



Gas Control Equipment



CUTTING TORCH

R8™ ORIGINAL

The R8™ is a robust cutting torch with a double injector system for precise mixing of oxygen and fuel gas and with higher safety features. R8™ cutting torch is possible to use with common fuel gases which it's designed for. Setting of the cutting oxygen flow is done by the well-designed trim valve for easy operation.

The R8™ is a perfect solution for all industrial cutting applications.

The R8™ fully meets the requirements of EN ISO 5172 and is manufactured according to the Quality Management System ISO 9001.



ADVANTAGES

- Cutting capacity up to **300 mm**
- A mixing system designed for **increased resistance against flashbacks**
- **Robust and forged body/head** for longer product lifetime
- Well designed and **ergonomic handle** for better grip
- Due to the short head it's possible **to use** this cutting torch **in narrow areas** (places)
- **Ergonomic handwheels and trim valves**

TECHNICAL DATA

Weight	1,2/1,5 kg
Length	520/910 mm
Connections	G1/4", G3/8"LH
Standards	EN ISO 5172
Type	Injector
Fuel Gases	Acetylene, Propane



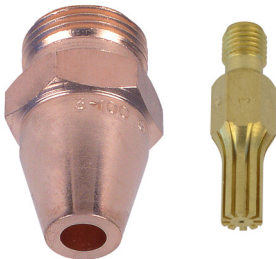
R8™ CUTTING TORCH G1/4", G3/8" LH

Article Number	Gas	Thickness (mm)	Length (mm)	Head Angle	Thread of Head	Complementary Cutting nozzles	Accessories included
G0767571	Acetylene	0-300	520	90°	Cutting M8x1 Heating M20x1,5	R70 AC, 459 AC	Non-return valve/BV12 Spanner
G0767574	Acetylene	0-300	910	90°	Cutting M8x1 Heating M20x1,5	R70 AC, 459 AC	Non-return valve/BV12 Spanner
G0767578	Acetylene	0-300	520	90°	Cutting M8x1,25 Heating M20x1,5	459 PL AC	Non-return valve/BV12 Spanner, 7 cutting nozzles, 2 heating nozzles
G0767587	Acetylene	0-300	520	90°	Nozzle Nut W17,5x1/19"	L	Non-return valve/BV12 Spanner
G0767575	Propane	0-300	520	90°	Cutting M8x1 Heating M20x1,5	R70 PB, 459 PB	Non-return valve/BV12 Spanner
G0767576	Propane	0-300	910	90°	Cutting M8x1 Heating M20x1,5	R70 PB, 459 PB	Non-return valve/BV12 Spanner
G0767579	Propane	0-300	520	90°	Cutting M8x1,25 Heating M20x1,5	459 PL PB	Non-return valve/BV12 Spanner, 7 cutting nozzles, 2 heating nozzles
G0767589	Propane	0-300	520	90°	Nozzle Nut W17,5x1/19"	L	Non-return valve/BV12 Spanner



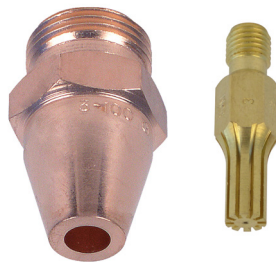
CUTTING NOZZLES

459 NOZZLES WITH SPECIAL HEATING CHANNELS
ACETYLENE CUTTING AND HEATING NOZZLES



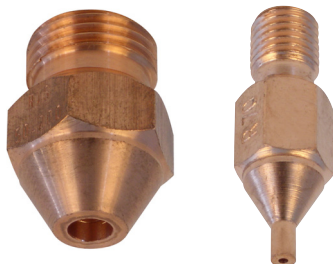
Article number	Type	Thickness (mm)	Pressure Oxygen (bar)	Gas Pressure (bar)	Consumption Oxygen (m³/h)	Consumption Acetylene (m³/h)	Pack (pcs)
B378630	Cutting	3-8	4,0	0,2-1,0	1,6-2,1	0,6-0,8	10
B378640	Cutting	5-15	4,0	0,2-1,0	2,7-4,0	0,7-0,9	10
B378650	Cutting	15-30	4,0	0,2-1,0	4,0-5,0	0,9-1,2	10
B378660	Cutting	30-60	4,0	0,2-1,0	5,1-6,8	0,8-1,2	10
B378670	Cutting	60-100	5,0	0,2-1,0	8,3-10,7	1,1-1,3	10
B378680	Cutting	100-200	7,5	0,3-1,0	13,7-18,4	1,2-1,6	10
B378690	Cutting	200-300	9,0	0,3-1,0	22,6-29,1	1,5-1,9	10
9378740CP	Heating	3-100					1
9378750CP	Heating	100-300					1

459 NOZZLES WITH SPECIAL HEATING CHANNELS
PROPANE/NATURAL GAS CUTTING AND HEATING NOZZLES



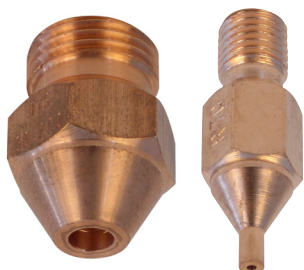
Article number	Type	Thickness (mm)	Pressure Oxygen (bar)	Gas Pressure (bar)	Consumption Oxygen (m³/h)	Consumption Fuel Gas (m³/h)	Pack (pcs)
B378560	Cutting	3-8	4,0	0,2-1,0	2,1	0,4-0,9	10
B378570	Cutting	5-15	4,0	0,2-1,0	2,9	0,4-0,9	10
B378580	Cutting	15-30	4,0	0,2-1,0	4,5	0,4-0,9	10
B378590	Cutting	30-60	4,0	0,2-1,0	6,7	0,4-0,9	10
B378600	Cutting	60-100	5,0	0,2-1,0	11,3	0,5-1,2	10
B378610	Cutting	100-200	7,5	0,2-1,0	18,3	0,6-1,6	10
B378620	Cutting	200-300	9,0	0,2-1,0	34,4	0,7-1,8	10
9378760CP	Heating	3-100					1
9378770CP	Heating	100-300					1

R70 SPECIAL INTERMEDIATE NOZZLES
ACETYLENE CUTTING AND HEATING NOZZLES

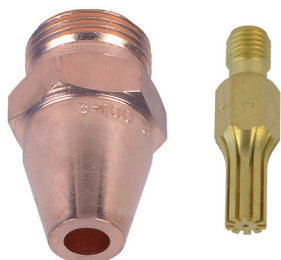


Article number	Type	Thickness (mm)	Pressure Oxygen (bar)	Gas Pressure (bar)	Consumption Oxygen (m³/h)	Consumption Acetylene (m³/h)	Pack (pcs)
B376180	Cutting	3-10	2,0-3,0	0,2-1,0	1,6-2,1	0,6-0,8	10
B376190	Cutting	10-25	2,5-4,0	0,2-1,0	2,7-4,0	0,7-0,9	10
B376200	Cutting	25-50	3,5-5,0	0,2-1,0	5,1-6,8	0,8-1,2	10
B376210	Cutting	50-100	4,5-6,0	0,2-1,0	8,3-10,7	1,1-1,3	10
B376220	Cutting	100-200	5,5-7,5	0,3-1,0	13,7-18,4	1,2-1,6	10
B376230	Cutting	200-300	7,0-9,0	0,3-1,0	22,6-29,1	1,5-1,9	10
9375710CP	Heating	3-25					1
9375720CP	Heating	25-100					1
9375730CP	Heating	100-300					1

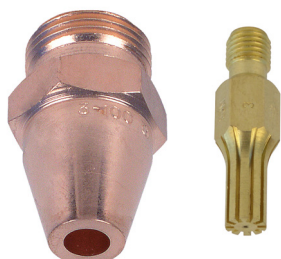
CUTTING NOZZLES

R70 SPECIAL INTERMEDIATE NOZZLES
PROPANE CUTTING AND HEATING NOZZLES

Article number	Type	Thickness (mm)	Pressure Oxygen (bar)	Gas Pressure (bar)	Consumption Oxygen (m³/h)	Consumption Propane (m³/h)	Pack (pcs)
B376180	Cutting	3-10	2,0-3,0	0,1-1,0	1,8-2,4	0,2-0,3	10
B376190	Cutting	10-25	2,5-4,0	0,1-1,0	3,1-4,4	0,2-0,4	10
B376200	Cutting	25-50	3,5-5,0	0,1-1,0	5,3-7,2	0,3-0,4	10
B376210	Cutting	50-100	4,5-6,0	0,1-1,0	8,6-11,2	0,4-0,5	10
B376220	Cutting	100-200	5,5-7,5	0,1-1,0	14,2-19,0	0,4-0,6	10
B376230	Cutting	200-300	7,0-9,0	0,1-1,0	23,2-29,8	0,5-0,8	10
9377680CP	Heating	3-25					1
9377700CP	Heating	25-100					1
9377690CP	Heating	100-300					1

459 PL NOZZLES WITH SPECIAL HEATING CHANNELS
ACETYLENE CUTTING AND HEATING NOZZLES

Article number	Type	Thickness (mm)	Pressure Oxygen (bar)	Gas Pressure (bar)	Consumption Oxygen (m³/h)	Consumption Acetylene (m³/h)	Pack (pcs)
9383020P	Cutting	3-8	4,0	0,2-1,0	1,6-2,1	0,6-0,8	10
9383030P	Cutting	5-15	4,0	0,2-1,0	2,7-4,0	0,7-0,9	10
9430690	Cutting	15-30	4,0	0,2-1,0	4,0-5,0	0,9-1,2	10
9383050P	Cutting	30-60	4,0	0,2-1,0	5,1-6,8	0,8-1,2	10
9383060P	Cutting	60-100	5,0	0,2-1,0	8,3-10,7	1,1-1,3	10
9383070P	Cutting	100-200	7,5	0,3-1,0	13,7-18,4	1,2-1,6	10
9383080P	Cutting	200-300	9,0	0,3-1,0	22,6-29,1	1,5-1,9	10
9378740CP	Heating	3-100					1
9378750CP	Heating	100-300					1

459 PL NOZZLES WITH SPECIAL HEATING CHANNELS
PROPANE/NATURAL GAS CUTTING AND HEATING NOZZLES

Article number	Type	Thickness (mm)	Pressure Oxygen (bar)	Gas Pressure (bar)	Consumption Oxygen (m³/h)	Consumption Fuel Gas (m³/h)	Pack (pcs)
9383150P	Cutting	3-8	4,0	0,2-1,0	2,1	0,4-0,9	10
9383160P	Cutting	5-15	4,0	0,2-1,0	2,9	0,4-0,9	10
9430680	Cutting	15-30	4,0	0,2-1,0	4,5	0,4-0,9	10
9383180P	Cutting	30-60	4,0	0,2-1,0	6,7	0,4-0,9	10
9430770	Cutting	60-100	5,0	0,2-1,0	11,3	0,5-1,2	10
9383200P	Cutting	100-200	7,5	0,2-1,0	18,3	0,6-1,6	10
9383210P	Cutting	200-300	9,0	0,2-1,0	34,4	0,7-1,8	10
9378760CP	Heating	3-100					1
9378770CP	Heating	100-300					1

CUTTING NOZZLES



“LS“ ACETYLENE CUTTING NOZZLES

Article number	Code	Thickness (mm)	Pressure Oxygen (bar)	Gas Pressure (bar)	Consumption Oxygen (m³/h)	Consumption Fuel Gas (m³/h)
14001108	LS1	3-8	2-3	0,3-0,8	1,5-2,0	0,36
14001109	LS2	8-20	2-3	0,3-0,8	2,0-3,0	0,55
14001110	LS3	20-50	2-4	0,3-0,8	3,0-5,0	0,6
14001111	LS4	50-100	3-5	0,3-0,8	7,0-10,0	0,8
14001112	LS5	100-200	4-6	0,5-0,8	12,0-20,0	1,0
14001113	LS6	200-300	4-7	0,5-0,8	25,0-30,0	1,2



“LH“ PROPANE CUTTING NOZZLES

Article number	Code	Thickness (mm)	Pressure Oxygen (bar)	Gas Pressure (bar)	Consumption Oxygen (m³/h)	Consumption Fuel Gas (m³/h)
14001117	LH1	3 - 8	4	0,1-1,0	2,0-6,0	0,5-0,9
14001118	LH2	8 - 20	4	0,1-1,0	2,0-6,0	0,5-0,9
14001119	LH3	20 - 50	4	0,1-1,0	2,0-6,0	0,5-0,9
14001120	LH4	50 - 100	3,5-5,5	0,1-1,0	11,0	0,5-1,1
14001121	LH5	100 - 200	4,5-6,5	0,1-1,0	15,0-20,0	1,6
14001122	LH6	200 - 300	6,5-8,5	0,1-1,0	15,0-25,0	0,8-1,8



“L“ HEATING NOZZLES

Article number	Code	Thickness (mm)	Gas
14001114	LS1-4	3 - 100	Fuel Gas
14001123	LS5-6	100-300	Acetylene
14001115	LH5-6	100-300	Propane

ACCESSORIES



ACCESSORIES FOR R8™ CUTTING TORCH

Article number	Product Description
9548600	Circle cutting device for nozzles 459
9542701P	Circle cutting device for nozzles R70
9380450	Cutting guide for nozzles 459
9409100	Cutting guide for nozzles R70
F22310034	Cutting guide for „L“ nozzles
F22510004	Circle cutting device for „L“ nozzles

