



BRASS FITTINGS





GENERIC BRASS PIPE FITTINGS

We exclusively use our own resources and technologies, and implement all the processing phases required to produce a range of valves and accessories for thermo-sanitary, domestic and industrial systems. The raw materials, which consist in brass bars and strictly conform to ENI-CEN standards, are subjected to an initial hot forging treatment which is followed by infinitesimal mechanical processing phases on TRANSFER CNC machines and treatments for surface finishing.

Following the surface treatments, which consist in nickel coating (when ordering add the letter N after the last number of the article code), most of the assembly operations are performed by automated and robotic processes which also guarantee a high level of productivity and provide stable and constant quality levels in the production batches.

All GNALI BOCIA products are rigorously subjected to a series of tests, during the production phases and before packing, to check the tolerance of the specific features correspond to foreseen standards.

Over ten years of experience together with the recognitions from our clientele, which you welcome to check, allow us to declare that that our production of Gas and Water system fittings offers the highest standards available on the market, confirmed by the warranties and the certifications we have achieved until now.



CONSTRUCTIONAL FEATURES

MATERIALS

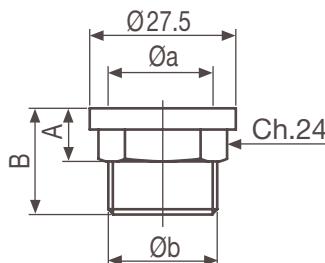
- Brass Parts: CW 617 N – CW 614 N
- Seals : EPDM PEROXIDE - o-rings
- Other: PTFE – spacer washer

CONDITIONS FOR USE

- Maximum working temperature 120°C
- Maximum working pressure 16 bar

GENERIC PIPE FITTINGS

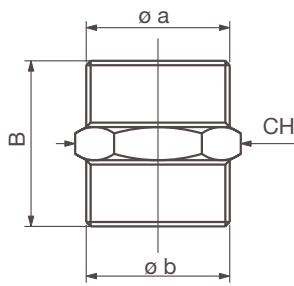
EXTENSIONS 1/2"



M/F extensions, length from 10 to 30 mm. Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	Øa	Øb	A	B
3-500	1/2"	1/2"	10	20
3-501	1/2"	1/2"	15	25
3-502	1/2"	1/2"	20	30
3-504	1/2"	1/2"	25	40
3-503	1/2"	1/2"	30	35

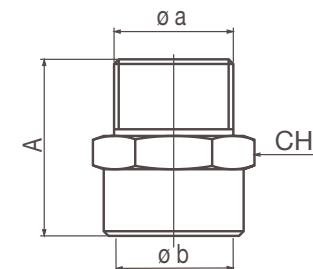
NIPPLES MM



M/F extensions, length from 10 to 30 mm. Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	Øa	Øb	Ch	B
3-551	3/8"	3/8"	17	27
3-552	1/2"	1/2"	21	29
3-553	3/4"	3/4"	26	30
3-554	1"	1"	35	39
3-555	3/8"	1/2"	21	28
3-556	1/2"	3/4"	26	26,5
3-557	3/4"	1"	35	39

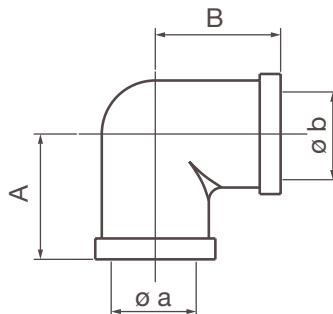
NIPPLES MF



M/F extensions, length from 10 to 30 mm. Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

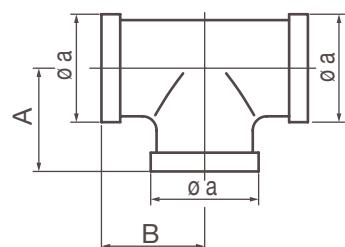
Code	Øa	Øb	Ch	A
3-571	3/8"	3/8"	21	26,5
3-572	1/2"	1/2"	26	31
3-573	3/4"	3/4"	35	38
3-574	1"	1"	37	36
3-575	1/2"	3/8"	26	29,5
3-576	3/4"	1/2"	35	36
3-577	1"	3/4"	37	36

BEND FF



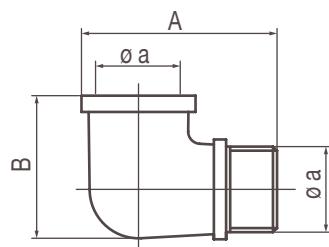
M/F extensions, length from 10 to 30 mm. Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	Øa	Øb	A	B
3-581	3/8"	3/8"	24	35,5
3-582	1/2"	1/2"	23	40,5
3-583	3/4"	3/4"	28	45
3-584	1"	1"	36	56,5
3-585	1 1/4"	1 1/4"		
3-586	1 1/2"	1 1/2"		
3-587	2"	2"	58,6	92

T FF


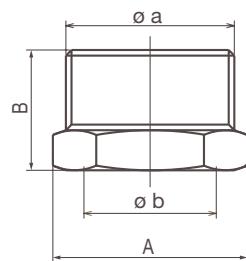
F/F/F T fitting. Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/ 262 on request). Max. temp. 130°

Code	$\varnothing a$	A	B
3-601	3/8"	44	44
3-602	1/2"	48	48
3-603	3/4"	52	52
3-604	1"	55,5	55,5
3-605	1"1/4		
3-606	1"1/2		
3-607	2"		

BEND MF


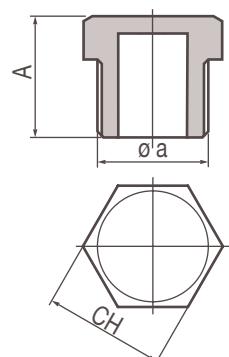
M/F 90° bend. Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/ 262 on request). Max. temp. 130°

Code	$\varnothing a$	A	B
3-621	3/8"	45,5	31
3-622	1/2"	48	35
3-623	3/4"	57	39
3-624	1"	72	49
3-625	1"1/4		
3-626	1"1/2		
3-627	2"		

REDUCTION MF


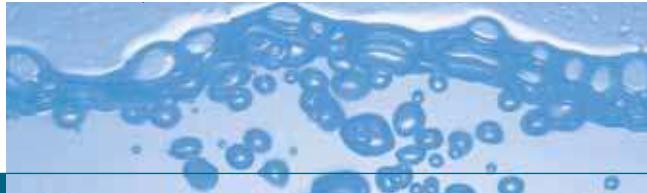
M/F diameter reduction fitting - Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/ 262 on request). Max. temp. 130°

Code	$\varnothing a$	$\varnothing b$	A	B
3-631	1/2"	3/8"	21	15
3-632	3/4"	1/2"	26	18
3-633	3/4"	3/8"	28	18
3-634	1"	1/2"	35	23
3-635	1"	3/4"	35	23

BLIND PLUG M


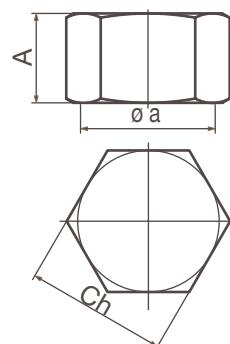
Male blind plug - Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/ 262 on request). Max. temp. 130°

Code	$\varnothing a$	CH	A
3-651	1/4"	14	14
3-652	3/8"	17	14
3-653	1/2"	21	15
3-654	3/4"	35	23
3-655	1"		



GENERIC PIPE FITTINGS

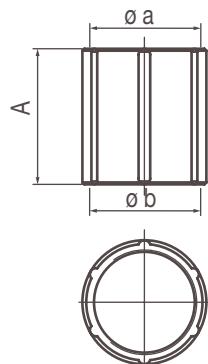
BLIND PLUG F



Tappo cieco Femmina - Applicazioni: Idraulica (Pneumatica su richiesta), Materiale Ottone CW614 N Finitura: Naturale ottone, (su richiesta disponibile con Nichelatura) - Filettature GAS ISO 228/1 (Su richiesta ISO 7 - DIN 2999 - BS 21 Metrica - ISO R/ 262). Temp. max. 130°.

Code	Øa	CH	A
3-671	3/8"	19	12
3-672	1/2"	23	12
3-673	3/4"	30	13
3-674	1"	37	15

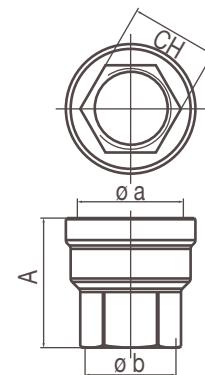
SLEEVE FF



F/F sleeve - Hydraulic application (pneumatic on request), in CW614 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/ 262 on request). Max. temp. 130°

Code	Øa	Øb	CH	A
3-681	1/4"	1/4"	17	22
3-682	3/8"	3/8"	21	25
3-683	1/2"	1/2"	28	30
3-684	3/4"	3/4"	Ø32	35
3-685	1"	1"	Ø42	44
3-686	1 1/4"	1 1/4"		
3-687	1 1/2"	1 1/2"		
3-688	2"	2"		

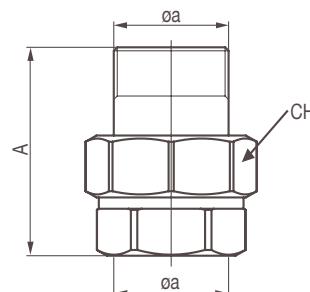
REDUCTION SLEEVE FF



Manicotto di connessione F/F con riduzione di diametro - Applicazioni: Idraulica (Pneumatica su richiesta), Materiale Ottone CW614 N Finitura: Naturale ottone, (su richiesta disponibile con Nichelatura) - Filettature Gas ISO 228/1 (Su richiesta ISO 7 - DIN 2999 - BS 21 Metrica - ISO R/ 262). Temp. max. 130°.

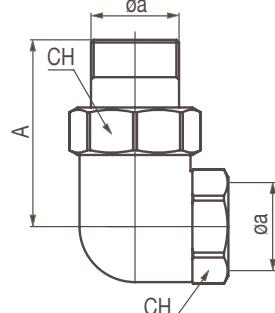
Code	Øa	Øb	CH	A
3-691	1/2"	3/8"	17	28
3-692	3/4"	1/2"	25	29
3-693	1"	1/2"	26	33
3-694	1"	3/4"	30	37

3-PIECE PIPE FITTING



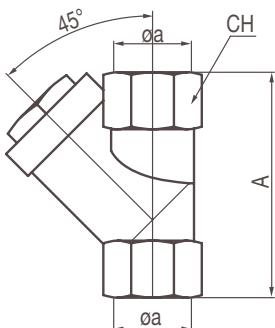
3-piece pipe fitting for connection to pipe union - Hydraulic application (pneumatic on request), in CW617 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads UNI 228 GAS threads (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/ 262 on request). Max. temp. 130°

Code	Øa	A	CH
R3-201	3/8"	43	28
R3-202	1/2"	47	33
R3-203	3/4"	52	41
R3-204	1"	61	60
R3-205	1 1/4"	69,5	56
R3-206	1 1/2"	-	-
R3-207	2"	-	-

3-PIECE 90° PIPE FITTING


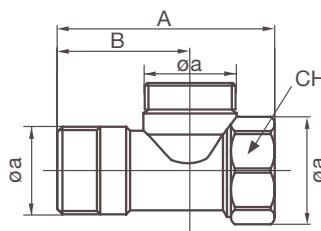
3-piece 90° bend for connection to pipe union - Hydraulic application (pneumatic on request), in CW617 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	Øa	A	CH
R3-221	3/8"	46,5	28
R3-222	1/2"	51,5	33
R3-223	3/4"	59,5	41
R3-224	1"	70	50
R3-225	1 1/4"	79,5	56
R3-226	1 1/2"	-	-
R3-227	2"	-	-

Y STRAINER


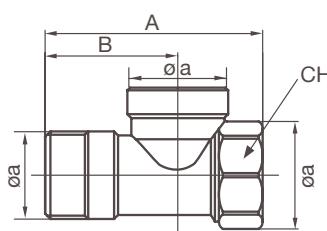
Y-pipe fitting, impurities collection filter, available for water or gas. Hydraulic application (pneumatic on request), in CW617 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	Øa	A	CH
R3-101	3/8"	55	40
R3-102	1/2"	58	40
R3-103	3/4"	70	48
R3-104	1"	87	56
R3-105	1 1/4"	96	64
R3-106	1 1/2"	106	73
R3-107	2"	126	89

M 3-WAY SURGE TANK PIPE FITTING


3-way pipe fitting for surge tank and hydraulic circuit bypasses - Hydraulic application (pneumatic on request), in CW617 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	Øa	A	B	CH
R3-301	1"	72	40	38
R3-302	1"	82	50	38
R3-303	1"	92	60	38

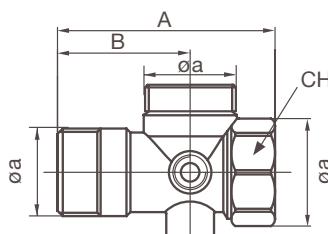
F 3-WAY SURGE TANK PIPE FITTING


3-way pipe fitting for surge tank and hydraulic circuit bypasses - Hydraulic application (pneumatic on request), in CW617 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	Øa	A	B	CH
R3-304	1"	72	40	38
R3-305	1"	82	50	38
R3-306	1"	92	60	38

GENERIC PIPE FITTINGS

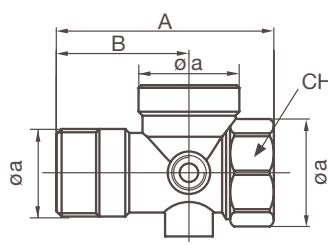
M 5-WAY SURGE TANK PIPE FITTING



5-way pipe fitting for surge tank and hydraulic circuit bypasses - Hydraulic application (pneumatic on request), in CW617 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	øa	A	B	CH
R3-307	1"	72	40	38
R3-308	1"	82	50	38
R3-309	1"	92	60	38

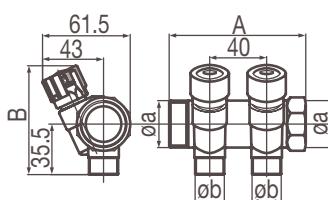
F 5-WAY SURGE TANK PIPE FITTING



5-way pipe fitting for surge tank and hydraulic circuit bypasses - Hydraulic application (pneumatic on request), in CW617 N brass. Finish: Natural brass (nickel-plated available on request) - Taper threads GAS ISO 228/1 (ISO 7 - DIN 2999 - BS 21 Metric - ISO R/262 on request). Max. temp. 130°

Code	øa	A	B	CH
R3-310	1"	72	40	38
R3-311	1"	82	50	38
R3-312	1"	92	60	38

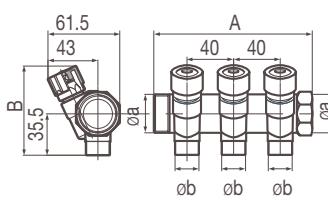
MANIFOLDS FOR HEATING SYSTEMS



Distribution manifold with multiple connection, 2 branches for multi-layer pipe with manual operating valve, on request with M or F ISO 228 F sockets, 40 mm inter-axis, forged CW617N brass, 3/4"-1" MF ISO 228 connection, nickel-plated or sandblasted brass finish, operating hand grips available in other colours

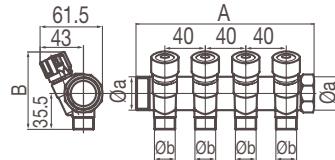
Code	øa	A	B	øb	FINISHING
3-704R	3/4"	96	68	1/2"	SAND BLASTED
3-705R	3/4"	96	68	1/2"	NICKEL PLATED
3-706R	1"	96	76,5	1/2"	SAND BLASTED
3-707R	1"	96	76,5	1/2"	NICKEL PLATED

MANIFOLDS FOR HEATING SYSTEMS



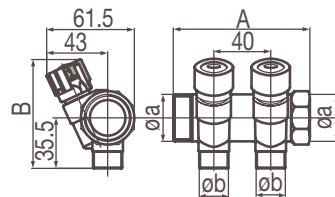
Distribution manifold with multiple connection, 3 branches for multi-layer pipe with manual operating valve, on request with M or F ISO 228 F sockets, 40 mm inter-axis, forged CW617N brass, 3/4"-1" MF ISO 228 connection, nickel-plated or sandblasted brass finish, operating hand grips available in other colours

Code	øa	A	B	øb	FINISHING
3-700R	3/4"	136	68	1/2"	SAND BLASTED
3-701R	3/4"	136	68	1/2"	NICKEL PLATED
3-702R	1"	136	76,5	1/2"	SAND BLASTED
3-703R	1"	136	76,5	1/2"	NICKEL PLATED

MANIFOLDS FOR HEATING SYSTEMS


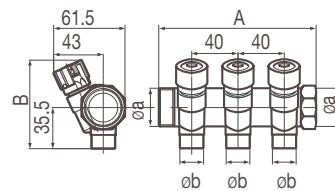
Distribution manifold with multiple connection, 2 branches for multi-layer pipe with manual operating valve, on request with M or F ISO 228 F sockets, 40 mm inter-axis, forged CW617N brass, 3/4"-1" MF ISO 228 connection, nickel-plated or sandblasted brass finish, operating hand grips available in other colours

Code	øa	A	B	øb	FINISHING
3-708R	3/4"	176	68	1/2"	SAND BLASTED
3-709R	3/4"	176	68	1/2"	NICKEL PLATED
3-710R	1"	176	76,5	1/2"	SAND BLASTED
3-711R	1"	176	76,5	1/2"	NICKEL PLATED

MANIFOLDS FOR HEATING SYSTEMS


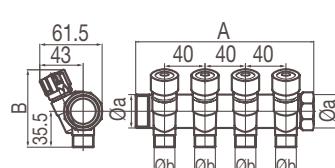
Distribution manifold with multiple connection, 2 branches for multi-layer pipe with manual operating valve, on request with M or F ISO 228 F sockets, 40 mm inter-axis, forged CW617N brass, 3/4"-1" MF ISO 228 connection, nickel-plated or sandblasted brass finish, operating hand grips available in other colours

Code	øa	A	B	øb	FINISHING
3-704B	3/4"	96	68	1/2"	SAND BLASTED
3-705B	3/4"	96	68	1/2"	NICKEL PLATED
3-706B	1"	96	76,5	1/2"	SAND BLASTED
3-707B	1"	96	76,5	1/2"	NICKEL PLATED

MANIFOLDS FOR HEATING SYSTEMS


Distribution manifold with multiple connection, 3 branches for multi-layer pipe with manual operating valve, on request with M or F ISO 228 F sockets, 40 mm inter-axis, forged CW617N brass, 3/4"-1" MF ISO 228 connection, nickel-plated or sandblasted brass finish, operating hand grips available in other colours

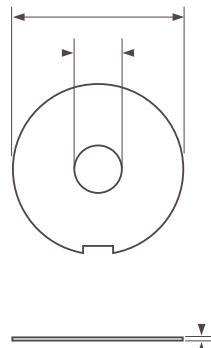
Code	øa	A	B	øb	FINISHING
3-700B	3/4"	136	68	1/2"	SAND BLASTED
3-701B	3/4"	136	68	1/2"	NICKEL PLATED
3-702B	1"	136	76,5	1/2"	SAND BLASTED
3-703B	1"	136	76,5	1/2"	NICKEL PLATED

MANIFOLDS FOR HEATING SYSTEMS


Distribution manifold with multiple connection, 4 branches for multi-layer pipe with manual operating valve, on request with M or F ISO 228 F sockets, 40 mm inter-axis, forged CW617N brass, 3/4"-1" MF ISO 228 connection, nickel-plated or sandblasted brass finish, operating hand grips available in other colours

Code	øa	A	B	øb	FINISHING
3-708B	3/4"	176	68	1/2"	SAND BLASTED
3-709B	3/4"	176	68	1/2"	NICKEL PLATED
3-710B	1"	176	76,5	1/2"	SAND BLASTED
3-711B	1"	176	76,5	1/2"	NICKEL PLATED

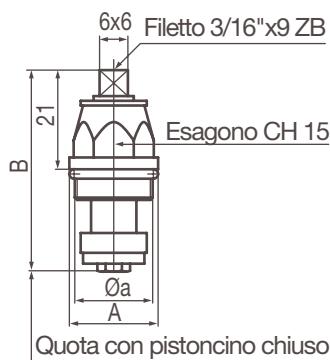
LABEL FOR MANIFOLD



Labels for manifold with wording for circuit, washbasin (3), bidet (4), bath (1), shower (5), washing-machine (0), water-heater (7), toilet (6) and sink (2) identification. Red label + - (726/1), blue label + - 0 N.B. Per ordinare aggiungere al codice il numero dell'etichetta desiderata (es. 3-713/2 etichetta lavello)

Code	a	A	B	øb
3-713				

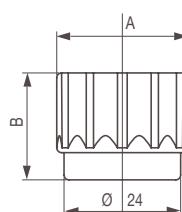
SPARE PARTS FOR MANIFOLDS



Tap control auger, with NBR seal for manifold 3/4
Tap control auger, with NBR seal for manifold 1

Code	øa	A	B	NOTE
3-714	3/8"	18,8	43	for MONIFOLDS 3/4"
3-715	3/8"	18,5	52	for MONIFOLDS 1"

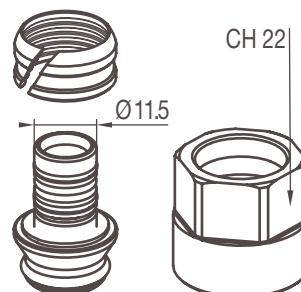
HAND GRIP FOR MANIFOLD



Hand grip for manifold, available in red, blue and white and other colours on request N.B. Per indicare il colore della manopola aggiungere al codice una B (Blu), R (Rosso)

Code	a	A	B	øb
3-712		27	22	

EUROCONO ADAPTER



Sandblasted nut-hub-seal-holder set for manifold
Nickel-plated nut-hub-seal-holder set for manifold

Code	a	A	B	FINISHING
3-790	1/2"			SAND BLASTED
3-790N	1/2"			NICKEL PLATED

