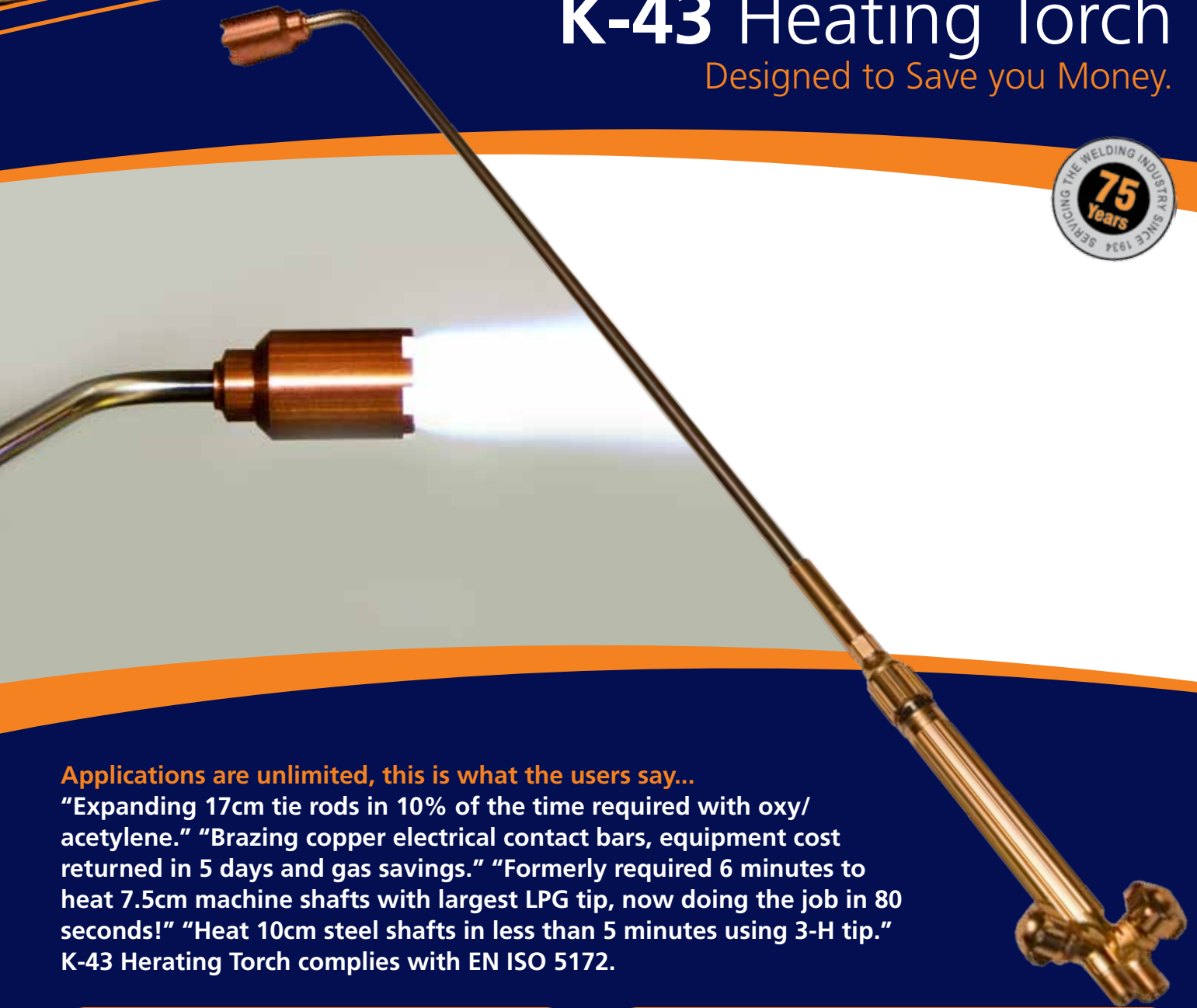


# K-43 Heating Torch

Designed to Save you Money.



**Applications are unlimited, this is what the users say...**

"Expanding 17cm tie rods in 10% of the time required with oxy/acetylene." "Brazing copper electrical contact bars, equipment cost returned in 5 days and gas savings." "Formerly required 6 minutes to heat 7.5cm machine shafts with largest LPG tip, now doing the job in 80 seconds!" "Heat 10cm steel shafts in less than 5 minutes using 3-H tip." K-43 Heating Torch complies with EN ISO 5172.

#### FEATURES

- Unique Lincoln tip burns with increased velocity for maximum heat transfer rate
- Stainless steel tip tube gives strength where needed
- Large flow mixer safely mixes over wide range of flows.

#### BENEFITS

- Designed to burn enormous quantities of oxy/propane or oxy/natural gas - FAST!
- With faster heat input, time is saved and less gas is wasted.
- Safer operation - virtually impossible to back-fire.



Gas Cutting and Welding Equipment



**086 123 WELD**

# K-43 Heating Torch



## 43-2 Lincoln's Best Torch Handle

- Entire torch handle solderless construction. No special tools nor heat required to disassemble or repair. All joints sealed with "O" rings.
- Stainless steel head and solid design mean long, trouble-free life.



## Mixers

- F-43 for fuel gases over 0.5 bar
- Mixer designed for low pressure natural gas from 0.015 bar.
- Do not use tip #2290-5H with low pressure

## Important Information

1. For maximum flow always use 10mm hose.
2. For best results, operate all tips to capacity (see chart for pressures)
3. To prevent freezing, manifold oxygen and propane cylinders for high, continuous flow. For example, a 20kg propane cylinder should deliver a maximum 1m<sup>3</sup>/hr.
4. To manifold 2290 tips together, order 2327 coupling, 2357 nipples and use standard 1/4" pipe fittings.

## 2290-H Tips

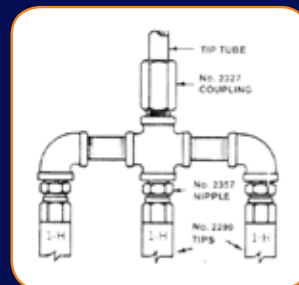
Specially designed flame release slots prevent forced flash back oxy/fuel gas,



## Tip Tubes

Take advantage of a wide range of lengths to select the best for each job.

Flame Cleaning Tip Chart				
Tip Size	Oxygen		Propane	
	Pressure Bar	Flow Lt./Hr	Pressure Bar	Flow Lt./Hr
RBP-2	0.5 - 1	2.550 / 3.400	0.5	750 - 1.050
RBP-4	1 - 1.5	6.350 / 8.500	0.5 - 1	1.850 - 2.500
RBP-6	2 - 3	13.900 / 18.100	1 - 1.5	1.850 - 4.150



Heating Tip Chart - Oxy/Propane					
Tip Size	Oxygen		Propane		Heat Output calories/Hr
	Pressure Bar	Flow Lt./Hr	Pressure Bar	Flow Lt./Hr	
2290-1H	1 - 2	4.000 - 7.000	0.5	1.000 - 2.000	22.3 x 10 <sup>6</sup> - 44.6 x 10 <sup>6</sup>
2290-2H	2 - 3	5.900 - 12.800	0.5	1.500 - 3.200	33.5 x 10 <sup>6</sup> - 71.4 x 10 <sup>6</sup>
2290-3H	2 - 5	8.500 - 22.900	1	2.200 - 5.700	49.0 x 10 <sup>6</sup> - 127.1 x 10 <sup>6</sup>
2290-4H	3-6	14.000 - 28.400	1	3.600 - 7.100	80.3 x 10 <sup>6</sup> - 158.0 x 10 <sup>6</sup>
2290-5H	4 - 8	17.000 - 39.700	1 - 2	4.300 - 10.000	96.0 x 10 <sup>6</sup> - 223.0 x 10 <sup>6</sup>

Note: When using natural gas, oxygen flow does not change, but fuel gas flow is doubled.



Gas Cutting and Welding Equipment

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