

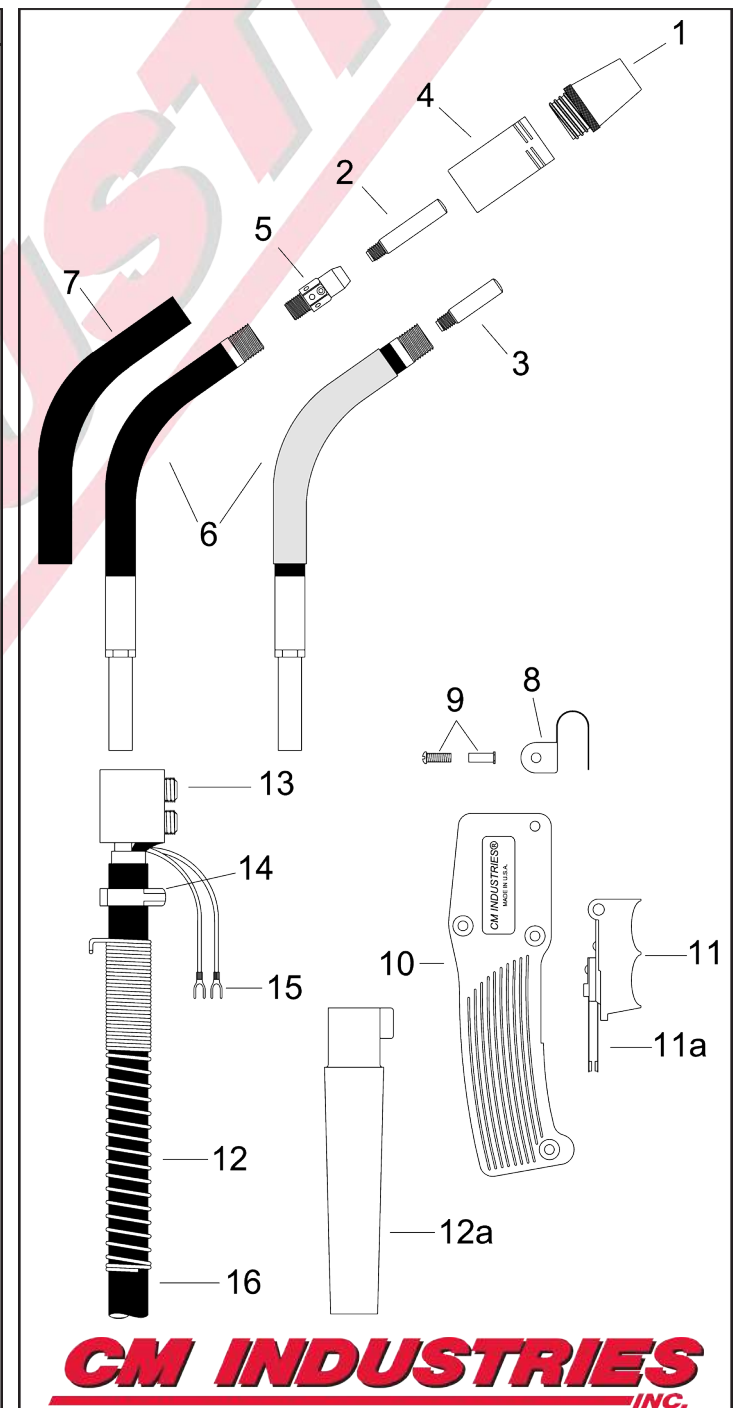
TWC 500

AIR-COOLED MIG GUN

Replacement Suitable for Tweco®

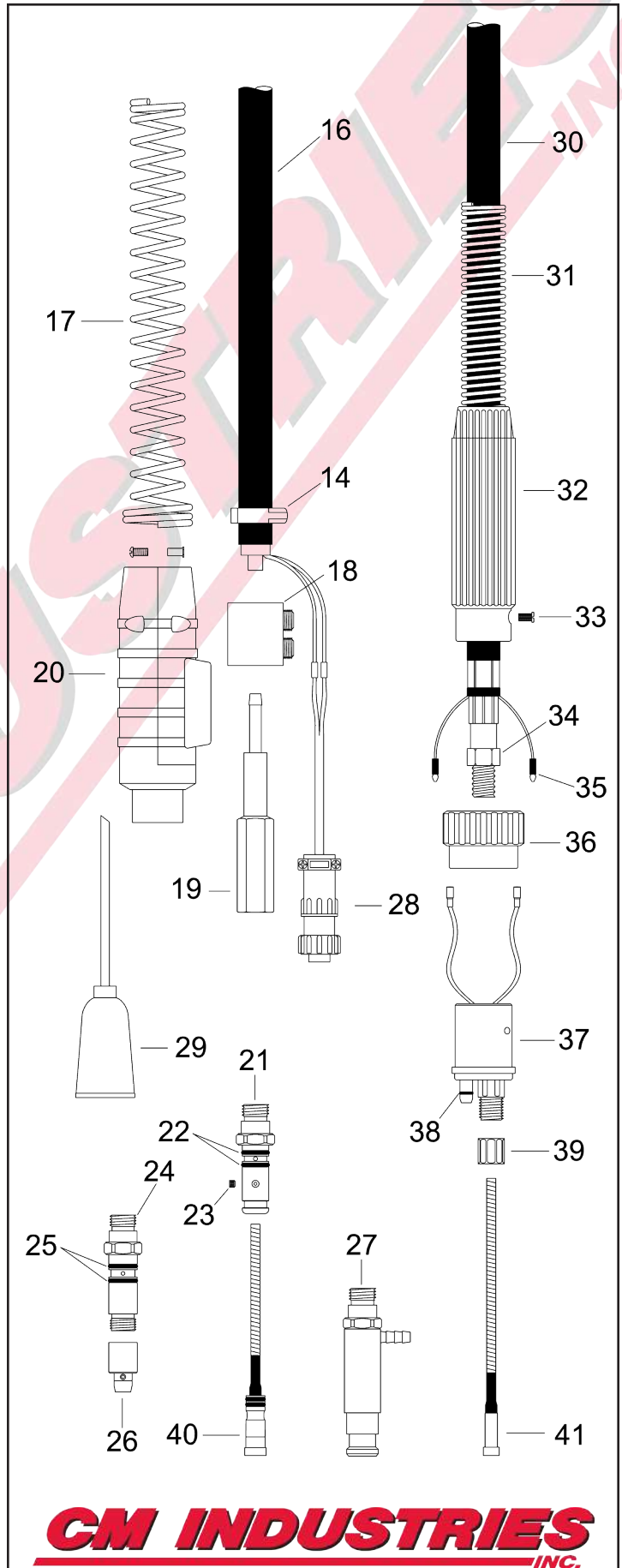
RATING	GUN ORDERING PART NUMBER	POWER PIN Direct Connect
500 Amp CO2 @ 80% Duty Cycle 375 Amp Mixed Gas @ 80% Duty Cycle Wire Capacity: 0.035" (0.9mm) - 7/64" (2.8mm)	C5xx-116	Tweco® #5
	CX5xx-116	Euro
	CL5xx-116	Lincoln® "LN"
	CLF5xx-116	Lincoln® "LF"
	CM5xx-116	Miller®
xx = Standard lengths of 10, 12, 15, 20, and 25 ft. Custom lengths also available.		

#	Part Number	Description
1.	C25CT-50 C25CT-62 C25CT-75	Nozzle, 1/2" I.D. Nozzle, 5/8" I.D., Std. Nozzle, 3/4" I.D.
2.	C15H-35 C15H-40 C15H-45 C15H-52 C15H-116 C15H-564 C15H-332 C15H-764 C15AH-364 C15AH-116	Contact Tip, H.D., .035" 0.9mm Contact Tip, H.D., .040" 1.0mm Contact Tip, H.D., .045" 1.2mm Contact Tip, H.D., .052" 1.4mm Contact Tip, H.D., 1/16" 1.6mm, Std. Contact Tip, H.D., 5/64" 2.0mm Contact Tip, H.D., 3/32" 2.4mm Contact Tip, H.D., 7/64" 2.8mm Contact Tip, H.D., Aluminum, 3/64" Contact Tip, H.D., Aluminum, 1/16"
3.	C15HFC-35 C15HFC-40 C15HFC-45 C15HFC-52 C15HFC-116 C15HFC-564 C15HFC-332 C15HFC-764	Contact Tip, H.D., .035" 0.9mm Contact Tip, H.D., .040" 1.0mm Contact Tip, H.D., .045" 1.2mm Contact Tip, H.D., .052" 1.4mm Contact Tip, H.D., 1/16" 1.6mm Contact Tip, H.D., 5/64" 2.0mm Contact Tip, H.D., 3/32" 2.4mm Contact Tip, H.D., 7/64" 2.8mm
4.	C35CT	Nozzle Insulator
5.	C55SW C55 C55H	Gas Diffuser, Use w/ .035"-1/16", Std. Gas Diffuser, Use w/ 5/64" Gas Diffuser, Use w/ 3/32"-7/64"
6.	C65J-45 C65J-60 C65J-80 C65J-180 C65-45 C65-60 C65-80 C65-180	Conductor Tube, Jacketed, 45° Conductor Tube, Jacketed, 60°, Std. Conductor Tube, Jacketed, 80° Conductor Tube, Jacketed, 180° Conductor Tube, 45° Conductor Tube, 60° Conductor Tube, 80° Conductor Tube, 180°
7.	C75	Neoprene Insulation
8.	C154	Gun Hanger
9.	C124FM	Binder Screw & Post
10.	C85	Handle
11.	C94R	Trigger Switch Assembly
11a.	C94C	Replacement Trigger Blades
12.	C145-6S	Cable Support Spring
12a.	C145-6	Cable Support Rubber - Optional
13.	C104	Cable Connector Block Assembly
14.	C134-16	Power Cable Clamp
15.	C244	Control Wire Terminal



CM INDUSTRIES
INC.

#	Part Number	Description
16.	C500-10 C500-12 C500-15 C500-20 C500-25	Power Cable, 10' Power Cable, 12' Power Cable, 15' Power Cable, 20' Power Cable, 25'
17.	C350R-230-10	Cable Support Spring
18.	C104	Cable Connector Block Assembly
19.	CM170-5H	Connector Plug Adaptor
20.	CR6RC	Round Connector Case
21.	C176S-H	Gun Plug, Tweco® #5
22.	O225	O-Ring For #5
23.	C44C	Set Screw
24.	CEL176-MH	Gun Plug, Miller®
25.	C224	O-Ring
26.	C175M-N	Conduit Nut, Miller®
27.	CEL176-LH	Gun Plug, Lincoln® "LN"
28.	300-05-001	Electrical Plug, Miller®
29.	300-05-002	Electrical Plug, Lincoln® "LN"
30.	C500-10E C500-12E C500-15E C500-20E C500-25E	Euro Power Cable, 10' Euro Power Cable, 12' Euro Power Cable, 15' Euro Power Cable, 20' Euro Power Cable, 25'
31.	185-40-001	Cable Support Spring
32.	260-52-003	Adaptor Support, Euro
33.	285-01-001	Adaptor Support Screw
34.	290-01-012	Hex Nut, M12
35.	300-05-010	Male Terminal
36.	C174X-2	Adaptor Nut
37.	C174EX-1	Euro-Kwik Adaptor Assembly
38.	C174EX-1G	O-Ring, Euro
39.	C174EX-1C	Conduit Nut, Euro-Kwik
40.	C45-3545-15 C45-3545-25 C45-116-15 C45-116-25 C45-564-15 C45-564-25 C45H-332-15 C45H-332-25 C45H-764-15 C45H-764-25 C45N-3545-15 C45N-116-15 C45SN-116-15 C45TF-116-15	Liner Assembly, 15' .035"-.045" Liner Assembly, 25' .035"-.045" Liner Assembly, 15' .062", Std. Liner Assembly, 25' .062", Std. Liner Assembly, 15' 5/64" Liner Assembly, 25' 5/64" Liner Assembly, 15' 3/32" Liner Assembly, 25' 3/32" Liner Assembly, 15' 7/64" Liner Assembly, 25' 7/64" Nylon Liner Assembly, 15' .035"-.045" Nylon Liner Assembly, 15' 3/64"-.062" Steel/Nylon Liner Assy., 15' .062" Teflon Liner Assembly, 15' 3/64"-.062"
41.	Euro Direct Only C44-3545-15 C44-3545-25 C44-116-15 C44-116-25 C44-564-15 C44-564-25 C44N-3545-15 C44N-116-15	Liner Assembly, 15' .035"-.045", Std. Liner Assembly, 25' .035"-.045" Liner Assembly, 15' .062" Liner Assembly, 25' .062" Liner Assembly, 15' 5/64" Liner Assembly, 25' 5/64" Nylon Liner Assembly, 15' .035"-.045" Nylon Liner Assembly, 15' .062"



WARNING!

Please Read All Safety Instructions



WARNING

- Read and follow the manufacturer's instructions, employer's safety practices, and Material Safety Data Sheets (MSDSs).
- Only qualified personnel should install, use, or service this material and/or equipment.



ELECTRIC SHOCK can kill.

- Always wear dry installing gloves.
- Do not touch live electrical parts.
- Always disconnect power source before hooking up or changing electrodes, nozzles and other parts.



WELDING SPARKS can cause fire or explosion

- Do not weld near flammable material.
- Do not weld on closed containers.
- Remove combustibles from the work area and/or provide a fire watch.
- Avoid oily or greasy clothing as a spark may ignite them.



LOUD NOISE can damage hearing.

- Always wear protective hearing devices to ensure protection when noise levels exceed OSHA standards.



ARC RAYS can injure eyes and burn skin.

- Always wear correct eye, ear, and body protection.
- Always wear a welding helmet with the proper grade filter lens. Protect yourself and others from spatter arc rays by using protective screens, barriers and welding curtains.
- Always wear protective gloves and clothing to cover exposed skin. This will aid in the prevention of arc and spatter burns.



FUMES AND GASES can be hazardous to your health.

- Keep your head out of the fumes.
- Use enough ventilation or exhaust at the arc to keep fumes and gases from your breathing zone, and general area.
- Fumes from cutting and welding can deplete air quality, causing injury or death. Always wear an air supplied respirator in confined areas, or if breathing air is not safe.

Read America Nation Standard Z49.1, "Safety in Welding, Cutting, and Allied Processes," available from America Welding Society, 550 N.W. LeJeune Rd., Miami, FL 33126;

OSHA Safety and health standards, available from U.S. Government Printing Office, Washington DC 20402

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