



TUBETTI RAME, TUBETTI OTTONE, GUIDE CERAMICHE

COPPER AND BRASS TUBES, CERAMIC GUIDE

GUIDE CERAMICHE STANDARD DOPPIA CERAMICA 0.1-3.0
CERAMIC GUIDE STANDARD DUAL TYPE 0.1-3.0

Tipo-Type: A. Ø est. OD 6.0x30mmL - B Ø est. OD 8.0x30mmL - C. Ø est. OD 12x30mmL

Ø int. ID (mm)	TOLLERANZA - TOLERANCE		Ø int. ID (mm)	TOLLERANZA - TOLERANCE	
0.10	0-+0.02	A	3.10	0-+0.02	C
0.13	>>	A	3.20	>>	C
0.15	>>	A	3.30	>>	C
0.20	>>	A	3.40	>>	C
0.25	>>	A	3.50	>>	C
0.30	>>	A	3.60	>>	C
0.40	>>	B	3.70	>>	C
0.50	>>	B	3.80	>>	C
0.60	>>	B	3.90	>>	C
0.70	>>	B	4.00	>>	C
0.80	>>	B	4.10	>>	C
0.90	>>	B	4.20	>>	C
1.00	>>	B	4.30	>>	C
1.10	>>	B	4.40	>>	C
1.20	>>	B	4.50	>>	C
1.30	>>	B	4.60	>>	C
1.40	>>	B	4.70	>>	C
1.50	>>	B	4.80	>>	C
1.60	>>	B	4.90	>>	C
1.70	>>	B	5.00	>>	C
1.80	>>	B	5.10	>>	C
1.90	>>	B	5.20	>>	C
2.00	>>	B	5.30	>>	C
2.10	>>	B	5.40	>>	C
2.20	>>	B	5.50	>>	C
2.30	>>	B	5.60	>>	C
2.40	>>	B	5.70	>>	C
2.50	>>	B	5.80	>>	C
2.60	>>	B	5.90	>>	C
2.70	>>	B	6.00	>>	C
2.80	>>	B			
2.90	>>	B			
3.00		B			

TUBETTI STANDARD

STANDARD ELECTRODE TUBE

TUBETTI MONOFORO (OTTONE/RAME)

SINGLE HOLE TUBE (BRASS/COPPER)



2 CANALI TIPO NORMALE - 2 FILI INSERITI

2 CHANNEL NORMAL TYPE - 2 WIRES INSERTED



2 CANALI TIPO NORMALE - 2 TUBI INSERITI

2 CHANNEL NORMAL TYPE - 2 TUBES INSERTED



1 WEB TYPE - 1 BARRA INSERITA

Stessa funzione dei 2 canali ma fori più grossi

1 WEB TYPE - 1 BAR INSERTED

Same function with 2 channels.
But bigger holes than normal 2 channels



3 CANALI TIPO NORMALE - 3 TUBI INSERITI

3 CHANNEL NORMAL TYPE - 3 TUBES INSERTED



1 CANALI TIPO Y - 3 TUBI INSERITI

Stessa funzione dei 3 canali standard ma fori più grossi

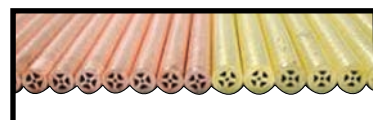
CHANNEL Y TYPE - 3 TUBES INSERTED

Same function with 3 channels.
But bigger holes than normal 2 channels



4 CANALI - 4 TUBI INSERITI

CHANNEL + TYPE - 4 TUBES INSERTED



SOLO SU RICHIESTA

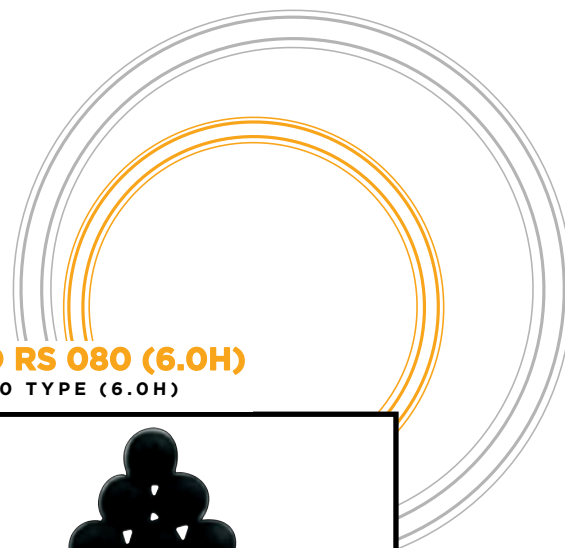
ONLY BY REQUEST

MONOFORO - SINGLE HOLE TUBE					MULTIFORO - MULTI CHANNEL TUBE						
Ø est. OD mm	Ø int. ID mm	Lungh. Length mm	Tolleranze - Tolerance Ø est. OD	Tolleranze - Tolerance Ø int. ID	Ø est. OD mm	Lungh. Length mm	Tipo I I type	Tipo 8 8 type	Tipo Y Y type	Tipo 3H 3H type	
0.10	0.03	200	0~-0.01	0~-0.01	•	0.10		X	X	X	X
0.13	0.04	200	•	•	•	0.13		X	X	X	X
0.15	0.06	200	•	•	•	0.15		X	X	X	X
0.20	0.11	200	•	•	•	0.20		X	X	X	X
0.25	0.12	200	•	•	X	0.25		X	X	X	X
0.30	0.12	300/400	•	•	X	0.30		X	X	X	X
0.40	0.15	300/400	•	•	X	0.40		X	X	X	X
0.50	0.18	300/400	0~-0.02	0~-0.02	•	0.50	300/400	X	X	X	X
0.60	0.20	300/400	•	•	•	0.60	300/400	•	X	X	X
0.70	0.20	300/400	•	•	•	0.70	300/400	•	X	X	X
0.80	0.30	300/400	•	•	•	0.80	300/400	•	X	X	X
0.90	0.30	300/400	•	•	•	0.90	300/400	•	X	X	X
1.00	0.30	300/400	•	•	X	1.00	300/400	•	X	X	X
1.10	0.30	300/400	•	•	•	1.10	300/400	X	X	X	X
1.20	0.40	300/400	•	•	•	1.20	300/400	•	•	X	X
1.30	0.40	300/400	•	•	•	1.30	300/400	•	•	X	X
1.40	0.40	300/400	•	•	•	1.40	300/400	•	•	X	X
1.50	0.50	300/400	•	•	X	1.50	300/400	•	•	X	X
1.60	0.50	300/400	•	•	•	1.60	300/400	X	X	X	X
1.70	0.50	300/400	•	•	•	1.70	300/400	•	•	•	•
1.80	0.60	300/400	•	•	•	1.80	300/400	•	•	•	•
1.90	0.60	300/400	•	•	•	1.90	300/400	•	•	•	•
2.00	0.60	300/400	0~-0.03	0~-0.03	X	2.00	300/400	•	•	•	•
2.10	0.70	300/400	•	•	•	2.10	300/400	X	X	X	X
2.20	0.70	300/400	•	•	•	2.20	300/400	•	•	•	•
2.30	0.80	300/400	•	•	•	2.30	300/400	•	•	•	•
2.40	0.80	300/400	•	•	•	2.40	300/400	•	•	•	•
2.50	0.80	300/400	•	•	X	2.50	300/400	•	•	•	•
2.60	0.90	300/400	•	•	•	2.60	300/400	X	X	X	X
2.70	0.90	300/400	•	•	•	2.70	300/400	•	•	•	•
2.80	0.90	300/400	•	•	•	2.80	300/400	•	•	•	•
2.90	1.00	300/400	•	•	•	2.90	300/400	•	•	•	•
3.00	1.00	300/400	•	•	X	3.00	300/400	•	•	•	•
3.10	300/400	300/400	0~-0.04	0~-0.04	•	3.10	300/400	X	X	X	X
3.20	300/400	300/400	•	•	•	3.20	300/400	X	X	•	•
3.30	300/400	300/400	•	•	•	3.30	300/400	X	X	•	•
3.40	300/400	300/400	•	•	X	3.40	300/400	X	X	•	•
3.50	300/400	300/400	•	•	•	3.50	300/400	X	X	•	•
3.60	300/400	300/400	•	•	•	3.60	300/400	X	X	X	X
3.70	300/400	300/400	•	•	•	3.70	300/400	X	X	•	•
3.80	300/400	300/400	•	•	•	3.80	300/400	X	X	•	•
3.90	300/400	300/400	•	•	•	3.90	300/400	X	X	•	•
4.00	300/400	300/400	•	•	X	4.00	300/400	X	X	•	•
4.10	300/400	300/400	0~-0.05	0~-0.05	•	4.10	300/400	X	X	X	X
4.21	300/400	300/400	•	•	•	4.21	300/400	X	X	•	•
4.30	300/400	300/400	•	•	•	4.30	300/400	X	X	•	•
4.40	300/400	300/400	•	•	•	4.40	300/400	X	X	•	•
4.50	300/400	300/400	•	•	X	4.50	300/400	X	X	•	•
4.60	300/400	300/400	•	•	•	4.60	300/400	X	X	X	X
4.70	300/400	300/400	•	•	•	4.70	300/400	X	X	•	•
4.80	300/400	300/400	•	•	•	4.80	300/400	X	X	•	•
4.90	300/400	300/400	•	•	•	4.90	300/400	X	X	•	•
5.00	300/400	300/400	•	•	X	5.00	300/400	X	X	•	•
5.10	300/400	300/400	0~-0.05	0~-0.05	•	5.10	300/400	X	X	X	X
-	300/400	300/400	•	•	•	-	300/400	X	X	•	•
5.50	300/400	300/400	•	•	X	5.50	300/400	X	X	•	•
5.60	300/400	300/400	•	•	•	5.60	300/400	X	X	X	X
-	300/400	300/400	•	•	•	-	300/400	X	X	•	•
6.00	300/400	300/400	•	•	•	6.00	300/400	X	X	•	•

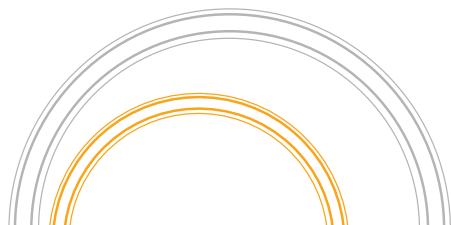
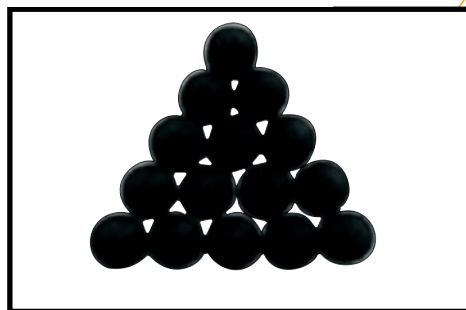
GUARNIZIONI IN GOMMA

RUBBER SEAL

Art. Code No	Ø esterno OD of seal	Ø interno ID of seal	Utilizzo per Ø tubo Application for electrodes's OD	
RS 080	8.00	Senza foro - No hole	Per tutte le macchine - for all machines	X
RS 081	-	0.10	0.10~0.50	.
RS 082	-	0.50	0.50~1.00	.
RS 083	-	0.90	1.00~1.50	.
RS 084	-	1.30	1.50~2.00	.
RS 085	-	2.30	2.00~3.00	.
RS 086	-	3.30	3.00~4.00	.

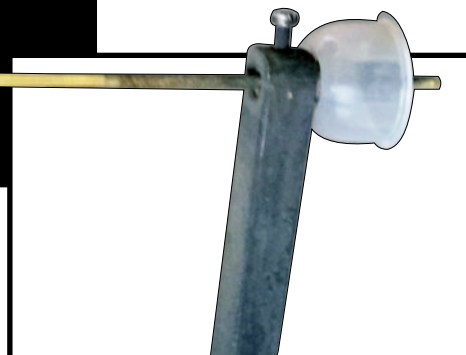
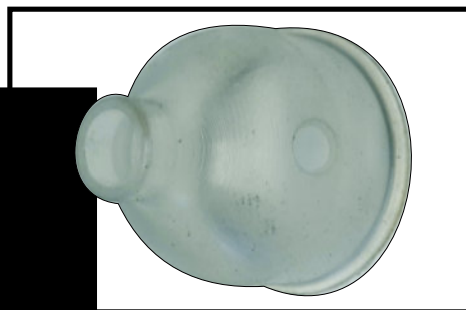
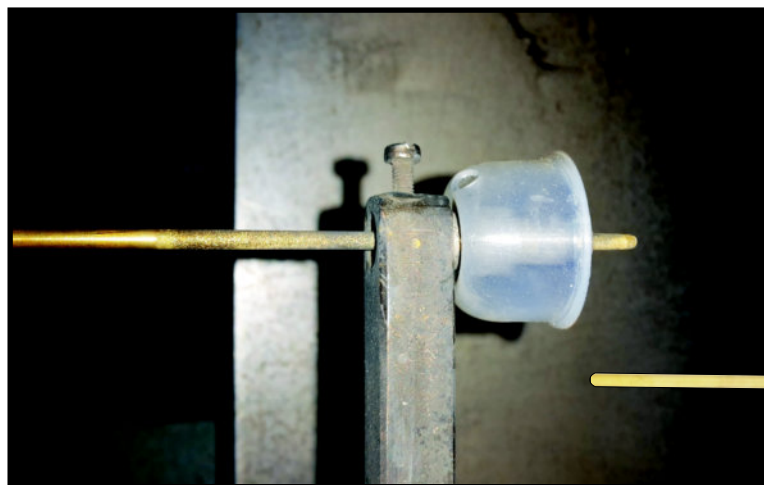


TIPO RS 080 (6.0H)
RS 080 TYPE (6.0H)



PARASPRUZZI PER MICROFORATRICI

COVER SPLAS



FLUIDO BP50

FLUID BP50

FLUIDO PER FORATRICI BP50

Il **FLUIDO BP 50** può, in alcuni casi irritare la pelle di persone particolarmente sensibili anche se si tratta di un prodotto di bassa tossicità e di scarsi effetti di irritazioni della pelle di soggetti normali. Alcune persone possono anche non voler utilizzare questo prodotto.



Si raccomanda l'utilizzo di occhiali di sicurezza durante l'utilizzo di questo prodotto. Se il prodotto dovesse entrare in contatto con gli occhi, è necessario sciacquarli con abbondante acqua per qualche minuto e, come misura precauzionale, contattare un medico. Dopo l'impiego lavare sempre accuratamente le mani.

Il **FLUIDO BP 50** viene proposto come soluzione già pronta e diluita per l'uso o come prodotto concentrato che deve essere diluito 10:1. Naturalmente è possibile lavorare solo con acqua, e per questo alcuni fornitori di fluidi raccomandano diluizioni oltre i 40:1. La nostra esperienza ci dice però quanto sia significativo l'utilizzo di questo fluido invece di aggiungere solo acqua. Il **FLUIDO BP 50** incrementa l'asportazione di materiale e riduce il consumo dell'elettrodo in percentuali significative comprese tra il 30 e il 50% comparato a quanto avviene utilizzando acqua demineralizzata.

Il **FLUIDO BP 50** offre un ulteriore vantaggio basato sulle sue proprietà anticorrosive che lo portano ad esercitare una funzione di lubrificazione per la pompa di ricircolo del fluido.

Il **FLUIDO BP 50** è biologicamente degradabile. La soluzione esausta, che è stata diluita con un fattore 10, può essere pronta per lo smaltimento con un volume di acqua 5 volte superiore prima di essere introdotto in un impianto di depurazione. Questo assicura che non ci possano essere interazioni nel processo di degradazione dei fanghi dell'impianto di depurazione.

PROPOSTO IN: CONTENITORI DA 10 LITRI SIA DILUITO CHE CONCENTRATO.

BP 500 - Prodotto concentrato

FLUSHING FLUID FOR EDM-DRILLING

FLUSHING FLUID BP50 can irritate the skin of very sensitive people despite its low toxicity and irritating effect on the skin. Such persons should avoid working with the product. Protect the eyes from splashing. It is recommended to wear safety glasses. If the product comes into contact with the eyes, irrigate them for a few minutes with water and contact a doctor as a precautionary measure. Wash your hands.

FLUSHING FLUID BP50 can be obtained as a ready-to-use solution or as a concentrate which should be diluted 10:1. The concentrate should, as far as possible, be diluted using deionised water at a ratio of not greater than 10:1.

One can also naturally just work with water. This option encourages suppliers of flushing fluids to recommend dilutions of up to 40:1. We have, however, seen in practise how meaningful it is to use flushing fluids rather than just adding water. **FLUSHING FLUID BP50** increases the operating or material removal rate and reduces electrode wear by up to 30 -50 % in comparison to simply flushing out with fully desalinated water.

FLUSHING FLUID BP50 offers one further advantage based on its anti-corrosive properties while also acting as an additive for lubrication of the circulating pump for the flushing fluid.

FLUSHING FLUID BP50 is biologically degradable. The finished solution which has already been diluted by a factor of 10 should be discharged with five times its volume of water before entry into an adapted biological purification plant. This ensures that one can then expect no disturbance to occur to the degradation process of the activated sludge in such a purification plant.

OFFERED IN: 10 LTS. TANK WHETHER DILUTED OR CONCENTRATED

BP 500 - Concentrated product