

Combination Torch Handles

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Quick Specs

Typical Applications

Shipbuilding Farm and ranch
 Railroad Metal fabrication
 Salvage Construction and demolition
 Pipeline Auto Repair

Oxy-Fuel Processes

Cutting
 Heating
 Welding
 Brazing

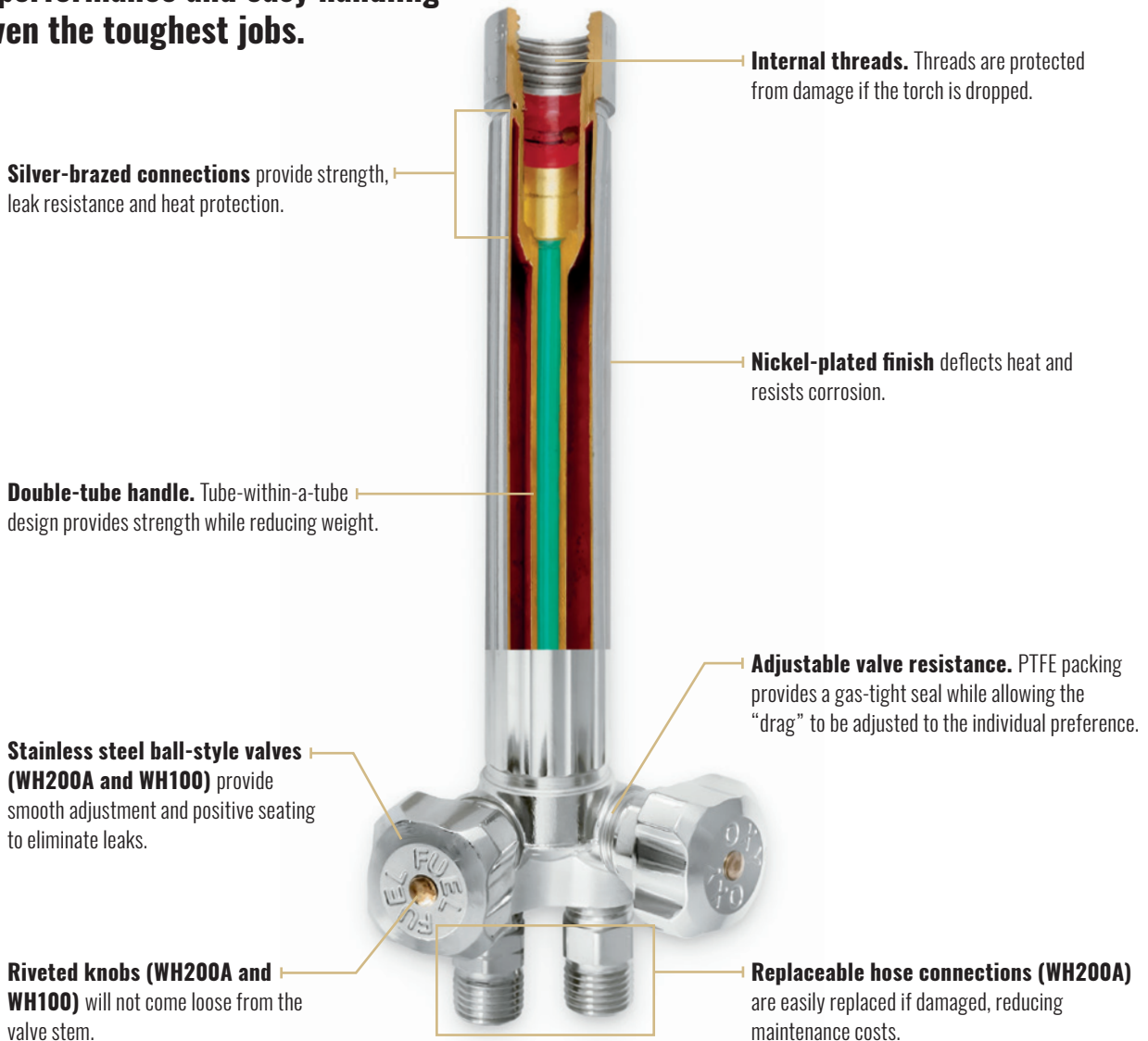
Fuel Gases

Acetylene
 Propane
 Natural gas
 Propylene

Inlet Connections

WH200A and WH100 models:
 "B" size, 9/16"-18 RH and LH
 AW1A model:
 "A" size, 3/8"-24 RH and LH

Safe performance and easy handling for even the toughest jobs.



Silver-brazed connections provide strength, leak resistance and heat protection.

Internal threads. Threads are protected from damage if the torch is dropped.

Double-tube handle. Tube-within-a-tube design provides strength while reducing weight.

Nickel-plated finish deflects heat and resists corrosion.

Stainless steel ball-style valves (WH200A and WH100) provide smooth adjustment and positive seating to eliminate leaks.

Adjustable valve resistance. PTFE packing provides a gas-tight seal while allowing the "drag" to be adjusted to the individual preference.

Riveted knobs (WH200A and WH100) will not come loose from the valve stem.

Replaceable hose connections (WH200A) are easily replaced if damaged, reducing maintenance costs.



Torch handles are warranted for 25 years, parts and labor.



Electrical Testing Laboratories (ETL) Listed for oxy-fuel torches.



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WH200A Heavy-Duty Handle



Handles heavy-duty cutting, heating and welding requiring high gas flow.
Cuts up to 8-inch (203 mm) thick steel with SC200 series cutting attachments.

Materials of construction

- Handle, head, tube and butt: nickel-plated brass
- Valve ball: stainless steel
- Valve stem: bronze
- Valve packing: PTFE
- Valve nut: nickel-plated brass
- Valve knob: nickel-plated zinc
- Silver-brazed assembly

Specifications

Length: 7.5 in. (191 mm)
 Weight: 1.01 lb. (0.46 kg)
 Handle diameter: 1 in. (25.4 mm)

Inlet connection

“B” size, 9/16”-18 RH and LH

FUEL GAS	CUTTING ATTACHMENT		HEATING TIPS		WELDING TIPS	
	STOCK NO.	HEAD ANGLE	STOCK NO.	BTU PER HOUR	STOCK NO.	METAL THICKNESS
Acetylene	SC205 SC209	75° 90°	ST602	41,160	SW201	1/32 in. (0.7 mm)
			ST603	73,500	SW203	5/64 in. (1.9 mm)
			ST605*	141,120	SW205	1/8 in. (3 mm)
			ST610**	220,500	SW207	3/16 in. (5 mm)
Propane/ natural gas			ST615	244,000	—	—
			ST625	455,000		
			ST635***	614,195		
Propylene			ST815	273,000	—	—
			ST825	830,000		

*Two 350 cubic foot cylinders need to be manifolded together to use this tip.

**Three 350 cubic foot cylinders need to be manifolded together to use this tip.

***ST635 tip requires 3/8-inch I.D. hose and heavy-duty regulators.

WH100 Medium-Duty Handle



Handles everyday cutting, heating and welding needs.

Cuts up to 6-inch (153 mm) thick steel with MC500 series and Toughcut™ CC509P cutting attachments.

Materials of construction

- Handle, head, tube and butt: nickel-plated brass
- Valve ball: stainless steel
- Valve stem: bronze
- Valve packing: PTFE
- Valve nut: nickel-plated brass
- Valve knob: nickel-plated zinc
- Silver-brazed assembly

Specifications

Length: 7 in. (178 mm)
 Weight: 0.86 lb. (0.39 kg)
 Handle diameter: 15/16 in. (24 mm)

Inlet connection

“B” size, 9/16”-18 RH and LH

FUEL GAS	CUTTING ATTACHMENT		HEATING TIPS		WELDING TIPS	
	STOCK NO.	HEAD ANGLE	STOCK NO.	BTU PER HOUR	STOCK NO.	METAL THICKNESS
Acetylene	MC505 MC509 CC509P (Toughcut)	75° 90° 90°	MT603	41,160	MW201	1/32 in. (0.7 mm)
			MT605	74,970	MW203	5/64 in. (1.9 mm)
			MT610*	132,300	MW205	1/8 in. (3 mm)
					MW207	3/16 in. (5 mm)
					MW209	3/8 in. (10 mm)
Propane/ natural gas			MT615	269,000	MW411 (Brazing)	5/8 in. (16 mm)
Propylene			MT805	280,000	—	—

*Two 350 cubic foot acetylene cylinders need to be manifolded together to use this tip.

AW1A Standard-Duty Handle



Handles light-duty cutting, heating and brazing needs.
Cuts up to 3-inch (76 mm) thick steel with AC309 cutting attachment.

Materials of construction

- Handle, head, tube and butt: nickel-plated brass
- Valve stem: stainless steel
- Valve packing: PTFE
- Valve nut: nickel-plated brass
- Valve knob: nickel-plated zinc
- Silver-brazed assembly

Specifications

Length: 5.75 in. (146 mm)
 Weight: 0.37 lb. (0.17 kg)
 Handle diameter: 11/16 in. (17 mm)

Inlet connection

“A” size, 3/8”-24 RH and LH

FUEL GAS	CUTTING ATTACHMENT		HEATING TIPS		WELDING TIPS	
	STOCK NO.	HEAD ANGLE	STOCK NO.	BTU PER HOUR	STOCK NO.	METAL THICKNESS
Acetylene	AC309	90°	AT605	42,630	AW201	1/32 in. (0.7 mm)
			AT60*	6,320 – 24,990	AW203	5/64 in. (1.9 mm)
			AT600*	12,600 – 50,000	AW205	1/8 in. (3 mm)
			AT600X6*	12,600 – 50,000	AW207	3/16 in. (5 mm)
Propane/ natural gas			AT61*	27,480 – 29,980	—	—
			AT600*	55,000		
			AT600X6*	55,000		

**Heating tips require removable tip ends. Corresponding Btu-per-hour specification is dependent upon tip end used. See separate Heating Tips literature GE/28.0 for more detailed information, including brazing capacities.*

Ordering Information

COMBINATION TORCH HANDLES	STOCK NO.	DESCRIPTION	QTY.	PRICE
Heavy-Duty Handle	WH200A			
Medium-Duty Handle	WH100			
Standard-Duty Handle	AW1A			
COMBINATION TORCH CUTTING ATTACHMENTS				
SC200 Series Heavy-Duty Cutting Attachments	SC205	For use with WH200A handle, 75° head angle		
	SC209	For use with WH200A handle, 90° head angle		
MC500 Series Medium-Duty Cutting Attachments	MC505	For use with WH100 handle, 75° head angle		
	MC509	For use with WH100 handle, 90° head angle		
Toughcut™ Medium-Duty Cutting Attachment	CC509P	For use with WH100 handle, 90° head angle		
Standard-Duty Cutting Attachment	AC309	For use with AW1A handle, 90° head angle		
HEAVY-DUTY TIPS				
Multi-Flame Heating Tips		See page 2 — for WH200A handle for use with acetylene, propane/natural gas or propane		
SW200 Series Welding Tips		See page 2 — for WH200A handle for use with acetylene		
MEDIUM-DUTY TIPS				
Multi-Flame Heating Tips		See page 2 — for WH100 handle for use with acetylene, propane/natural gas or propane		
MW200 Series Welding Tips		See page 2 — for WH100 handle for use with acetylene		
MW411 Brazing Tip		See page 2 — for WH100 handle for use with propane/natural gas		
STANDARD-DUTY TIPS				
AT605 Multi-Flame Heating Tip		See page 3 — for AW1A handle for use with acetylene		
AT60/AT61 Heating Tips		See page 3 — for AW1A handle for use with acetylene or propane/natural gas (requires tip ends)		
AT600/AT600X6 Twin-Flame Heating Tips				
Heating Tip Ends		Required for AT60/AT61/AT600/AT600X6 heating tips — see Heating Tips literature GE/28.0 for detailed information		
AW200 Series Welding Tips		See page 3 — for AW1A handle for use with acetylene		
REPLACEMENT PARTS				
Valve Assembly	G729-5A	For WH200A handle (pair)		
	LW17	For WH100 handle (pair)		
	AW11A	For AW1A handle (pair)		
Hose Connections	3060-1	For WH200A handle — oxygen		
	3060-2	For WH200A handle — fuel		
ACCESSORIES				
Flashback Arrestors	H743	Torch-mount flashback arrestors (pair)		
Check Valves	H697	Torch-mount reverse-flow check valves (pair)		
Twin-Hoses	TRL1131	For WH200A and WH100 handles for use with all fuel gases. 20 ft. (6.1 m) "T"-grade, 1/4 in. ID, "B" fittings		
	RL1131	For WH200A handle for use with acetylene only. 25 ft. (7.6 m) "R"-grade, 1/4 in. ID, "B" fittings		
	RL935	For WH100 handle for use with acetylene only. 20 ft. (6.1 m) "R"-grade, 3/16 in. ID, "B" fittings		
	RA921	For AW1A handle for use with acetylene only. 12.5 ft. (3.8 m) "R"-grade, 3/16 in. ID, "B" and "A" fittings		
Twin-Hose for Brazing	14779-4-10	For AW1A handle for use with acetylene only. 10 ft. (3 m) Kevlar® twin-hose, 1/8 in. ID, "B" and "A" fittings		

DATE: _____ TOTAL QUOTED PRICE: _____

Note: Hose connection "B" fittings are 9/16"-18 and "A" fittings are 3/8"-24.

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