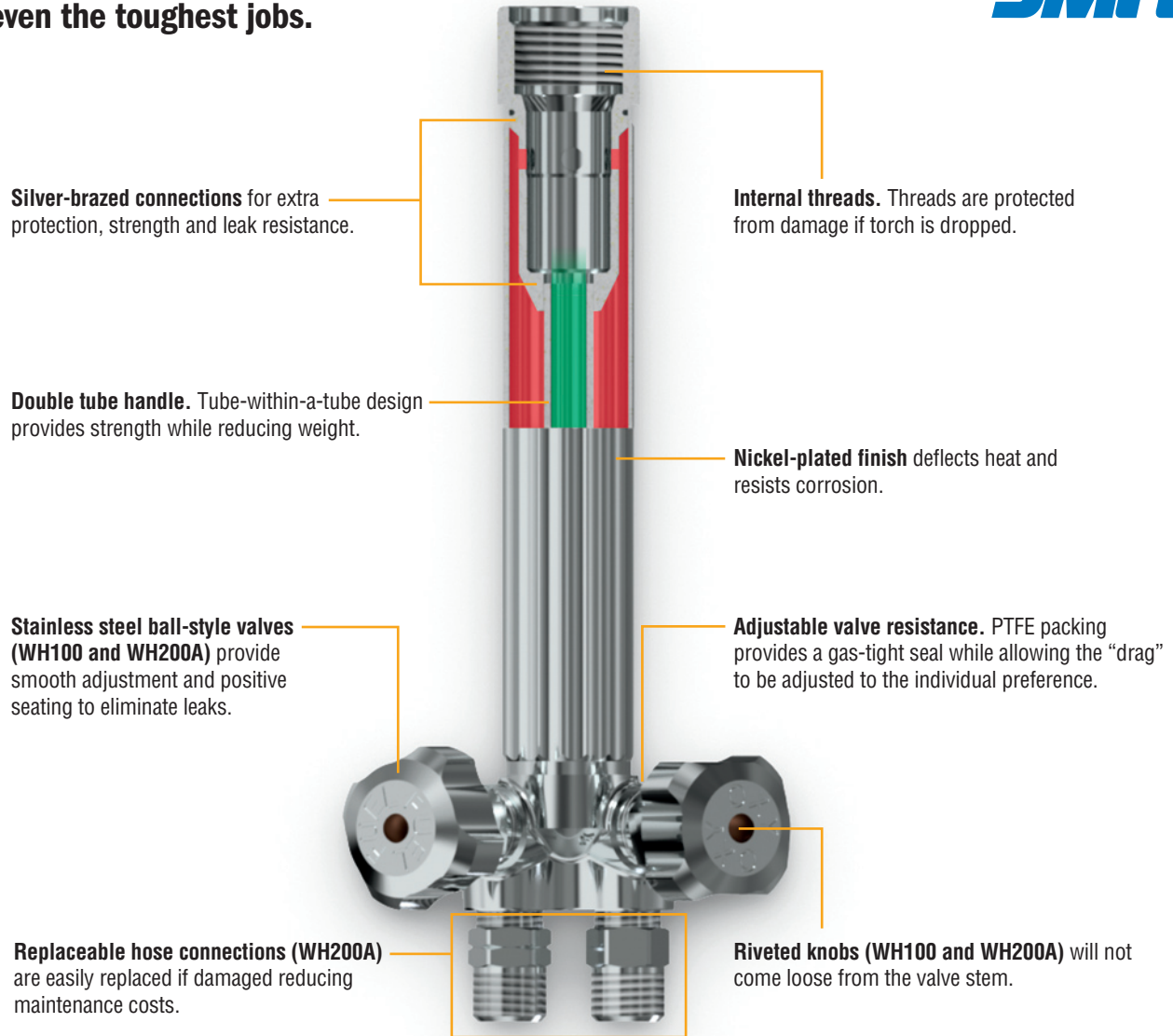


# Combination Torch Handles



<b>Quick Specs</b>	<b>Typical Applications</b>	<b>Oxy-Fuel Processes</b>	<b>Fuel Gases</b>	<b>Inlet Connections</b>
	Shipbuilding	Farm and ranch	Cutting	WH200A and WH100 models:
	Railroad	Metal fabrication	Heating	“B” size, 9/16”-18 RH and LH
	Salvage	Construction and demolition	Welding	AW1A model:
	Pipeline		Brazing	“A” size, 3/8”-24 RH and LH
			Natural gas	
			Butane	

**Safe performance and easy handling for even the toughest jobs.**



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



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



**Miller Electric Mfg. LLC**  
 An ITW Welding Company  
 1635 West Spencer Street  
 P.O. Box 1079  
 Appleton, WI 54912-1079 USA

**Equipment Sales US and Canada**  
 Phone: 866-931-9730  
 FAX: 800-637-2315  
 International Phone: 920-735-4554  
 International FAX: 920-735-4125

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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: 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

Gas Service	Cutting Attachments		Heating Tips		Welding Tips	
	Stock No.	Head Angle	Stock No.	Btu per Hour	Stock No.	Metal Thickness
Acetylene	SC205	75°	ST602	40,000	SW201	1/32 in. (0.7 mm)
	SC209	90°	ST603	72,000	SW203	5/64 in. (1.9 mm)
Propane/ natural gas			ST605*	125,000	SW205	1/8 in. (3 mm)
			ST610**	195,000	SW207	3/16 in. (5 mm)
					SW209	3/8 in. (10 mm)
Propylene					SW210	1/2 in. (13 mm)
			ST615	244,000	—	—
			ST625	455,000		
			ST635***	614,195		
Propylene			ST815	273,000	—	—
			ST615	280,000		
			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 (152 mm) thick steel with MC500 series and Toughcut™ CC509P cutting attachments.

### Materials of construction

- Handle, head, tube and butt: 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

Gas Service	Cutting Attachments		Heating Tips		Welding Tips	
	Stock No.	Head Angle	Stock No.	Btu per Hour	Stock No.	Metal Thickness
Acetylene	MC505	75°	MT603	40,125	MW201	1/32 in. (0.7 mm)
	MC509	90°	MT605	73,085	MW203	5/64 in. (1.9 mm)
	CC509P (Toughcut)	90°	MT610*	128,970	MW205	1/8 in. (3 mm)
Propane/ natural gas					MW207	3/16 in. (5 mm)
					MW209	3/8 in. (10 mm)
Propylene					MW411 (Brazing)	5/8 in. (16 mm)
			MT805	208,000	—	—
			MT615	269,000		
Propylene			MT805	280,000		
			MT615	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 welding needs.**

**Cuts up to 3-inch (76 mm) thick steel with AC309 cutting attachment.**

**Materials of construction**

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

**Specifications**

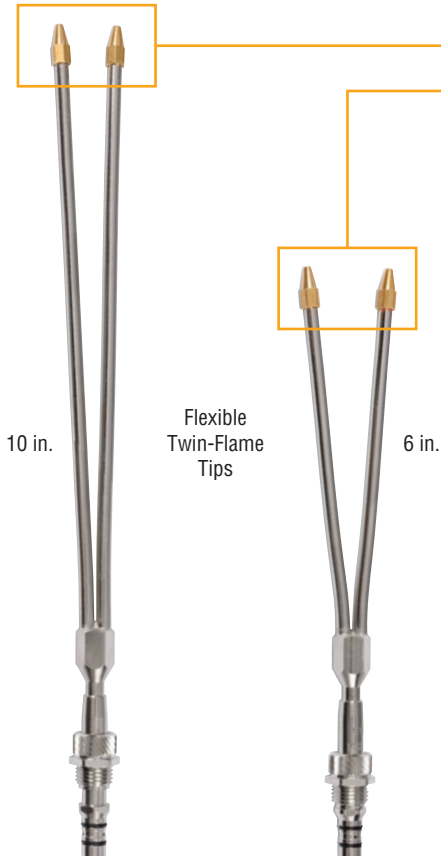
Length: 5.75 in. (146 mm)  
 Weight: 0.37 lb. (0.17 kg)  
 Handle diameter: 11/16 in. (17 mm)

**Inlet connection**

"A" size, 3/8"-24 RH and LH

Gas Service	Cutting Attachments		Heating Tips		Welding Tips	
	Stock No.	Head Angle	Stock No.	Btu per Hour	Stock No.	Metal Thickness
Acetylene	AC309	90°	AT605	41,550	AW201	1/32 in. (0.7 mm)
			AT600*	6,000	AW203	5/64 in. (1.9 mm)
			AT600X6*	6,000	AW205	1/8 in. (3 mm)
Propane/ natural gas			AT600*	27,000	—	—
			AT600X6*	27,000	—	—
Hydrogen			AT605	41,550	—	—

\*Twin-flame heating tip. Use LT100 series tip ends (LT103 tip ends are included with AT600 and AT600X6) for acetylene and NE154 tip ends for propane/natural gas (see chart below).



Gas Service	Brazing/Soldering Tip Ends		
	Stock No.	Brazing Capacity Copper Pipe Diameter	Drill Size
Acetylene	LT103	1/2–3/4 in. (12–19 mm)	63
	LT104	5/8–1 in. (16–25 mm)	56
	LT106	3/4–1-1/2 in. (19–38 mm)	52
Propane/ natural gas	NE154	7/8–1-5/8 in. (22–41 mm)	36

Twin-Flame Tip  
**AT600**  
 (includes LT103  
 tip ends)

Twin-Flame Tip  
**AT600X6**  
 (includes LT103  
 tip ends)

# Ordering Information

Combination Torch Handles	Stock No.	Description	Qty.	Price
Heavy-Duty Handle	WH200A			
Medium-Duty Handle	WH100			
Standard-Duty Handle	AW1A			
<b>Cutting Attachments</b>				
SC200 Series Heavy-Duty Cutting Attachments	SC205 SC209	For use with WH200A handle, 75° head angle For use with WH200A handle, 90° head angle		
MC500 Series Medium-Duty Cutting Attachments	MC505 MC509	For use with WH100 handle, 75° head angle, 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		
<b>Heavy-Duty Tips (for use with WH200A handle)</b>				
ST600 Series Multi-Flame Heating Tips		See page 2 for list of heavy-duty heating tips by fuel gases		
ST800 Series Multi-Flame Heating Tips		See page 2 for list of heavy-duty heating tips for propylene		
SW200 Series Welding Tips		See page 2 for list of heavy-duty welding tips for acetylene		
<b>Medium-Duty Tips (for use with WH100 handle)</b>				
MT600 Series Multi-Flame Heating Tips		See page 2 for list of medium-duty heating tips for acetylene		
MT800 Series and MT615 Multi-Flame Heating Tips		See page 2 for list of medium-duty heating tips for alternate fuels		
MW200 Series Welding Tips		See page 2 for list of medium-duty welding tips for acetylene		
Brazing Tip	MW411	For use with propane/natural gas		
<b>Standard-Duty Tips (for use with AW1A handle)</b>				
Multi-Flame Heating Tip	AT605	For use with acetylene or hydrogen		
Twin-Flame Heating Tips	AT600 AT600X6	For use with acetylene. 10 in. length with LT103 tip ends For use with acetylene. 6 in. length with LT103 tip ends		
LT100 Series Twin-Flame Heating Tip Ends		See page 3 for list of heating tip ends for acetylene		
NE150 Series Twin-Flame Heating Tip Ends		See page 3 for list of heating tip ends for alternate fuels		
AW200 Series Welding Tips		See page 3 for list of standard-duty welding tips for acetylene		
<b>Accessories</b>				
Flashback Arrestors	H743	Torch-mount flashback arrestors (pair)		
Check Valves	H697	Torch-mount reverse-flow check valves (pair)		
Twin-Hose for WH200A and WH100 Handles	TRL1131	20 ft. (6.1 m) "T"-grade twin-hose, 1/4 in. ID, "B" fittings. For all fuel gases		
Twin-Hose for WH200A Handle	RL1131	25 ft. (7.6 m) "R"-grade twin-hose, 1/4 in. ID, "B" fittings. For acetylene use only		
Twin-Hose for WH100 Handle	RL935	20 ft. (6.1 m) "R"-grade twin-hose, 3/16 in. ID, "B" fittings. For acetylene use only		
Twin-Hose for AW1A Handle	RA921	12.5 ft. (3.8 m) "R"-grade twin-hose, 3/16 in. ID, "B" and "A" fittings. For acetylene use only		
Brazing Hose for AW1A Handle	14779-4-10	10 ft. (3 m) Kevlar® twin-hose, 1/8 in. ID, "B" and "A" fittings. For acetylene use only		
<b>Replacement Parts</b>				
Valve Assembly for WH200A handle	G729-5A	Heavy-duty handle valve assembly (pair)		
Valve Assembly for WH100 handle	LW17	Medium-duty handle valve assembly (pair)		
Valve Assembly for AW1A handle	AW11A	Standard-duty handle valve assembly (pair)		
Hose Connections for WH200A handle	3060-1 3060-2	Heavy-duty handle hose connection (oxygen) Heavy-duty handle hose connection (fuel)		

Date:

Total Quoted Price:

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

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