



PA LINE



cmatic[®]
P N E U M A T I C F I T T I N G S

Raccordi Standard in Ottone Nichelato NPT
Brass Nickel-Plated Standard Fittings, NPT
Raccords Standard en laiton nickelé, NPT
Standardverschraubungen aus Messing vernickelt, NPT



I

La serie PA, comunemente considerata come una serie di "Accessori" o "Raccordi Standard", è costituita da Nippli, Riduzioni, Prolunghe, Tappi, Portagomma, Raccordi a L, Raccordi a T, Croci, ecc.

Vista la varietà di funzioni ausiliarie che coprono questi raccordi, risulta evidente il ruolo di completamento, che questa serie svolge nei confronti delle altre.

Tutti i raccordi PA vengono sottoposti a trattamento superficiale di Nichelatura.

The PA line, also known as the "Accessories line" or the "Standard fittings line" consists of a wide variety of components, such as Nipples, Reduction pieces, Connections, Plugs, Hose connections, L-T and Cross fittings.

Due to the multiple auxiliary functions of this line, the PA fittings are the right complement for other ranges.

All components are brass nickel-plated.

GB

La série PA, ou bien "La série des accessoires, ou Raccords Standard" se compose d'une grande variété de pièces pour tous raccordements et toutes configurations: mamelons, pièces de réduction, bouchons, douilles cannelées, raccords en T, en L et Croix.

Compte tenu de la variété de ses fonctions complémentaires, la principale caractéristique de cette série devient celle de bien compléter les autres gammes.

Tous les raccords de cette série sont en laiton niqué.

F

Die PA Baureihe, bekannt als die "Zubehörserie" oder die "Standardverschraubungsbaureihe" besteht aus Verschraubungen aller Bauformen und Größen wie Nippel, Reduzierstück, Stopfen, Schlauchtüllen, T, L-Stueck, Winkel-und-Kreuzverschraubungen.

Es ist eine umfangreiche Nebenfunktionserie, die als Programmergänzung zu den anderen Baureihen betrachtet werden muss.

Alle Teile sind aus Messing vernickelt.

D

Corpo del raccordo
Fitting Body
Corps du raccord
Verschraubungskörper

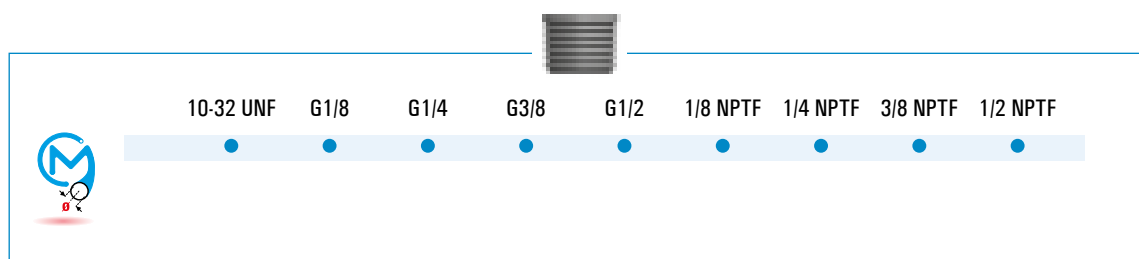
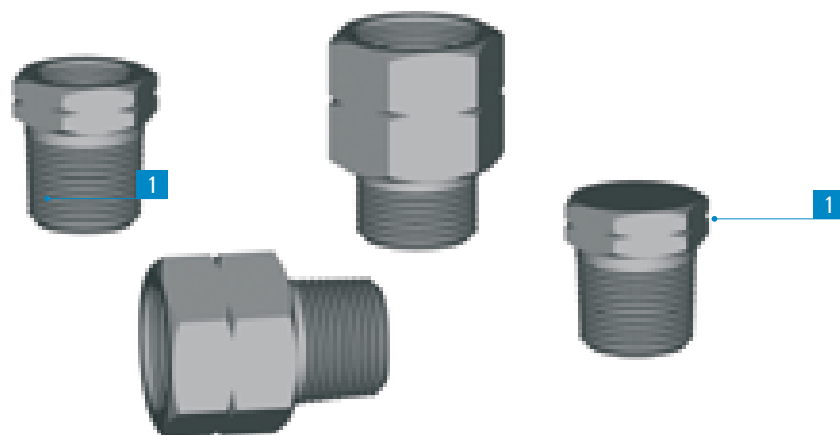
Ottone UNI EN 12164 CW614N - UNI EN 12165 CW617N Nichelato
Brass UNI EN 12164 CW614N - UNI EN 12165 CW617N Nickel Plated
Laiton UNI EN 12164 CW614N - UNI EN 12165 CW617N Nickelé
Messing UNI EN 12164 CW614N - UNI EN 12165 CW617N vernickelt



-40°C ÷ 150°C



Max 60 bar



Campi di applicazione:
Impianti pneumatici, idraulici ed
oleodinamici.

Application fields:
Pneumatic, hydraulic and oleodynamic
circuits.

Domaines d'application:
Circuits pneumatiques, hydrauliques
et oléodynamiques.

Anwendungsbereiche:
Hydraulische, öldynamische und
pneumatische Anlagen.

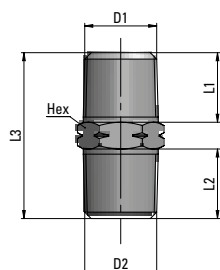
PA 11

Nipplo Conico

Nipple, taper

Mamelon Conique

Doppelnippel, kegelig



Type	D1 NPTF	D2 NPTF	L1	L2	L3	HEX	g Δ
11 1/8 1/8	1/8	1/8	8,5	8,5	21	12	-
11 1/4 1/4	1/4	1/4	13	13	31	14	-
11 3/8 3/8	3/8	3/8	13	13	32	18	-
11 1/2 1/2	1/2	1/2	17	17	41	22	-

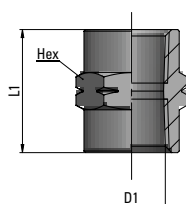
PA 13

Manicotto

Joint Piece

Manchon

Muffe



Type	D1 NPTF	L1	HEX	g Δ
13 1/8 1/8	1/8	18	14	-
13 1/4 1/4	1/4	23	18	-
13 3/8 3/8	3/8	25	22	-
13 1/2 1/2	1/2	32	26	-

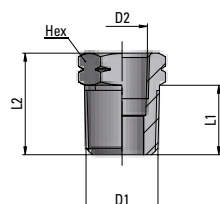
PA 14

Riduzione F-M conica

Taper female-male reducing connector

Réduction femelle-mâle, conique

Reduzierstück, Auf-Einschraub, kegelig



Type	D1 NPTF	D2 NPTF	L1	L2	HEX	g Δ
14 1/8 10-32	1/8	10-32	8,5	12,5	12	-
14 1/4 1/8	1/4	1/8	13	19	14	12,3
14 3/8 1/8	3/8	1/8	13	19	18	-
14 3/8 1/4	3/8	1/4	13	19	18	18
14 1/2 1/4	1/2	1/4	17	24	22	-
14 1/2 3/8	1/2	3/8	17	24	22	-

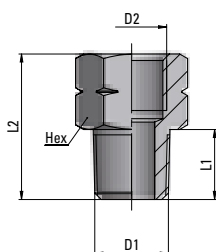
PA 16

Adattatore M-F conico

Adaptor male-female, taper

Adaptateur, mâle-femelle, conique

Adapter, Ein- Aufschraub, kegelig



Type	D1 NPTF	D2 BSP	L1	L2	HEX	g Δ
16 1/8-32 M5	10-32	Mx0,8	5	12	8	12
16 1/8 1/8	1/8	G1/8	8,5	19	14	12
16 1/4 1/4	1/4	G1/4	13	27	18	26,1
16 3/8 3/8	3/8	G3/8	13	27	22	38,5
16 1/2 1/2	1/2	G1/2	17	34	27	65,5

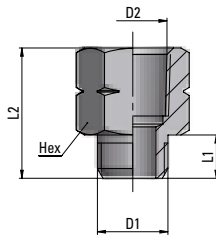
PA 17

Adattatore M-F cilindrico

Adaptor male-female, parallel

Adaptateur, mâle-femelle, cylindrique

Adapter, Ein-Aufschraub-, zylindrisch



Type	D1 BSP	D2 NPTF	L1	L2	HEX	g
17 1/8 1/8	G1/8	1/8	6	18	14	12,5
17 1/4 1/4	G1/4	1/4	8	24	18	27
17 3/8 3/8	G3/8	3/8	9	25	22	49,5
17 1/2 1/2	G1/2	1/2	10	30	24	50

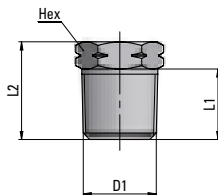
PA 19

Tappo

Male plug

Bouchon

Verschlussstopfen



Type	D1 NPTF	L1	L2	HEX	g
19 00 1/8	1/8	8,5	12,5	12	6,5
19 00 1/4	1/4	13	18	14	14,5
19 00 3/8	3/8	13	19	18	24,5
19 00 1/2	1/2	17	24	22	41,5

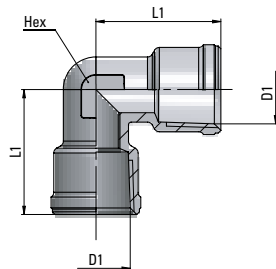
PA 21

Gomito F-F

Female elbow

Equerre femelle

Aufschraub-Winkel



Type	D1 NPTF	L1	HEX	g
21 1/8 1/8	1/8	19	10	-
21 1/4 1/4	1/4	23	12	-
21 3/8 3/8	3/8	26	15	-
21 1/2 1/2	1/2	34	19	-

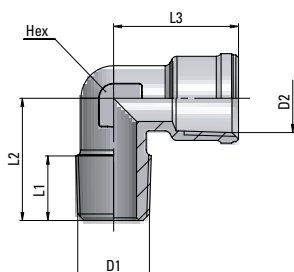
PA 22

Gomito M-F

Male-Female elbow

Equerre mâle-femelle

Auf-Einschraub-Winkel



Type	D1 NPTF	D2 NPTF	L1	L2	L3	HEX	g
22 1/8 1/8	1/8	1/8	8,5	17,5	19	10	38,5
22 1/4 1/4	1/4	1/4	12	22,5	23	12	35
22 3/8 3/8	3/8	3/8	12	25,5	26	15	-
22 1/2 1/2	1/2	1/2	16	31	34	19	-

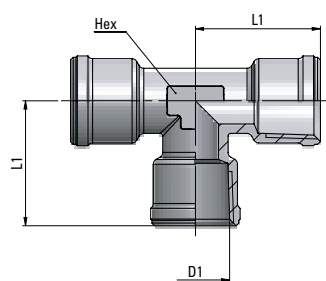
PA 23

T F-F-F

Female tee

Tè femelle

T-Aufschaub



Type	D1 NPTF	L1	HEX	g
23 1/8 1/8	1/8	19	10	-
23 1/4 1/4	1/4	23	12	-
23 3/8 3/8	3/8	31	17	-
23 1/2 1/2	1/2	33,5	21	143