teach Tip 5/8"	1
403-20-075	Teach Tip 3/4"	1
403-20-10mm	Teach Tip 10 mm	1
403-20-15mm	Teach Tip 15 mm	1

TOUGH LOCK RETAINING HEADS

APPLICATION	DESCRIPTION	SINGLE TAPER PART NUMBER	DUAL TAPER PART NUMBER	QTY
Robotic	Heavy Duty	404-30-25	404-32-25	25
Robotic	Heavy Duty	404-30	404-32	100
Robotic	Heavy Duty	404-30-250	404-32-250	250
Robotic	Standard Duty	404-14-25	404-18-25	25
Robotic	Standard Duty	404-14	404-18	100
Semi-Automatic	Heavy Duty	404-20-25	404-26-25	25
Semi-Automatic	Heavy Duty	404-20	404-26	100
Semi-Automatic	Heavy Duty	404-20-250	404-26-250	250
Semi-Automatic	Standard Duty	404-14-25	404-18-25	25
Semi-Automatic	Standard Duty	404-14	404-18	100
600 amp Water-Cooled	Diffuser	404-38-25	N/A	25
600 amp Water-Cooled	Diffuser	404-38	N/A	100
THREAD-ON RETAINING HEADS FOR NEW STYLE THREAD-ON NOZZLES				
Robotic	Heavy Duty	N/A	404-52	10
Robotic	Heavy Duty	404-51-25	N/A	25
Semi-Automatic	Heavy Duty	N/A	404-53-25	25

TOUGH LOCK CONVERSION SERIES

Add our TOUGH LOCK Consumables, durable nozzles, and neck insulators / adaptors to your Bernard™, Binzel®, Lincoln® and Tweco® style MIG Guns according to the chart below:

GUN BRAND	GUN MODEL	GUN NECK	TOUGH LOCK HEAVY DUTY RETAINING HEAD	NECK INSULATOR	ADAPTOR
Bernard™	Q-Gun™ Series	N/A	404-44	402-14	N/A
Binzel®	Alpha 4	N/A	404-46	402-11	N/A
Lincoln®	Lincoln Magnum 300	KP1929 / KP1928 / KP1941	404-20	402-14	N/A
Lincoln	Lincoln Magnum 400	KP1929 / KP1928 / KP1941	404-20	402-14	N/A
Tweco®	Tweco #3	63J-60	404-20	402-14	N/A
Tweco	Tweco #4	64J-60	404-20	402-14	N/A
Tweco	SprayMaster 350	MS63-60	404-20	402-14	N/A
Tweco	SprayMaster 450	MS64H-60	404-20	402-14	N/A
Tweco	Weldskill 400	64A-60	404-20	402-14	N/A
Tweco	Mini MIG	N/A	N/A	402-19	404-64

NOTE: The 404-20 TOUGH LOCK Retaining Head will fit on most necks with an external 9/16"-18 thread, regardless of angle.

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



Tregaskiss is an industry leader in the development and manufacture of robotic MIG welding guns, robotic peripherals and consumables.

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