

Raccordi in ottone e attacchi di carica



I raccordi in ottone IGLOO per sistemi di refrigerazione e condizionamento sono conformi agli standard DIN 8912, SAE J513, Standard Militare U.S.A. da MS-35867 a MS35873 inclusi, MS-35919, MS-24815 e MS-16993.

Features

- Massima pressione raccomandata (PS): **140 bar**
- Ricavati da ottone forgiato (conforme agli standard EN 12420 e EN 12165) o barra d'ottone trafilata (conforme allo standard EN 12164) che eliminano la possibilità di perdite dovute a porosità nel materiale
- Lavorati con precisione e protetti durante tutte le fasi di spedizione, movimentazione e immagazzinamento per scongiurare perdite dai raccordi
- Lavorazioni interne a bassa rugosità per garantire minore caduta di pressione e maggiore portata di refrigerante nei giunti
- Superfici di tenuta a bassissima rugosità e tolleranze molto strette per eliminare il rischio di perdite
- Classe di rischio come da Art. 4 Par. 3 della Direttiva PED 2014/68/EU

Approvazioni

CE (PED, RoHS, REACH), EAC

Dati tecnici

Adatti per refrigeranti HCFC, HFC e R744 (CO₂). Non adatti per ammoniac.

I raccordi IGLOO vengono garantiti per una perdita inferiore a 0,1 grammo/anno di refrigerante.

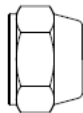
Fornitura standard

I raccordi IGLOO sono confezionate in buste di plastica da 10 pezzi/cadauna all'interno di scatole di cartone da 100 pezzi/cadauna.

Ciascun sacchetto di plastica e ciascuna scatola di cartone ha un'etichetta con indicati descrizione bilingue (italiano/inglese), codice a barre, codice articolo e quantità di pezzi contenuti.

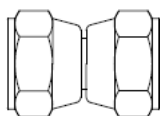
Modelli ordinabili

Bocchettoni forgiati



Mod.	Filetto ANSI/ASME B1.1	Conn. a cartella SAE J513	Diametro tubo		Coppia di serraggio
	filetto femmina		mm	pollici	Nm (lbf-ft)
NS4-4	7/16" - 20 UNF	1/4"	6	1/4"	11÷14 (8÷10)
NS4-5	1/2" - 20 UNF	5/16"	8	5/16"	11÷14 (8÷10)
NRS4-64	5/8" - 18 UNF	3/8"	6	1/4"	20÷25 (15÷18.5)
NRS4-65	5/8" - 18 UNF	3/8"	8	5/16"	20÷25 (15÷18.5)
NS4-6	5/8" - 18 UNF	3/8"	-	3/8"	20÷25 (15÷18.5)
NS4-6M10	5/8" - 18 UNF	3/8"	10	-	20÷25 (15÷18.5)
NRS4-86	3/4" - 16 UNF	1/2"	-	3/8"	34÷47 (25÷34.5)
NS4-8M10	3/4" - 16 UNF	1/2"	10	-	34÷47 (25÷34.5)
NS4-8M12	3/4" - 16 UNF	1/2"	12	-	34÷47 (25÷34.5)
NS4-8	3/4" - 16 UNF	1/2"	-	1/2"	34÷47 (25÷34.5)
NS4-10M12	7/8" - 14 UNF	5/8"	12	-	54÷75 (40÷55)
NRS4-108	7/8" - 14 UNF	5/8"	-	1/2"	54÷75 (40÷55)
NS4-10M14	7/8" - 14 UNF	5/8"	14	-	54÷75 (40÷55)
NS4-10	7/8" - 14 UNF	5/8"	16	5/8"	54÷75 (40÷55)
NS4-12M14	1.1/16" - 14 UNS	3/4"	14	-	68÷71 (50÷52)
NRS4-1210	1.1/16" - 14 UNS	3/4"	16	5/8"	68÷71 (50÷52)
NS4-12M18	1.1/16" - 14 UNS	3/4"	18	-	68÷71 (50÷52)
NS4-12	1.1/16" - 14 UNS	3/4"	19	3/4"	68÷71 (50÷52)
NS4-14	1.1/4" - 12 UNF	7/8"	22	7/8"	90÷120 (66÷98)
NRS4-1614	1.3/8" - 12 UNF	1"	22	7/8"	120÷150 (98÷110)
NS4-16	1.3/8" - 12 UNF	1"	-	1"	120÷150 (98÷110)

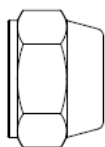
Bocchettoni girevoli



Mod.	Filetto ANSI/ASME B1.1	Conn. a cartella SAE J513	Coppia di serraggio
	filetto femmina		Nm (lbf-ft)
US4-4	7/16" - 20 UNF	1/4"	11÷14 (8÷10)
US4-6	5/8" - 18 UNF	3/8"	20÷25 (15÷18.5)
US4-8	3/4" - 16 UNF	1/2"	34÷47 (25÷34.5)
US4-10	7/8" - 14 UNF	5/8"	54÷75 (40÷55)

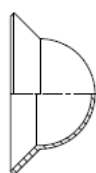
Modelli ordinabili
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Bocchettoni forgiati ciechi



Mod.	Filetto ANSI/ASME B1.1	Conn. a cartella SAE J513	Coppia di serraggio
	filetto femmina		Nm (lbf-ft)
N5-4	7/16" - 20 UNF	1/4"	11÷14 (8÷10)
N5-5	1/2" - 20 UNF	5/16"	8.5÷11.5 (6÷8.5)
N5-6	5/8" - 18 UNF	3/8"	20÷25 (15÷18.5)
N5-8	3/4" - 16 UNF	1/2"	34÷47 (25÷34.5)

Guarnizioni e cappucci in rame



Mod.	Conn. a cartella SAE J513	Pressione massima di lavoro PS
		bar (psi)
B1-4	1/4"	30 (430)
B1-6	3/8"	30 (430)
B1-8	1/2"	30 (430)
B1-10	5/8"	30 (430)
B1-12	3/4"	30 (430)

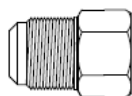


B2-4	1/4"	140 (2 030)
B2-6	3/8"	140 (2 030)
B2-8	1/2"	140 (2 030)
B2-10	5/8"	140 (2 030)
B2-12	3/4"	140 (2 030)



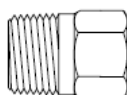
B3-4	1/4"	140 (2 030)
B3-6	3/8"	140 (2 030)
B3-8	1/2"	140 (2 030)
B3-10	5/8"	140 (2 030)
B3-12	3/4"	140 (2 030)

Tappi filettati SAE



Mod.	Filetto ANSI/ASME B1.1	Conn. a cartella SAE J513
	filetto maschio	
P2-4	7/16" - 20 UNF	1/4"
P2-6	5/8" - 18 UNF	3/8"
P2-8	3/4" - 16 UNF	1/2"

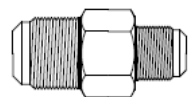
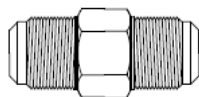
Tappi filettati NPT



Mod.	Filetto NPT ANSI B1.20.1
	filetto maschio
P1-A	NPT 1/8"
P1-B	NPT 1/4"
P1-C	NPT 3/8"
P1-D	NPT 1/2"

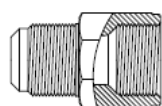
Modelli ordinabili
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Giunti diritti a cartella maschio-maschio



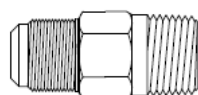
Mod.	Filetto ANSI/ASME B1.1		Conn. a cartella SAE J513	
	filetto maschio	filetto maschio	filetto maschio	filetto maschio
U2-4	7/16" - 20 UNF	7/16" - 20 UNF	1/4"	1/4"
UR2-64	5/8" - 18 UNF	7/16" - 20 UNF	3/8"	1/4"
U2-6	5/8" - 18 UNF	5/8" - 18 UNF	3/8"	3/8"
UR2-84	3/4" - 16 UNF	7/16" - 20 UNF	1/2"	1/4"
UR2-86	3/4" - 16 UNF	5/8" - 18 UNF	1/2"	3/8"
U2-8	3/4" - 16 UNF	3/4" - 16 UNF	1/2"	1/2"
UR2-104	7/8" - 14 UNF	7/16" - 20 UNF	5/8"	1/4"
UR2-106	7/8" - 14 UNF	5/8" - 18 UNF	5/8"	3/8"
UR2-108	7/8" - 14 UNF	3/4" - 16 UNF	5/8"	1/2"
U2-10	7/8" - 14 UNF	7/8" - 14 UNF	5/8"	5/8"
UR2-128	1.1/16" - 14 UNS	3/4" - 16 UNF	3/4"	1/2"
UR2-1210	1.1/16" - 14 UNS	7/8" - 14 UNF	3/4"	5/8"
U2-12	1.1/16" - 14 UNS	1.1/16" - 14 UNS	3/4"	3/4"

Giunti diritti a cartella maschio-femmina



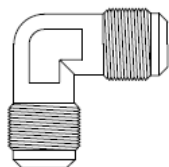
Mod.	Filetto ANSI/ASME B1.1		Conn. a cartella SAE J513	
	filetto femmina	filetto maschio	filetto femmina	filetto maschio
UP3-4	7/16" - 20 UNF	7/16" - 20 UNF	1/4"	1/4"
UR3-46	7/16" - 20 UNF	5/8" - 18 UNF	1/4"	3/8"
UR3-64	5/8" - 18 UNF	7/16" - 20 UNF	3/8"	1/4"
UP3-6	5/8" - 18 UNF	5/8" - 18 UNF	3/8"	3/8"
UR3-68	5/8" - 18 UNF	3/4" - 16 UNF	3/8"	1/2"
UR3-84	3/4" - 16 UNF	7/16" - 20 UNF	1/2"	1/4"
UR3-86	3/4" - 16 UNF	5/8" - 18 UNF	1/2"	3/8"
UP3-8	3/4" - 16 UNF	3/4" - 16 UNF	1/2"	1/2"
UR3-810	3/4" - 16 UNF	7/8" - 14 UNF	1/2"	5/8"
UR3-812	3/4" - 16 UNF	1.1/16" - 14 UNS	1/2"	3/4"
UR3-108	7/8" - 14 UNF	3/4" - 16 UNF	5/8"	1/2"
UR3-1012	7/8" - 14 UNF	1.1/16" - 14 UNS	5/8"	3/4"
UR3-128	1.1/16" - 14 UNS	3/4" - 16 UNF	3/4"	1/2"
UR3-1210	1.1/16" - 14 UNS	7/8" - 14 UNF	3/4"	5/8"

Giunti diritti, a cartella-NPT

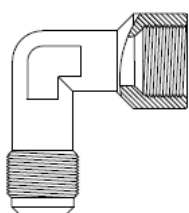


Mod.	Conn. a cartella SAE J513 Filetto ANSI/ASME B1.1		NPT Connection Thread ANSI B1.20.1
	filetto maschio	filetto maschio	filetto maschio
U1-4A	7/16" - 20 UNF	1/4"	NPT 1/8"
U1-4B	7/16" - 20 UNF	1/4"	NPT 1/4"
U1-6B	5/8" - 18 UNF	3/8"	NPT 1/4"
U1-6C	5/8" - 18 UNF	3/8"	NPT 3/8"
U1-8C	3/4" - 16 UNF	1/2"	NPT 3/8"
U1-8D	3/4" - 16 UNF	1/2"	NPT 1/2"
U1-10D	7/8" - 14 UNF	5/8"	NPT 1/2"
U1-12F	1.1/16" - 14 UNS	3/4"	NPT 3/4"
			filetto femmina
U3-4A	7/16" - 20 UNF	1/4"	NPT 1/8"

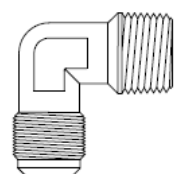
Modelli ordinabili
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Giunti a gomito a cartella maschio-maschio


Mod.	Filetto ANSI/ASME B1.1		Conn. a cartella SAE J513	
	filetto maschio	filetto maschio	filetto maschio	filetto maschio
E2-4	7/16" - 20 UNF	7/16" - 20 UNF	1/4"	1/4"
E2-6	5/8" - 18 UNF	5/8" - 18 UNF	3/8"	3/8"
E2-8	3/4" - 16 UNF	3/4" - 16 UNF	1/2"	1/2"
E2-10	7/8" - 14 UNF	7/8" - 14 UNF	5/8"	5/8"
E2-12	1.1/16" - 14 UNS	1.1/16" - 14 UNS	3/4"	3/4"

Giunti a gomito a cartella maschio-femmina


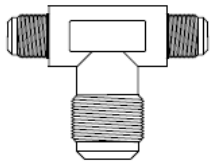
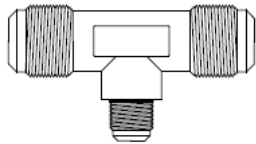
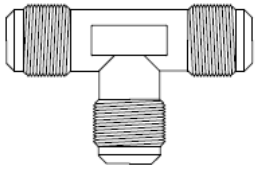
Mod.	Filetto ANSI/ASME B1.1		Conn. a cartella SAE J513	
	filetto femmina	filetto maschio	filetto femmina	filetto maschio
E3-4	7/16" - 20 UNF	7/16" - 20 UNF	1/4"	1/4"
E3-6	5/8" - 18 UNF	5/8" - 18 UNF	3/8"	3/8"
E3-8	3/4" - 16 UNF	3/4" - 16 UNF	1/2"	1/2"

Giunti a gomito, a cartella-NPT


Mod.	Conn. a cartella SAE J513 Filetto ANSI/ASME B1.1		Filetto NPT ANSI B1.20.1
	filetto maschio	filetto maschio	filetto maschio
E1-4A	7/16" - 20 UNF	1/4"	NPT 1/8"
E1-4B	7/16" - 20 UNF	1/4"	NPT 1/4"
E1-6B	5/8" - 18 UNF	3/8"	NPT 1/4"
E1-6C	5/8" - 18 UNF	3/8"	NPT 3/8"
E1-8C	3/4" - 16 UNF	1/2"	NPT 3/8"
E1-8D	3/4" - 16 UNF	1/2"	NPT 1/2"
E1-10D	7/8" - 14 UNF	5/8"	NPT 1/2"
E1-12F	1.1/16" - 14 UNS	3/4"	NPT 3/4"

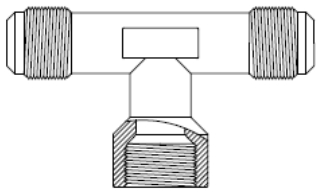
Modelli ordinabili
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Giunti a Tee a cartella maschio-maschio-maschio



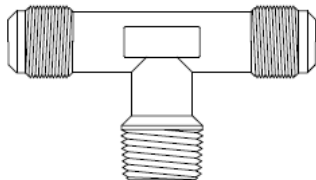
Mod.	Filetto ANSI/ASME B1.1						Conn. a cartella SAE J513
	1	filetto maschio	2	filetto maschio	3	filetto maschio	m-m-m
T2-4	7/16"	20 UNF	7/16"	20 UNF	7/16"	20 UNF	1/4"-1/4"-1/4"
TR2-46	7/16"	20 UNF	5/8"	18 UNF	7/16"	20 UNF	1/4"-3/8"-1/4"
TR2-64	5/8"	18 UNF	7/16"	20 UNF	5/8"	18 UNF	3/8"-1/4"-3/8"
T2-6	5/8"	18 UNF	5/8"	18 UNF	5/8"	18 UNF	3/8"-3/8"-3/8"
TR2-68	5/8"	18 UNF	3/4"	16 UNF	5/8"	18 UNF	3/8"-1/2"-3/8"
TR2-86	3/4"	16 UNF	5/8"	18 UNF	3/4"	16 UNF	1/2"-3/8"-1/2"
T2-8	3/4"	16 UNF	3/4"	16 UNF	3/4"	16 UNF	1/2"-1/2"-1/2"
TR2-810	3/4"	16 UNF	7/8"	14 UNF	3/4"	16 UNF	1/2"-5/8"-1/2"
TR2-108	7/8"	14 UNF	3/4"	16 UNF	7/8"	14 UNF	5/8"-1/2"-5/8"
T2-10	7/8"	14 UNF	7/8"	14 UNF	7/8"	14 UNF	5/8"-5/8"-5/8"
TR2-1012	7/8"	14 UNF	1.1/16"	14 UNS	7/8"	14 UNF	5/8"-3/4"-5/8"
TR2-1210	1.1/16"	14 UNS	7/8"	14 UNF	1.1/16"	14 UNS	3/4"-5/8"-3/4"
T2-12	1.1/16"	14 UNS	1.1/16"	14 UNS	1.1/16"	14 UNS	3/4"-3/4"-3/4"

Giunti a Tee a cartella maschio-femmina-maschio

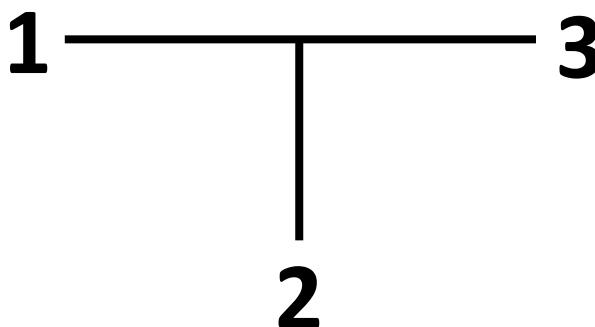


Mod.	Filetto ANSI/ASME B1.1						Conn. a cartella SAE J513
	1	filetto maschio	2	filetto femmina	3	filetto maschio	m-f-m
T6-4	7/16"	20 UNF	7/16"	20 UNF	7/16"	20 UNF	1/4"-1/4"-1/4"

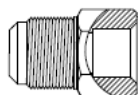
Giunti a Tee, a cartella-NPT-cartella



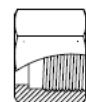
Mod.	Filetto ANSI/ASME B1.1 Conn. a cartella SAE J513		Filetto NPT ANSI B1.20.1		Filetto ANSI/ASME B1.1 Conn. a cartella SAE J513	
	1	filetto maschio	2	filetto maschio	3	filetto maschio
T1-4A	7/16"	20 UNF SAE Flare 1/4"	NPT 1/8"		7/16"	20 UNF SAE Flare 1/4"
T1-4B	7/16"	20 UNF SAE Flare 1/4"	NPT 1/4"		7/16"	20 UNF SAE Flare 1/4"



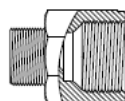
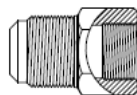
Modelli ordinabili
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Giunti diritti, a cartella-a brasare


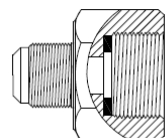
Mod.	Conn. a cartella SAE J513 Filetto ANSI/ASME B1.1		Conessioni ODS	
	filetto maschio	filetto maschio	mm	pollici
US3-44	7/16" - 20 UNF	1/4"	-	1/4"
US3-4M8	7/16" - 20 UNF	1/4"	8	-
US3-66	5/8" - 18 UNF	3/8"	-	3/8"
US3-6M10	5/8" - 18 UNF	3/8"	10	-
US3-8M12	3/4" - 16 UNF	1/2"	12	-
US3-88	3/4" - 16 UNF	1/2"	-	1/2"
US3-1010	7/8" - 14 UNF	5/8"	16	5/8"
US3-12M18	1.1/16" - 14 UNS	3/4"	18	-

Adattatore SAE-ODS, a cartella-a brasare


Mod.	Filetto ANSI/ASME B1.1	Conn. a cartella SAE J513	Diametro tubo		Coppia di serraggio
	filetto femmina		mm	pollici	Nm (lbf-ft)
NGR-4M6	7/16" - 20 UNF	1/4"	6	-	11÷14 (8÷10)
NGR-4	7/16" - 20 UNF	1/4"	-	1/4"	11÷14 (8÷10)
NGR-6	5/8" - 18 UNF	3/8"	-	3/8"	20÷25 (15÷18.5)
NGR-6M10	5/8" - 18 UNF	3/8"	10	-	20÷25 (15÷18.5)
NGR-8M12	3/4" - 16 UNF	1/2"	12	-	34÷47 (25÷34.5)
NGR-8	3/4" - 16 UNF	1/2"	-	1/2"	34÷47 (25÷34.5)
NGR-10	7/8" - 14 UNF	5/8"	16	5/8"	54÷75 (40÷55)
NGR-12M18	1.1/16" - 14 UNS	3/4"	18	-	68÷71 (50÷52)
NGR-12	1.1/16" - 14 UNS	3/4"	19	3/4"	68÷71 (50÷52)
NGR-14	1.1/4" - 12 UNF	7/8"	22	7/8"	90÷120 (66÷98)

Giunti diritti, a cartella-filetto GAS


Mod.	Conn. a cartella SAE J513 Filetto ANSI/ASME B1.1		Filetto GAS ISO 228 (BSP)	
	filetto maschio	filetto femmina	filetto maschio	filetto femmina
UP3-4G4F	7/16" - 20 UNF Cartella 1/4"	-	-	GAS f-1/4"
UP3-4G4M	-	7/16" - 20 UNF Cartella 1/4"	GAS m-1/4"	-

Adattatori per bombole: cartella SAE / filetto Withworth


Mod.	Conn. a cartella SAE J513 Filetto ANSI/ASME B1.1	Filetto Withworth BS 84	Note
	filetto maschio	filetto femmina	
U3X-4DX	7/16" - 20 UNF Cartella 1/4"	W21,8-14 (filetto destro)	Gli adattatori sono forniti con una guarnizione in Teflon® (PTFE) assemblata internamente.
U3X-4SX	7/16" - 20 UNF Cartella 1/4"	W20-14 (filetto sinistro)	
U32-4SX **	7/16" - 20 UNF Cartella 1/4"	W21,8-14 (filetto sinistro)	

** L'adattatore U32-4SX è specific per le bombole di refrigerante R32.