

RACCORDI IN OTTONE

BRASS FITTINGS

**AMBITO DI APPLICAZIONE**

Tutti i raccordi sono esclusi dal campo d'applicazione della Direttiva PED 2014/68/EU in quanto componenti di tubazione.

CONSTRUZIONE

I bocchettoni, i raccordi ad angolo ed i raccordi a TEE sono realizzati in ottone forgiato a caldo EN 12420 – CW617N, invece i raccordi quali giunti, tappi, adattatori SAE Flare/ODS e gli attacchi di carica sono ricavati da barra di ottone EN 12164 – CW614N. I giunti a flangia, codolo alto, codolo basso e le flange sono realizzate in ottone forgiato a caldo EN 12420 – CW617N, mentre la guarnizione di tenuta tra i codoli è in fibra aramidica certificata DIN-DVGW in accordo con DIN 3535, parte 6 FA. I cappucci e le guarnizione troncoconiche sono realizzate in rame Cu - ETP UNI 5649 – 71

APPLICATION

All the fittings are excluded from the scope of Directive PED 2014/68/EU as piping components.

CONSTRUCTION

The nuts, the elbow fittings and the TEE fittings are made of hot forged brass EN 12420 – CW617N, instead fittings such as unions, plugs, SAE Flare/ODS adaptors and access fittings are made from brass bar EN 12164 – CW614N. The flange joints, ODS bushes and the flanges are made of hot forged brass EN 12420 – CW617N, while the seal between the ODS bushes is aramid fiber certified DIN-DVGW in accordance with DIN 3535, part 6 FA. The seal caps and the truncated cone gaskets are made of copper Cu - ETP UNI 5649 – 71

GMC type	SAE Flare	Thread	Suitable for copper tube external diameter
../2	1/4"	7/16" - 20 UNF	1/4"
../3	3/8"	5/8" - 18 UNF	3/8"
../4	1/2"	3/4" - 16 UNF	1/2"
../5	5/8"	7/8" - 14 UNF	5/8"
../6	3/4"	1.1/16" - 14 UNF	3/4"
../7	7/8"	1.1/4" - 12 UNF	7/8"
../9	-	-	1.1/8"
../11	-	-	1.3/8"
../13	-	-	1.5/8"
../17	-	-	2.1/8"
../21	-	-	2.5/8"
../24	-	-	3"
../25	-	-	3.1/8"

GMC type	Suitable for copper tube external diameter [mm]
../M6	6
../M10	10
../M12	12
../M18	18
../M22	22
../M28	28
../M42	42
../M64	64

GIUNTI FILETTATI

Type	Type of connection	SAE Flare	NPT	PS [bar]	Dimensions [mm]		Weight [g]	Pieces per box
					L	CH		
U2-4	SAE Flare unions	1/4"	-	120	38	12	23	100
U2-6		3/8"	-		44	17	46	100
U2-8		1/2"	-		50	20	73	50
U2-10		5/8"	-		58	23	113	50
U2-12		3/4"	-		63	27	164	50
UR2-64		Reducing SAE Flare unions	1/4" x 3/8"		-	42	17	38
UR2-84	1/4" x 1/2"		-		45	20	58	50
UR2-86	3/8" x 1/2"		-		48	20	66	50
UR2-108	1/2" x 5/8"		-		54	23	98	50
U1-4B	SAE Flare - NPT unions	1/4"	1/4"		38,1	14	32	100
U1-6C		3/8"	3/8"		41,2	17	48	100
U1-8D		1/2"	1/2"		49,8	22	92	50
U1-12F		3/4"	3/4"	57,6	27	152	50	
U1-16H		1"	1"	68	36	277	50	
U1-4A	SAE Flare - NPT reducing unions	1/4"	1/8"	32,9	12	20	100	
U1-6B		3/8"	1/4"	41,1	17	39	100	
U1-8C		1/2"	3/8"	45,2	20	64	50	
U1-10D		5/8"	1/2"	53,8	23	102	50	

UNIONS

Type	Type of connection	SAE Flare		NPT	ODS		PS [bar]	Dimensions [mm]		Weight [g]	Pieces per box
		m	f		Ø [in]	Ø [mm]		L	CH		
UR3-4A	Male/Female SAE Flare reducing unions	1/4"	-	1/8"f	-	-	120	29	14	21	100
UR3-46		3/8"	1/4"	-	-	-		33	17	38	100
UR3-68		1/2"	3/8"	-	-	-		38	22	66	50
UR3-810		5/8"	1/2"	-	-	-		45	25	99	50
UR3-812		3/4"	1/2"	-	-	-		46,5	27	132	50
UR3-1012		3/4"	5/8"	-	-	-		49,5	30	157	50
UR3-64		1/4"	3/8"	-	-	-		33	22	49	100
UR3-84		1/4"	1/2"	-	-	-		36	25	66	50
UR3-86		3/8"	1/2"	-	-	-		39	25	74	50
UR3-108		1/2"	5/8"	-	-	-		44	30	127	50
UR3-128		1/2"	3/4"	-	-	-		45	34	140	50
R.SX		Cylinder adaptors	1/4"	20 – 14 left thread female				29	25	46	100
R.DX	1/4"		W 21,8 – 14 right thread female			29	27	52	100		
US3-44	Male SAE Flare - solder unions	1/4"	-	-	1/4"	-	26,5	12	17	100	
US3-4M8		1/4"	-	-	-	8	26,5	12	15	100	
US3-66		3/8"	-	-	3/8"	-	33	17	40	100	
US3-6M8		3/8"	-	-	-	8	33	17	45	100	
US3-6M10		3/8"	-	-	-	10	33	17	39	100	
US3-88		1/2"	-	-	1/2"	-	35	20	55	100	
US3-8M12		1/2"	-	-	-	12	35	20	55	50	
US3-1010		5/8"	-	-	5/8"	16	42	23	82	50	
US3-12M18		3/4"	-	-	-	18	45,5	27	123	50	

