

Model 980



Management
System
ISO 9001:2008

www.tuv.com
ID 9105071476

Professional Hand Cutting Torch



Features:

- ▶ Cuts up to 200 mm;
- ▶ Operates with acetylene or alternative fuel;
- ▶ Solid forged head;
- ▶ Protected internal tip nut threads;
- ▶ Needle valves for accurate flame control;
- ▶ Stainless steel cutting lever with „hold-on” button;
- ▶ „Ease-on” cutting oxygen valve for smoother start;
- ▶ Side valves at rear of torch as preferred by many users;
- ▶ Three in line stainless steel tubes for strength and better visibility;
- ▶ Metal handle coated with tough black polyurethane for long life;
- ▶ Use with 6290 tips.

980 EQUAL PRESSURE “E” TORCH (FOR ACETYLENE)

90° HEAD		LENGHT (mm)
PART No.	WEIGHT (kg)	
980	1,11	480

980-F LOW PRESSURE “F” INJECTOR TORCH (FOR MAXIMUM PERFORMANCE ALTERNATIVE FUELS)

90° HEAD		LENGHT (mm)
PART No.	WEIGHT (kg)	
980-F	1,09	480



ACETYLENE CUTTING TIPS

General Preheat 6290
One Piece Oxy-Acetylene
Tip Chart



PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	ACETYLENE EQUAL PRESSURE (bar)	ACETYLENE LOW PRESSURE (bar)
6290-000	0 - 5	1,0 - 2,0	0,3 - 0,8	0,015 - 0,2
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		

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



PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	ACETYLENE EQUAL PRESSURE (bar)	ACETYLENE LOW PRESSURE (bar)
6290-1S	15 - 25	2,0 - 3,5	0,3 - 0,8	0,015 - 0,2
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		

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



PART No.	PLATE THICKNESS (mm)	OXYGEN (bar)	ACETYLENE EQUAL PRESSURE (bar)	ACETYLENE LOW PRESSURE (bar)
6290-00AC	5 - 10	1,0 - 2,0	0,3 - 0,8	0,015 - 0,2
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		

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		

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-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		