



Appendix

Discontinued Products – Service Parts for
TOUGH GUN™ Quick-Change Water-Cooled (QCWC) and Keyed Water-Cooled (KWC) MIG Guns

Part No.	Description	Torch Series
449-180	Neck, 180 Degree	TOUGH GUN™ Quick-Change (QCWC) and Keyed Water-Cooled (KWC) Robotic Guns
449-180-1	Soldered Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
449-180-1-1	Outer Tube, Water-Cooled, Taper Lock	TOUGH GUN QCWC and KWC Robotic Guns
449-180-1-2	Inner Tube, Water-Cooled, Robotic, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
449-180-2	Neck Sub-Assembly, Water-Cooled, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
449-180-70	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
449-180-9-1	Soldered Assembly, Water-Cooled, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
449-22	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
449-22-70	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
449-22S	Neck, Taper Lock	TOUGH GUN QCWC and KWC Robotic Guns
449-45	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
449-45-70	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
449-45S	Neck, Taper Lock	TOUGH GUN QCWC and KWC Robotic Guns
449-60-1	Soldered Sub-Assembly, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
449-60-1-2	Inner Tube, Water-Cooled, Robotic, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
449-60-70	Neck, 60 Degree	TOUGH GUN QCWC and KWC Robotic Guns
449-N001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N002	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
449-N002-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N003-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N004	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
449-N004-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N005	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
449-N005-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N006	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
449-N006-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N007	Neck Assembly, 6.268	TOUGH GUN QCWC and KWC Robotic Guns
449-N007-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N008-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N009-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
449-N010	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
449-N010-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
449-N011	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
449-N011-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
452-2	Shock Washer, Nylon	TOUGH GUN QCWC and KWC Robotic Guns
458-180	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
458-180-1	Neck, Water-Cooled, Standard	TOUGH GUN QCWC and KWC Robotic Guns
458-180-1-1	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-180-1S	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-180-2-1	Neck, Stainless Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-180-70	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
458-22	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
458-22-70	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
458-22S	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-45	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
458-45-70	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
458-60-1	Neck, Water-Cooled, Standard	TOUGH GUN QCWC and KWC Robotic Guns
458-60-1-3	Neck, Brass Block	TOUGH GUN QCWC and KWC Robotic Guns
458-60-1-3S	Front Block, 450 amp Water-Cooled	TOUGH GUN QCWC and KWC Robotic Guns
458-60-1-4	Fitting, Barbed, Water-Cooled	TOUGH GUN QCWC and KWC Robotic Guns
458-60-1-5	Fitting, Barbed Hose, Key	TOUGH GUN QCWC and KWC Robotic Guns
458-60-1-6	Barbed Pin, Brass	TOUGH GUN QCWC and KWC Robotic Guns
458-60-4	Body Detail	TOUGH GUN QCWC and KWC Robotic Guns
458-60-70	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N001-1	Neck, Water-Cooled, Sub	TOUGH GUN QCWC and KWC Robotic Guns
458-N001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N001-2	Neck, Water-Cooled, Sub	TOUGH GUN QCWC and KWC Robotic Guns
458-N002-1	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N002-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N003	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N003-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N004	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N004-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N005	Neck Assembly, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
458-N005-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N006-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N009	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N009-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
458-N010	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N010-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N012	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N012-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N016	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N016-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N017	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N017-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N018	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N018-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N019	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N019-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N020	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N020-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N022	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N022-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N023	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N023-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N025-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N026	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N026-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N027	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
458-N027-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N028-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N029-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
458-N030-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
485-180-1-6	Neck Extension Tube	TOUGH GUN QCWC and KWC Robotic Guns
485-180-6	Extension Tube Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-180	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
494-180-1	Soldered Sub-Assembly, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
494-180-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-180-70	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
494-22	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
494-22-70	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
494-45	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
494-45-70	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
494-Q001	Neck, Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q003	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q003-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q004-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q005-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q006	Neck Assembly, 10.627	TOUGH GUN QCWC and KWC Robotic Guns
494-Q006-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q007	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q007-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q008	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q008-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q009	Neck Assembly, 10.713	TOUGH GUN QCWC and KWC Robotic Guns
494-Q009-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q010	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q010-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q011	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q011-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q012	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q012-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q013	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q013-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q014	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q014-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q015	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q015-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q016-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q017	Neck Assembly, 8.778	TOUGH GUN QCWC and KWC Robotic Guns
494-Q017-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q018	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q018-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q019	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q019-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q020	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q020-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q021	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
494-Q021-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q022	Neck Assembly, 8.697	TOUGH GUN QCWC and KWC Robotic Guns
494-Q022-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q023	Neck Assembly, 13.569	TOUGH GUN QCWC and KWC Robotic Guns
494-Q023-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q024	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q024-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q025	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q025-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q026	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q026-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q027	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q027-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
494-Q028	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
494-Q028-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-01-45-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-1	O-Ring, Buna 022	TOUGH GUN QCWC and KWC Robotic Guns
495-10	Cap, Plastic 1.125 ID	TOUGH GUN QCWC and KWC Robotic Guns
495-1-1	Front Connector Block	TOUGH GUN QCWC and KWC Robotic Guns
495-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-13	Wrench Pin Spanner	TOUGH GUN QCWC and KWC Robotic Guns
495-180	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
495-180-1	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-180-1-1	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-180-1-2	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-180-70	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
495-2	Fitting Water	TOUGH GUN QCWC and KWC Robotic Guns
495-22	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
495-22-70	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
495-3	Guard Neck	TOUGH GUN QCWC and KWC Robotic Guns
495-45	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
495-45-70	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
495-5	Insulator, Hand Nut, Neck	TOUGH GUN QCWC and KWC Robotic Guns
495-6	Hand Nut, Neck	TOUGH GUN QCWC and KWC Robotic Guns
495-Q001	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
495-Q002-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q003-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q005	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q005-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q006	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q006-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q007-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q008	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q008-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q009	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q011	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q011-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q012	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q012-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q013-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q015-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q016	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q016-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q018	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q018-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q019	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q019-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q020	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q021	Neck Assembly, 19.750	TOUGH GUN QCWC and KWC Robotic Guns
495-Q021-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q022	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q022-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q023-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
495-Q024	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
495-Q024-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
496	Connector Valve	TOUGH GUN QCWC and KWC Robotic Guns
496-1-1	Connector Valve, Front	TOUGH GUN QCWC and KWC Robotic Guns
496-1-1Y	Front Connector Valve	TOUGH GUN QCWC and KWC Robotic Guns
496-1-3	Valve	TOUGH GUN QCWC and KWC Robotic Guns
496-1-4	Fitting, Barbed	TOUGH GUN QCWC and KWC Robotic Guns
496-1-4Y	Barb Fitting	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
496-1-5	O-Ring, Buna 009	TOUGH GUN QCWC and KWC Robotic Guns
496-1-6	Spring, Stainless	TOUGH GUN QCWC and KWC Robotic Guns
496-1-7	Quad Ring, 007 Buna	TOUGH GUN QCWC and KWC Robotic Guns
496-1-8	Valve-Connector	TOUGH GUN QCWC and KWC Robotic Guns
496-1-8-1	Body-Connector, Rear	TOUGH GUN QCWC and KWC Robotic Guns
496-1-8-1S	Body-Connector, Rear	TOUGH GUN QCWC and KWC Robotic Guns
496-1-8-2	Tube Extension	TOUGH GUN QCWC and KWC Robotic Guns
496-1-8-3	Fitting Barbed	TOUGH GUN QCWC and KWC Robotic Guns
496-1-8-5S	Brass Screw, 6-32 X 3/16	TOUGH GUN QCWC and KWC Robotic Guns
496-1-8-6S	Connector Ring, Narrow	TOUGH GUN QCWC and KWC Robotic Guns
496-1-8S	Valve-Connector, Rear	TOUGH GUN QCWC and KWC Robotic Guns
496-2	Connector Housing Assembly	TOUGH GUN QCWC and KWC Robotic Guns
496-2-1	Connector Housing	TOUGH GUN QCWC and KWC Robotic Guns
496-2-2	Insulator Connector	TOUGH GUN QCWC and KWC Robotic Guns
496-2Y	Connector Housing Assembly	TOUGH GUN QCWC and KWC Robotic Guns
496-4-4S	Sensing Cable Wire	TOUGH GUN QCWC and KWC Robotic Guns
496-4-5S	Sensing Cble Control Wire 42V	TOUGH GUN QCWC and KWC Robotic Guns
496S	Connector Valve, TS	TOUGH GUN QCWC and KWC Robotic Guns
496T	Connector Valve, Q/C, Wire Brake	TOUGH GUN QCWC and KWC Robotic Guns
496Y	Connector Valve, Q/C, Wire Brake	TOUGH GUN QCWC and KWC Robotic Guns
497	Front Housing	TOUGH GUN QCWC and KWC Robotic Guns
497-1	Front Housing	TOUGH GUN QCWC and KWC Robotic Guns
497-2	Spring Guard	TOUGH GUN QCWC and KWC Robotic Guns
497-3	Insulator Sleeve	TOUGH GUN QCWC and KWC Robotic Guns
649-180	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
649-180-1	Soldered Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
649-180-2	Neck Sub-Assembly, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
649-180-70	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
649-22	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
649-22-70	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
649-45	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
649-45-70	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
649-N001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
649-N002	Neck	TOUGH GUN QCWC and KWC Robotic Guns
649-N002-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
649-N003	Neck	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
649-N003-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
649-N004	Neck	TOUGH GUN QCWC and KWC Robotic Guns
649-N004-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
650-6-62	Nozzle, 5/8" Bore 1/8" Recess	TOUGH GUN QCWC and KWC Robotic Guns
650-6-62-6	Water-Cooled Nozzle Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
650-6-62-6-1	Water-Cooled Nozzle Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
651-5-62	Nozzle, 5/8" Bore 1/4" Recess	TOUGH GUN QCWC and KWC Robotic Guns
651-5-62-6	Nozzle Sub Assembly	TOUGH GUN QCWC and KWC Robotic Guns
651-5-62-6-1	Nozzle Sub Assembly	TOUGH GUN QCWC and KWC Robotic Guns
651-5-75	Nozzle, 3/4" Bore 1/4" Recess	TOUGH GUN QCWC and KWC Robotic Guns
651-5-75-2	Nozzle Insulator, G7 2.312	TOUGH GUN QCWC and KWC Robotic Guns
651-5-75-6	Nozzle Sub Assembly	TOUGH GUN QCWC and KWC Robotic Guns
651-5-75-6-1	Nozzle Sub Assembly	TOUGH GUN QCWC and KWC Robotic Guns
651-6-62	Nozzle, 5/8" Bore 1/8" Recess	TOUGH GUN QCWC and KWC Robotic Guns
651-6-62-6	Nozzle Sub Assembly	TOUGH GUN QCWC and KWC Robotic Guns
651-6-62-6-1	Nozzle Sub Assembly	TOUGH GUN QCWC and KWC Robotic Guns
652	Water Manifold	TOUGH GUN QCWC and KWC Robotic Guns
652-1	Water Manifold (PLS 652)	TOUGH GUN QCWC and KWC Robotic Guns
652-1V	Water Manifold Touch Sensing	TOUGH GUN QCWC and KWC Robotic Guns
652-4	Water Fitting (PLS 652)	TOUGH GUN QCWC and KWC Robotic Guns
652-4-1	Fitting, Water-Cooled	TOUGH GUN QCWC and KWC Robotic Guns
652-5	O-Ring, Viton 4x1mm Green (6)	TOUGH GUN QCWC and KWC Robotic Guns
652-6-0	Teflon FEP Tube, Water-Cooled	TOUGH GUN QCWC and KWC Robotic Guns
652-7	Spring, Water Jumper	TOUGH GUN QCWC and KWC Robotic Guns
652-8	O-Ring, Silicone 4x1mm	TOUGH GUN QCWC and KWC Robotic Guns
654-1-70	Retaining Head	TOUGH GUN QCWC and KWC Robotic Guns
654-2	Insulband	TOUGH GUN QCWC and KWC Robotic Guns
655-1	Insulator Ring	TOUGH GUN QCWC and KWC Robotic Guns
655-1-60	Armored Water Jumper	TOUGH GUN QCWC and KWC Robotic Guns
655-180-1	Neck, Soldered	TOUGH GUN QCWC and KWC Robotic Guns
655-180-9	Neck, Partial Assembly	TOUGH GUN QCWC and KWC Robotic Guns
655-60-1	Neck, Soldered	TOUGH GUN QCWC and KWC Robotic Guns
655-60-1-1	Neck, Brass Block	TOUGH GUN QCWC and KWC Robotic Guns
655-60-1-8	Neck, Water Tube	TOUGH GUN QCWC and KWC Robotic Guns
655-60-2	Neck, Stainless Tube	TOUGH GUN QCWC and KWC Robotic Guns
655-60-2-8	Water Tube, Barbed	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
655-N001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
655-N003-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
656-N001	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
656-N001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
658-180	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
658-180-1	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
658-180-1-1	Neck Sub-Assembly, Water-Cooled	TOUGH GUN QCWC and KWC Robotic Guns
658-180-1-2	Neck, Water-Cooled Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
658-180-70	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
658-22	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
658-22-70	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
658-45	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
658-45-70	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
658-60-1-1	Neck Block, Water-Cooled Robotic	TOUGH GUN QCWC and KWC Robotic Guns
658-60-4	Body-Detail, Water-Cooled Robotic	TOUGH GUN QCWC and KWC Robotic Guns
658-N002-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
658-N003	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
658-N003-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
694-180	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
694-180-1	Neck Sub-Assembly, Q/C, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
694-180-2	Neck Sub-Assembly, Q/C, TOUGH LOCK	TOUGH GUN QCWC and KWC Robotic Guns
694-180-70	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
694-22	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
694-22-70	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
694-45	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
694-45-70	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
694-Q001	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
694-Q001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
694-Q002	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
694-Q005	Neck, Taper Lock, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
694-Q005-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
694-Q006	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
694-Q006-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
694-Q007-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
694-Q008	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
694-Q008-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
694-Q009	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
694-Q009-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
694-Q010-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
694-Q011	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
694-Q011-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
694-Q012	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
694-Q012-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
695-1-1	Neck, Brass Block, Q/C	TOUGH GUN QCWC and KWC Robotic Guns
695-15	Neck Assembly	TOUGH GUN QCWC and KWC Robotic Guns
695-180	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
695-180-1	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
695-180-1-1	Neck Sub-Assembly	TOUGH GUN QCWC and KWC Robotic Guns
695-180-2-1	Outer Jacket, Water-Cooled	TOUGH GUN QCWC and KWC Robotic Guns
695-180-70	Neck, 180 Degree	TOUGH GUN QCWC and KWC Robotic Guns
695-22	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
695-22-70	Neck, 22 Degree	TOUGH GUN QCWC and KWC Robotic Guns
695-22V	Neck, Assembly	TOUGH GUN QCWC and KWC Robotic Guns
695-3	Insulator Guard	TOUGH GUN QCWC and KWC Robotic Guns
695-45	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
695-45-70	Neck, 45 Degree	TOUGH GUN QCWC and KWC Robotic Guns
695-5	Insulator Hand Nut	TOUGH GUN QCWC and KWC Robotic Guns
695-8	Press Fit Ring	TOUGH GUN QCWC and KWC Robotic Guns
695-9	Lockwasher For #6 Screw	TOUGH GUN QCWC and KWC Robotic Guns
695-Q001	Neck Assembly, 41 Degree	TOUGH GUN QCWC and KWC Robotic Guns
695-Q001-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
695-Q002-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
695-Q003-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
695-Q004-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
695-Q005-1-2	Inner Tube	TOUGH GUN QCWC and KWC Robotic Guns
AWS-49	Water-Cooled Robotic Demo Torch, 450 amp	TOUGH GUN QCWC and KWC Robotic Guns
SG1182-4804-45	Water-Cooled Robotic Demo Torch, 450 amp	TOUGH GUN QCWC and KWC Robotic Guns
SG1284-4804	Torch, Water-Cooled, Robotic 450 amp, 4 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG1284-4810	Torch, Water-Cooled, Robotic 450 amp, 10 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG1898-4803	Torch, Water-Cooled, Torch, 450 amp, 3 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG1952-4804	Torch, Air-Cooled, Robotic 450 amp, 4 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG2077-4803.5	Torch, Water-Cooled, 450 amp, 3.5 ft	TOUGH GUN QCWC and KWC Robotic Guns



Part No.	Description	Torch Series
SG2570-4804	Torch, Water-Cooled, Robotic 450 amp, 4 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG415-4854	Torch, Water-Cooled, 450 amp, 54"	TOUGH GUN QCWC and KWC Robotic Guns
SG675-4804	Torch, Water-Cooled, 450 amp, 4 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG708-4804.5	Torch, Water-Cooled, 450 amp, 4.5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG865-4803.5	Torch, Water-Cooled, 450 amp, 3.5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG865-4804.5-45	Torch, Water-Cooled, 450 amp, 4.5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG865-4805-45	Torch, Water-Cooled, 450 amp, 5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG934-4808	Torch, Water-Cooled, 450 amp, 8 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG967-4804	Torch, Water-Cooled, 450 amp, 4 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG1628-4905	Torch, Water-Cooled, Robotic 450 amp, 5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG1772-4912	Torch, Water-Cooled, 450 amp, 12 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG2425-4904.5	Torch, Water-Cooled, 450 amp, 4.5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG2467-4904	Torch, Water-Cooled, Robotic 450 amp, 4 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG2467-4904.5	Torch, Water-Cooled, Robotic 450 amp, 4.5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG336-4905	Torch, Water-Cooled, 450 amp, 5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG362-4904.5	Torch, Water-Cooled, 450 amp, 4.5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG362-4905	Torch, Water-Cooled, 450 amp, 5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG669-4904	Torch, Water-Cooled, 450 amp, 4 ft	TOUGH GUN QCWC and KWC Robotic Guns
SG669-4904.5	Torch, Water-Cooled, 450 amp, 4.5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SGM1022-4904	Torch, Water-Cooled, Robotic 450 amp, 4 ft	TOUGH GUN QCWC and KWC Robotic Guns
SGM1022-4904.5	Torch, Water-Cooled, Robotic 450 amp, 4.5 ft	TOUGH GUN QCWC and KWC Robotic Guns
SGM1022-4910	Torch, Water-Cooled, Robotic 450 amp, Q/C	TOUGH GUN QCWC and KWC Robotic Guns
SGM1022-4915	Torch, Water-Cooled, Robotic 450 amp, Q/C	TOUGH GUN QCWC and KWC Robotic Guns
SGM1030-4904.5	Torch, Water-Cooled, Robotic 450 amp, Q/C	TOUGH GUN QCWC and KWC Robotic Guns
SGM1030-4906	Torch, Water-Cooled, Robotic 450 amp, Q/C	TOUGH GUN QCWC and KWC Robotic Guns
SG1817-6808	Torch, Water-Cooled, Robotic 650 amp, 8 ft	TOUGH GUN QCWC and KWC Robotic Guns
T49	Demo Torch, Water-Cooled	TOUGH GUN QCWC and KWC Robotic Guns
T68	Demo Torch, Water-Cooled	TOUGH GUN QCWC and KWC Robotic Guns
WB-100	Wire Brake	TOUGH GUN QCWC and KWC Robotic Guns
WB-110	Wire Brake Assembly	TOUGH GUN QCWC and KWC Robotic Guns