

Heavy-Duty Outfits



HBA-40510

Combination torch outfits (acetylene or LP)

Oxy-fuel outfits include just about everything needed for your cutting, welding, brazing or heating project.

- Heavy-duty Series 40™ **OR** medium-duty Series 30™ regulators with three-year warranty
- Heavy-duty torches with lifetime warranty
- Torch-mount flashback arrestors for added safety (acetylene outfits only)
- Exclusive long-lasting Graf-Tite® soft-seat cutting tips with in-tip gas mixing for added resistance to flashbacks
- Both HBA-40510 and HBA-40300 outfits cut up to 1-1/4 inch (32 mm) with tip included, other outfits cut up to 5/8 inch (16 mm)
- All outfits cut up to 8 inches (203 mm) with optional tips



16206

16280

Combination torch and tip kits (acetylene or LP)

Combination kits are available with cutting, welding and heating tips **OR** with multiple cutting tips.

- Heavy-duty torches with lifetime warranty
- Torch-mount flashback arrestors for added safety
- Exclusive long-lasting Graf-Tite® soft-seat cutting tips with in-tip gas mixing for added resistance to flashbacks
- Cuts up to 5/8 inch (16 mm) with tip included
- Cuts up to 8 inches (203 mm) with optional tips

Cutting torch outfits (acetylene)

Hand cutting torch outfits are built for the toughest jobs.

- Corrosion-resistant regulators feature shatter-resistant polycarbonate gauge lenses
- 21-inch nickel-plated torch with lifetime warranty has reversible (top or bottom) mount cutting lever and an ease-on oxygen feature that reduces slag blowback when piercing
- Exclusive long-lasting Graf-Tite® soft-seat cutting tips with in-tip gas mixing for added resistance to flashbacks
- HBS outfits include heavy-duty Series 40™ regulators with three-year warranty and Hard Hat™ gauge/regulator guards
- HBAS outfits include medium-duty Series 30™ regulators with three-year warranty, torch-mount flashback arrestors for added safety, plus hose, lighter, safety glasses and tip cleaner
- HBS outfits cut up to 1-1/4 inch (32 mm) with tip included, HBAS outfits cut up to 5/8 inch (16 mm)
- All outfits cut up to 12 inches (305 mm) with optional tips



HBS-H510S

HBAS-30510

*Acetylene regulator has CGA 300 inlet fitting.

Heavy-duty torch tips

Stock Number	Max. Metal Thickness Inches (mm)	Cutting Jet Drill Size
Acetylene Cutting		
SC12-00	3/16 (5)	68
SC12-0	3/8 (10)	62
SC12-1	5/8 (16)	56
SC12-2	1-1/4 (32)	54
SC12-3	2 (51)	51
SC12-4	4 (102)	45
SC12-5	8 (203)	41
SC12-6	12 (305)	32
Propane/Natural Gas Cutting		
SC50-00	3/16 (5)	68
SC50-0	3/8 (10)	62
SC50-1	5/8 (16)	56
SC50-2	1-1/4 (32)	54
SC50-3	2 (51)	51
SC50-4	4 (102)	45
SC50-5	8 (203)	41
SC50-6	12 (305)	32
SC50-7	14 (354)	28
SC50-8	18 (457)	17
SC50-9	20 (508)	3
Propylene Cutting		
SC60-0	3/8 (10)	62
SC60-1	5/8 (16)	56
SC60-2	1-1/4 (32)	54
SC60-3	2 (51)	51
SC60-4	4 (102)	45
SC60-5	8 (203)	41
SC60-6	12 (305)	32

Acetylene Gouging

SC13-3	3/8 (10) wide, 1/4 (6) deep
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Propane/Natural Gas Gouging

SC23-3	3/8 (10) wide, 1/4 (6) deep
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Propylene Gouging

SC23-3M	3/8 (10) wide, 1/4 (6) deep
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Acetylene Heating

ST602	40,000 Btu
ST603	72,000 Btu
ST605	125,000 Btu
ST610	195,000 Btu

See Gas Equipment catalog (264059), or visit MillerWelds.com or your distributor for additional tips, options and accessories.

Outfit	Stock Number	Fuel	Cut Tip	Weld Tip	Heat Tip	Description	Typical Applications
Combination Torch Complete Outfits	HBA-40510	Acetylene	SC12-1	SW205	ST602	Heavy-duty combination torch, heavy-duty regulators, 25 ft. (7.6 m) hose, lighter, safety glasses, tip cleaner and flashback arrestors	Heavy fabrication, construction, pipeline, maintenance/repair, rail and truck repair
	HBA-40300*	Acetylene	SC12-2	SW205	ST602	Heavy-duty combination torch, medium-duty regulators, 25 ft. (7.6 m) hose, lighter, safety glasses, tip cleaner and flashback arrestors	
	HBA-30510	Acetylene	SC12-1	SW205	ST602	Heavy-duty combination torch, medium-duty regulators, 20 ft. (6.1 m) hose, lighter, safety glasses, tip cleaner and flashback arrestors	
	HBA-30300*	Acetylene	SC12-1	SW205	ST602	Heavy-duty combination torch, medium-duty regulators, 20 ft. (6.1 m) hose, lighter, safety glasses, tip cleaner and flashback arrestors	
Combination Torch and Tip Kits	16206	Acetylene	SC12-1	SW203	ST602	Heavy-duty combination torch and flashback arrestors	Heavy fabrication, construction, pipeline, maintenance/repair, rail and truck repair
	16280	Acetylene	SC12-0, SC12-1	—	—		
	16280LP	Propane	SC40-0, SC40-1	—	—		
Cutting Torch Outfits	HBS-H510S	Acetylene	SC12-2	—	—	Heavy-duty SC229 hand cutting torch and heavy-duty regulators with Hard Hat™ gauge guards	Heavy fabrication, construction, shipyard, rail car, rail and truck repair
	HBAS-30510	Acetylene	SC12-1	—	—	Heavy-duty SC229 hand cutting torch, medium-duty regulators, 20 ft. (6.1 m) hose, lighter, safety glasses, tip cleaner and flashback arrestors	

Medium-Duty Outfits



MBA-30510

Combination torch outfits (acetylene or LP)

Oxy-fuel outfits include just about everything needed for your cutting, welding, brazing or heating project.

- Medium-duty Series 30™ regulators with three-year warranty
- Medium-duty torches with lifetime warranty
- Torch-mount flashback arrestors for added safety (acetylene outfits only)
- Exclusive long-lasting Graf-Tite® soft-seat cutting tips with in-tip gas mixing provides for resistance to flashbacks
- Cuts up to 5/8 inch (16 mm) with tip included
- Cuts up to 6 inches (153 mm) with optional tips



16205

16281

Combination torch and tip kits (acetylene or LP)

Combination kits are available with cutting, welding and heating tips **OR** with multiple cutting tips.

- Medium-duty torches with lifetime warranty
- Torch-mount flashback arrestors for added safety
- Exclusive long-lasting Graf-Tite® soft-seat cutting tips with in-tip gas mixing for added resistance to flashbacks
- Cuts up to 5/8 inch (16 mm) with tip included
- Cuts up to 6 inches (153 mm) with optional tips



MB55A-510

Toughcut™ combination torch outfits (acetylene or LP)

Economy outfits include many features found on more expensive outfits.

- Medium-duty Series 30™ regulators and medium-duty torches with three-year warranty
- Check valves for added safety and torch life
- Exclusive long-lasting Graf-Tite® soft-seat cutting tips with in-tip gas mixing for added resistance to flashbacks
- Cuts up to 5/8 inch (16 mm) with tip included
- Cuts up to 6 inches (153 mm) with optional tips



Tag-A-Long TL-550

Versa-Torch VT-4T

Tag-A-Long™ and Versa-Torch™ portable outfits (acetylene)

Complete, portable outfits housed in carriers designed for mobility and ease of storage, plus long-lasting Graf-Tite® soft-seat cutting tips and check valves for added safety and torch life.

- Tag-A-Long includes medium-duty Series 30™ regulators and medium-duty torch with three-year warranties
- Versa-Torch includes Series 30™ regulators with three-year warranty and standard-duty torch with lifetime warranty

*Acetylene regulator has CGA 300 inlet fitting.

Medium-duty torch tips

Stock Number	Max. Metal Thickness Inches (mm)	Cutting Jet Drill Size
Acetylene Cutting		
MC12-00	3/16 (5)	68
MC12-0	3/8 (10)	62
MC12-1	5/8 (16)	55
MC12-2	1 (25)	54
MC12-3	2 (51)	51
MC12-4	4 (102)	45
MC12-5	6 (152)	41
Propane/Natural Gas Cutting		
MC40-00	3/16 (5)	68
MC40-0	3/8 (10)	62
MC40-1	5/8 (16)	55
MC40-2	1-1/4 (32)	54
MC40-3	2 (51)	51
MC40-4	4 (102)	51
Propylene Cutting		
MC60-1	5/8 (16)	55
MC60-2	1-1/4 (32)	54
MC60-3	2 (51)	51
MC60-4	4 (102)	45

Acetylene Gouging		
MC13-3	3/8 (10) wide, 1/4 (6) deep	

Note: Tips above fit medium- and standard-duty torches.

Acetylene Heating	
MT603	40,000 Btu
MT605	73,000 Btu
MT610	129,000 Btu

See Gas Equipment catalog (264059), or visit MillerWelds.com or your distributor for additional tips, options and accessories.

Outfit	Stock Number	Fuel	Cut Tip	Weld Tip	Heat Tip	Description	Typical Applications
Combination Torch Complete Outfits	MBA-30510	Acetylene	MC12-0	MW205	MT603	Medium-duty combination torch, medium-duty regulators, 20 ft. (6.1 m) hose, lighter, safety glasses, tip cleaner and flashback arrestors	Fabrication, farm and ranch, pipe, truck and auto, refrigeration, maintenance/repair
	MBA-30300*		MC12-1				
	MBA-30510LP	Propane	MC40-1	—	MT805	Medium-duty combination torch, medium-duty regulators, 20 ft. (6.1 m) "T"-grade hose, lighter, safety glasses, tip cleaner and check valves	
Combination Torch and Tip Kits	16205	Acetylene	MC12-1	MW203	MT603	Medium-duty combination torch and flashback arrestors	Fabrication, farm and ranch, pipe, truck and auto, refrigeration, maintenance/repair
	16281	Acetylene	MC12-0, MC12-1	—	—		
	16281LP	Propane	MC40-0, MC40-1	—	—		
Toughcut Economy Combination Torch Outfits	MB55A-510	Acetylene	MC12-1	MW205	MT603	Medium-duty combination torch, medium-duty regulators, 20 ft. (6.1 m) hose, lighter, safety glasses and check valves	Fabrication, farm and ranch, pipe, truck and auto, refrigeration, maintenance/repair
	MB55A-300*						
	MB54A-510	Acetylene	MC12-1	MW205	—	Medium-duty combination torch, medium-duty regulators, safety glasses and check valves	
	MB54A-300*						
	MB54-510L	Acetylene	MC12-1	MW205	—	Medium-duty combination torch, medium-duty regulators, safety glasses and check valves	
MB54-300L*							
MB54A-510LP	Propane	MC40-1	—	—	Medium-duty combination torch, medium-duty regulators, 20 ft. (6.1 m) "T"-grade hose, lighter, safety glasses and check valves		
Combination Torch Portable Outfits	TL-500 (no tanks)	Acetylene	MC12-0	MW203	—	Medium-duty (TL500/TL550) or standard-duty (VT-4T) combination torch, medium-duty regulators, 12.5 ft. (3.8 m) hose, carrier, lighter, safety glasses, check valves and cylinders (cylinders NOT included with TL-500)	Farm and ranch, hobby, DIY, auto, refrigeration, maintenance/repair
	TL-550						
	VT-4T	Acetylene	MC12-00	LT103, LT104, LT106	13716		