

Model 62-5E



Management
System
ISO 9001:2008

www.tuv.com
ID 9105071476

Industrial cutting torch for the professionals



Hand cutting equal pressure "E" torch for Acetylene and Alternative fuels.

This hand torch is the industry standard by which all other designs are compared. It is less expensive to own and operate and safer to use.

ADVANTAGES:

- ▶ One torch to be used with all fuel gases.
- ▶ Heats and cuts fast.
- ▶ Though design lasts longer.
- ▶ Simple to repair.
- ▶ The same torch can be used for cutting, heating and gouging.
- ▶ Spare parts and accessories easily available.
- ▶ It offers maximum safety.
- ▶ World-wide reputation as the best torch.

OTHER FEATURES:

- ▶ Cuts up to 300 mm steel with oxy-acetylene.
- ▶ Cuts up to 200 mm steel with oxy-propane and oxy-natural gas.
- ▶ Fuel gas pressure from 0,3 bar.
- ▶ Solid forged head and lever resist abuse and distortion.
- ▶ Compact and lightweight triangular tube design with exceptional strength and rigidity.
- ▶ Brazed connections prevent leaks.
- ▶ Ease-on oxygen for smoother starts.
- ▶ Head mixing and equal pressure design for maximum operator safety.
- ▶ Lever positioned underneath.
- ▶ Simply change tip for cutting, heating or gouging.
- ▶ Replaceable mixer.
- ▶ Produced in European Union.
- ▶ Use with 6290 tips.
- ▶ Available with G 3/8" inlet threads, add "GB" to product code when ordering.



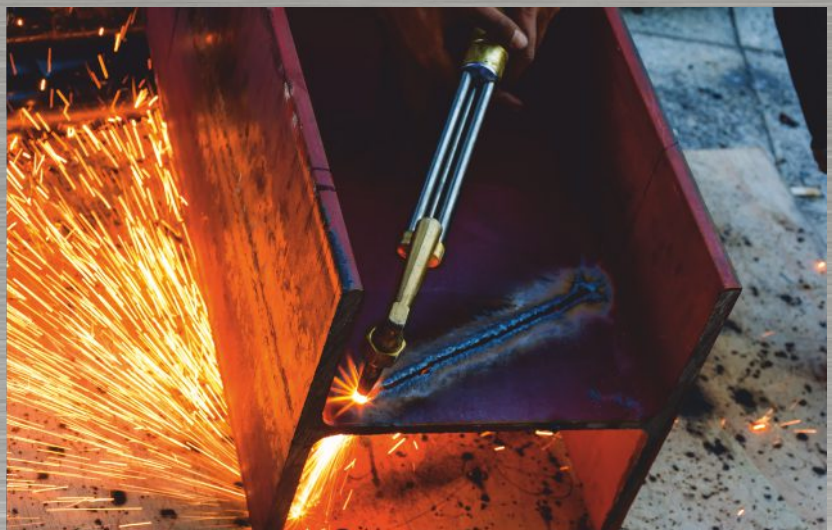
70° Head



180° Head

62-5E EQUAL PRESSURE "E" TORCHES (FOR ACETYLENE AND ALTERNATIVE FUELS)

90° HEAD		70° HEAD		LENGTH (mm)
PART No.	WEIGHT (kg)	PART No.	WEIGHT (kg)	
62-5E	1,27	62-5AE	1,25	460
62-5EL	1,32	62-5AEL	1,31	530
62-5EL-1000	1,73	62-5AEL-1000	1,58	900



ACETYLENE CUTTING TIPS

General Preheat 6290 One Piece Oxy-Acetylene Tip Chart

PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	ACETYLENE EQUAL PRESSURE (bar)
6290-000	0 - 5	1,0 - 2,0	0,3 - 0,8
6290-00	5 - 10	1,0 - 2,0	
6290-0	10 - 15	1,5 - 2,5	
6290-1	15 - 25	2,0 - 3,5	
6290-2	25 - 50	3,0 - 4,5	
6290-3	50 - 100	3,0 - 4,5	
6290-4	100 - 175	3,5 - 5,5	



6290 One Piece



6290-AC Two Piece, plated shell

Heavy Preheat 6290-AC Two Piece Oxy-Acetylene Tip Chart

PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	ACETYLENE EQUAL PRESSURE (bar)
6290-00AC	5 - 10	1,0 - 2,0	0,3 - 0,8
6290-0AC	10 - 15	1,5 - 2,5	
6290-1AC	15 - 25	2,0 - 3,5	
6290-2AC	25 - 50	3,0 - 4,5	
6290-3AC	50 - 100	3,0 - 4,5	
6290-4AC	100 - 175	3,5 - 5,5	
6290-5AC	175 - 250	4,5 - 5,5	
6290-6AC	250 - 300	5,0 - 6,5	



6290-G 6290-R

Heavy Preheat 6290-S One Piece Oxy-Acetylene Tip Chart

PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	ACETYLENE EQUAL PRESSURE (bar)
6290-1S	15 - 25	2,0 - 3,5	0,3 - 0,8
6290-2S	25 - 50	3,0 - 4,5	
6290-3S	50 - 100	3,0 - 4,5	
6290-4S	100 - 175	3,5 - 5,5	
6290-5S	175 - 250	4,5 - 5,5	
6290-6S	250 - 300	5,0 - 6,5	

6290 Oxy-Acetylene Specialty Tip Chart

PART No.	APPLICATION	OXYGEN (bar)	ACETYLENE EQUAL PRESSURE (bar)
6290-1G	Gouging Wide 3x6 mm	2,5	0,3 - 0,8
6290-2G	Gouging Wide 5x10 mm	3,5	
6290-3G	Gouging Wide 6x13 mm	3,5	
6290-R	Rivet Cutting	3,0	

ALTERNATIVE FUEL CUTTING TIPS

General Preheat 6290-NX Oxy-Propane, Natural Gas Tip Chart

PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	FUEL GAS EQUAL PRESSURE (bar)	FUEL GAS LOW PRESSURE (bar)
6290-000NX	0 - 5	1,0 - 2,0	0,3 - 0,8	0,015 - 0,2
6290-00NX	5 - 10	1,5 - 2,0		
6290-0NX	10 - 15	2,0 - 3,0		
6290-1NX	15 - 25	2,5 - 3,5		
6290-2NX	25 - 50	3,0 - 4,0		
6290-3NX	50 - 75	3,0 - 4,5		
6290-4NX	75 - 150	3,5 - 5,5		
6290-5NX	150 - 200	4,5 - 5,5		
6290-6NX	200 - 300	5,0 - 6,5		



6290-NX



6290-NFF

Heavy Preheat 6290-NFF Oxy-Propane, Natural Gas Tip Chart

PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	FUEL GAS EQUAL PRESSURE (bar)	FUEL GAS LOW PRESSURE (bar)
6290-1NFF	6 - 25	2,5 - 3,5	0,3 - 0,8	0,015 - 0,2
6290-2NFF	25 - 50	3,0 - 4,0		
6290-3NFF	50 - 75	3,0 - 4,5		
6290-4NFF	75 - 150	3,5 - 5,5		
6290-5NFF	150 - 200	4,5 - 5,5		

6290-GG 6290-2NFFR



6290-NFW

6290-NXPM Oxy-MAPP® and Oxy-Propylene Tip Chart

PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	FUEL GAS EQUAL PRESSURE (bar)	FUEL GAS LOW PRESSURE (bar)
6290-000NXPM	0 - 5	1,0 - 2,0	0,3 - 0,8	0,015 - 0,2
6290-00NXPM	5 - 10	1,5 - 2,0		
6290-0NXPM	10 - 15	2,0 - 3,0		
6290-1NXPM	15 - 25	2,5 - 3,5		
6290-2NXPM	25 - 50	3,0 - 4,0		
6290-3NXPM	50 - 75	3,0 - 4,5		
6290-4NXPM	75 - 150	3,5 - 5,5		
6290-5NXPM	150 - 200	4,5 - 5,5		
6290-6NXPM	200 - 300	5,0 - 6,5		

6290 Oxy-Propane, Propylene, Natural Gas & MAPP® Gas Specialty Tip Chart

PART No.	APPLICATION	OXYGEN (bar)	FUEL GAS EQUAL PRESSURE (bar)
6290-1GG	Gouging 3x6 mm wide	2,5	0,3 - 0,8
6290-2GG	Gouging 5x10 mm wide	3,5	
6290-3GG	Gouging 6x13 mm wide	3,5	
6290-4GG	Gouging 10x19 mm wide	4,0	
6290-2NFFR	Rivet cutting	3,0	
6290-NFW	Rivet washing	3,5	

ALTERNATIVE FUEL HEATING TIPS



H-62-P

PART No.	PRESSURE (bar)		FLOW (L/h)		APPROX. HEATING OUTPUT (Kcal/h)
	OXYGEN	FUEL GAS	OXYGEN	PROPANE	
H-62-1P	3,0	0,5	4000-7000	1000-2000	22300-44600
H-62-2P	3,5	0,5	5900-12800	1500-2200	38500-71400
H-62-3P	4,0	1,0	8500-22900	2200-5700	49000-127100

Cleaning Instructions: Use Tip Cleaner C-9

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