

COMPOSIZIONE PER SALDARE

Interchangeable torch spears


- Universal use.
- Welding, brazing and cutting thicknesses from 0.4 to 175 mm.
- One-piece body forged aluminum.
- Detachable hose for 6 to 10mm.

Code	Desc.
4020002700	553

Lance for welding and braze welding


- For acetylene.
- To handle n / s art. 402 00 02700-553.

Code	Descr. Lt/h	Spessore saldabile
4020001500	40 LT	0,4 mm
4020001600	80 LT	0,8 mm
4020001700	160 LT	2 mm
4020001800	225 LT	3 mm
4020001900	315 LT	4 mm
4020002000	500 LT	5 mm
4020002050	800 LT	8 mm

Replacement tips for spears by welding


- For acetylene.
- Caution: Do not mount the lance tips of magnitude different from the original, the sizes printed on the tip and on the lance must match.

Code	Desc.	Spessore saldabile
4020005200	540393	0,4 mm
4020005300	540401	0,8 mm
4020005400	540419	2 mm
4020005500	540427	3 mm
4020005600	540435	4 mm
4020005700	540476	5 mm
4020005800	540484	8 mm

Cutting Attachment tap



- Cutting lance with standard tap water, mixing system by aspiration. The gas is mixed in the handle and comes already ready to tip for maximum cutting quality.
- Possibility to mount monobloc our tips for a better flame and a gas consumption lower.

Code	Desc.
4020006100	508143

Monobloc tip for cutting lance 508,143-Acetylene



- Cutting Bits block for mounting on our launches cod. 402 00 06,100 to 508,143.
- The construction allows to obtain a flame straighter and thermally efficient machining with the best and great savings in gas.
- Increased security during processing, lower risk of clogging of the holes.

Code	Desc.	Cutting capacity
4020006200	545103	5-15 mm
4020006300	545111	15-25 mm
4020006400	545129	25-50 mm
4020006500	545137	50-75 mm

Cutting Attachment lever



- Cutting Attachment drive lever, gas mixing toe for greater job security.
- The mixing system reduces practically to zero the path of the gases already mixed, minimizing the danger of backfiring.
- Use with automix tips to attack international IC.

Code	Desc.
4020008200	508499

IC tips for cutting lance 508,499 -Acetilene



- Cutting tips with international attack IC for mounting on our cutting lance code. 402 00 08,200 to 508,499.
- The mixing inside the tip allows to obtain the maximum processing safety and best quality of cut.

Code	Desc.	Cutting capacity
4020009250	46500	3-10 mm
4020009260	46550	10-25 mm
4020009270	46600	25-75 mm
4020009280	46650	75-125 mm
4020009290	46700	125-175 mm

IC cutting tips for propane-LPG-CNG



- Cutting Bits special copper and brass for use with fuel gases propane, LPG and CNG. Suitable for use on all sets cutting mount IC, like our item code 402 00 08,200 to 508,499.
- Version in two separable pieces for cleaning. Wide range of cutting capacity.

Code	Description	Cutting capacity mm	OX consumption	Gas consumption
4020017190	13724	3-10	1,4 m3/h	0,3 m3/h
4020017200	13725	10-25	3 m3/h	0,4 m3/h
4020017210	13726	25-75	8 m3/h	0,5 m3/h
4020017220	13727	75-125	15 m3/h	0,6 m3/h
4020017230	13728	125-175	20 m3/h	0,7 m3/h

Cutting tips for propane-LPG-CNG



- Punta da taglio in rame speciale ed ottone per l'utilizzo con gas combustibili Propano, GPL e Metano. Indicate per l'utilizzo su tutte le lance da taglio tipo il nostro articolo codice 402 00 06100-508143.
- Versione in due pezzi separabili per la pulizia. Ampia gamma di capacità di taglio

Code	Description	Cutting capacity mm	Pressure bar ox./gpl
4020017150	13720	10-15	2,5 / 0,2
4020017160	13721	15-25	3,0 / 0,2
4020017170	13722	25-50	3,5 / 0,2
4020017180	13723	50-75	4,0 / 0,3

Twin hose for technical gases



- Double hose rubber hose.
- Welding and oxy-gas cutting.
- Colours of gas (blue and red).
- Rubber cover smooth wear.
- Marking with technical guidance.
- Complies with EN 559.

Code	Desc.	Ø mm
4020007000	1105642	8x15
4020007050	1105642/10	10x17

Pressure regulators for industrial gases



- Robust and reliable pressure reducing valves for technical gases in cylinders, pressure resistant up to 230 bar.
- High stability of supply.
- Fittings of entry and exit differentiated for the different types of gas according to UNI.
- Outlet fittings for rubber hose \varnothing 8 mm and 10 mm.

Code	Desc.	For gas	Photo
4020007200	600437	OXYGEN	1
4020007300	610469	ACETYLENE	2
4020007350	622258	PROPANE	3
4020007250	610468	ACETYLENE	4
4020007150	610469	OXYGEN	5

Cleaning Kit for tips ossigas



- Practical case containing a series of reamers for cleaning holes of the tips for welding or cutting ossigas.
- Keep clean and efficient tips allows you to work safely and to always have a perfect flame, avoiding sudden shutdowns torch.

Code	Desc.
4020012300	13110

Safety valves for pressure reducers



- Safety devices against flashbacks from malfunction or misuse of the ossigas.
- Robust construction in forged brass valve with stainless steel inner and vent valve to prevent damage to the pipes.
- Manufactured according to EN 730-1.
- Available for oxygen and combustible gases.
- **IMPORTANT:** the devices have a maximum maturity of five years, and must be replaced anyway in case of backfiring.

Code	Desc.	For gas
4020007400	1102375	Oxygen
4020007500	1102409	Acetylene

Safety valves for handgrips



- Safety devices against flashbacks from malfunction or misuse of the oxygen to be applied on the handle instead of herringbone gas inlet.
- Rugged construction in cast aluminum with internal valve in stainless steel with controlled porosity and certified for the arrest of flame.
- Manufactured according to EN 730-1.
- Available for oxygen and combustible gases.
- **IMPORTANT:** the devices have a maximum maturity of five years, and must be replaced anyway in the event of a flashback.

Code	Desc.	For gas
4020008800	1102140	oxygen
4020008810	1102145	acetylene

Safety valves hose-pipe



- Safety devices against the returns of Famma by malfunction or misuse of the ossigas be applied between two tube sections.
- Rugged construction in cast aluminum with stainless steel internal valve to prevent damage to the pipes.
- Manufactured according to EN 730-1.
- Available for oxygen and combustible gases.
- **IMPORTANT: the devices have a maximum maturity of five years, and must be replaced anyway in the event of a flashback.**

Code	Desc.	For gas
4020007600	1103209	Oxygen
4020007700	1103217	Acetylene

Chopstick for the welding of iron and steel in gender



- Finger in annealed iron for the welding of iron and steel in general.
- High malleability, suitable for use in hydrothermal fields, health care, art, carpentry.
- It complies with DIN 8554, AWS A5.2: R45.

Code	Desc.	Dimensions mm
4020000900	219/2	2X1000
4020000910	227/3	3X1000

Technical Features	
Punto medio di fusione	1530° C
C	0.08%
Si	0.03%
Mn	0.50%
P	0.025%
S	0.025%
Cu	0.11%
Rm	450 N/mm ²

Copper silver chopsticks



- Finger bare copper-phosphorus alloy with 5% silver.
- Suitable for brazing copper alloys in the fields plumbing and heating, refrigeration, electrical.
- Unions in copper-copper alloy and 'self-fluxing'.
- Complies with DIN 8513: L Ag5P, AWS A5.8A, BCuP3.

Code	Desc.	Dimensions mm	Qty. Kg/nr
4020012400	13120	2x500	1,0/75

Technical Features	
Punto medio di fusione	710°C
Ag	5.00%
P	6.00%
Cu	89.00%

Copper silver chopsticks



- Finger bare copper-phosphorus alloy with 5% silver.
- Suitable for brazing copper alloys in the fields plumbing and heating, refrigeration, electrical.
- Unions in copper-copper alloy and 'self-fluxing'.
- Complies with DIN 8513: L Ag5P, AWS A5.8A, BCuP3.

Code	Desc.	Dimensions mm	Qty. Kg/nr
4020003160	210/B2	2x500	0,5/35
4020003170	211/B3	3x500	0,5/16

Technical Features	
Punto medio di fusione	880°C
Si	0.20%
Zn	39.00%
Cu	60.00%

Generic chopsticks for aluminum



- Finger aluminum flux built for welding aluminum and its alloys in extruders, evaporators, chassis, bus bars, pipes and refrigerators in building the frames.
- In conformity, AWS A5.10: ER 1100.

Code	Desc.	Dimensions <i>mm</i>	Qty. Kg/nr
4020003200	208/2	2x850	1,0/76
4020004600	216/3	3x850	1,0/50

Tecnical Features	
Al	99.50%
Rm	90 N/mmq.
Punto medio di fusione	630°C

Silver alloy chopsticks coated (Argentana)



- Wand high silver content with coating flux for brazing of copper alloys, steel and stainless steels.
- Suitable for processing in precision mechanics and delicate work in the sectors water & heating, air conditioning, cooling circuits, electrical contacts.
- Complies with DIN 8513: L-Ag40Cd.

Code	Desc.	Dimensions <i>mm</i>	Qty. Kg/nr
4020005000	0822114-Ag12S-1.5	1.5x500	0,25/19
4020005100	0822122-Ag12S-2	2x500	0,25/11

Tecnical Features	
Rm	310 N/mmq.
Punto medio di fusione	610°C
Sn	20.00%
Zn	21.00%
Cu	19.00%
Ag	40.00%

Guida applicativa alla scelta del metallo d'apporto per la saldatura ossigas

NATURA DEI METALLI DA UNIRE	RAME	OTTONE	FERRO ACCIAIO	INOX	ALLUMINIO	GHISA	LAMIERE ZINCATE
RAME	402 00 05000 402 00 05100 402 00 12400 402 00 12500	402 00 05000 402 00 05100	402 00 03160 402 00 03170 402 00 05000 402 00 05100	402 00 05000 402 00 05100	-----	402 00 03160 402 00 03170	402 00 05000 402 00 05100
OTTONE	402 00 05000 402 00 05100	402 00 03160 402 00 03170 402 00 05000 402 00 05100	402 00 05000 402 00 05100	402 00 05000 402 00 05100	-----	402 00 03160 402 00 03170	402 00 05000 402 00 05100
FERRO ACCIAIO	402 00 03160 402 00 03170 402 00 05000 402 00 05100	402 00 05000 402 00 05100	402 00 00900 402 00 00910 402 00 03160 402 00 03170	402 00 05000 402 00 05100	-----	402 00 03160 402 00 03170	402 00 05000 402 00 05100
INOX	402 00 05000 402 00 05100	402 00 05000 402 00 05100	402 00 05000 402 00 05100		-----	402 00 03160 402 00 03170	402 00 05000 402 00 05100
ALLUMINIO	-----	-----	-----	-----	402 00 03200 402 00 04600	-----	-----
GHISA	402 00 03160 402 00 03170	402 00 03160 402 00 03170	402 00 03160 402 00 03170	402 00 03160 402 00 03170	-----	-----	402 00 05000 402 00 05100
LAMIERE ZINCATE	402 00 05000 402 00 05100	402 00 05000 402 00 05100	402 00 05000 402 00 05100	402 00 05000 402 00 05100	-----	402 00 05000 402 00 05100	402 00 05000 402 00 05100

CODICE	APPLICAZIONI	TIPO DI DISSODANTE
402 00 00900-219/2 402 00 00910-227/3	PROFILATI SCATOLATI ARTISTICO	-----
402 00 03160-210/B2 402 00 03170-210/B3	PER UNIONE E RIPORTI DI: FERRO BRONZO OTTONE RAME MARMITTE	-----
402 00 12400-13120 402 00 12500-13130	PER SALDATURE E BRASATURE DI: RAME BRONZO OTTONE TERMO-SANITARIA ROTORI ELETTRICI CAPICORDA ELETTRICI SCAMBIATORI DI CALORE	-----
402 00 03200-208/2 402 00 04600-216/3	PER UNIONE E RIPORTI SU ALLUMINIO SENZA DISSODANTE	-----
402 00 05000-0822114 402 00 05100-0822122	NICHEL E SUE LEGHE METALLI PREZIOSI MANICOTTI PER IDROTERMOSANITARIA CONDIZIONAMENTO-OCCHIALI BIGIOTTERIA CIRCUITI DI RAFFREDDAMENTO CONTATTI ELETTRICI METALLI DURI (INOX, ECC.)	-----