

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 a three-year warranty
- Heavy-duty torches with a five-year 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

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 a five-year 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 a five-year 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 a three-year warranty and Hard Hat™ gauge/regulator guards
- HBAS outfits include medium-duty Series 30™ regulators with a 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



16206



16280



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 |

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| 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 |

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|--------------------------|------------|----|
| 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 Welding | | |
| SW201 | 1/32 in. (0.7 mm) | |
| SW203 | 5/64 in. (1.9 mm) | |
| SW205 | 1/8 in. (3 mm) | |
| SW207 | 3/16 in. (5 mm) | |
| SW209 | 3/8 in. (10 mm) | |
| SW210 | 1/2 in. (13 mm) | |

| | | |
|--------------------------|-------------|--|
| Acetylene Heating | | |
| ST602 | 40,000 Btu | |
| ST603 | 72,000 Btu | |
| ST605 | 125,000 Btu | |
| ST610 | 195,000 Btu | |

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* | | SC12-2 | | | | |
| | HBA-30510 | Acetylene | SC12-1 | SW205 | ST602 | Heavy-duty combination torch, medium-duty regulators, 25 ft. (7.6 m) hose, lighter, safety glasses, tip cleaner and flashback arrestors | |
| | HBA-30300* | | | | | | |
| | HBA-30510LP | Propane | SC40-1 | — | ST615 | Heavy-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 | 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 | — | — | | |
| 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 |
| | HBS-H300S* | | | | | | |
| | | HBAS-30510 | Acetylene | SC12-1 | — | — | |
| | HBAS-30300* | | | | | | |