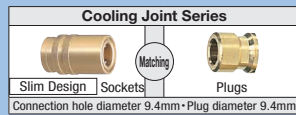


# JOINTS FOR COOLING WATER

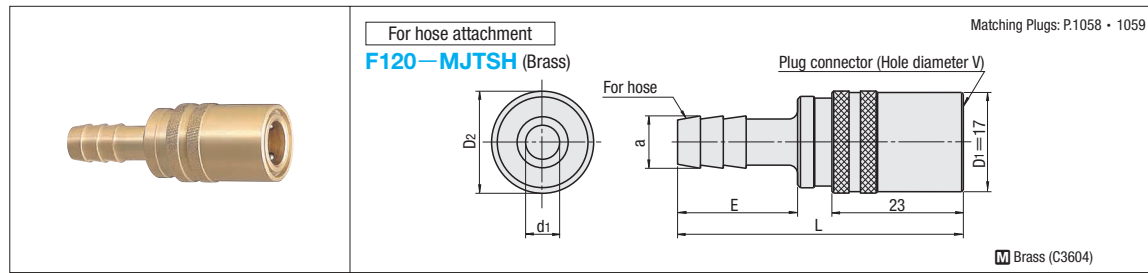
— SLIM DESIGN SOCKETS —



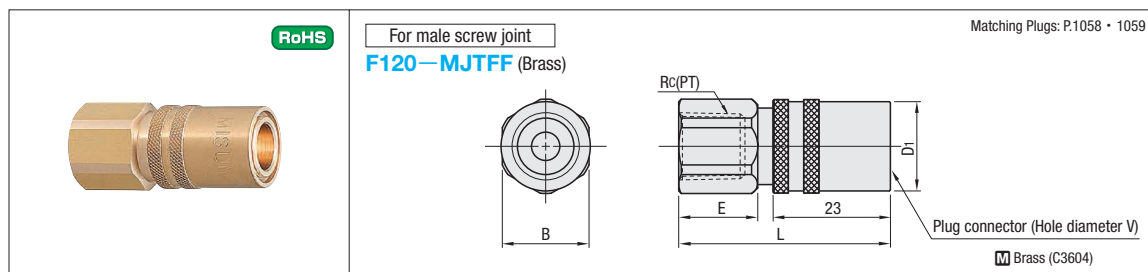
# JOINTS FOR COOLING WATER

— PLUGS —

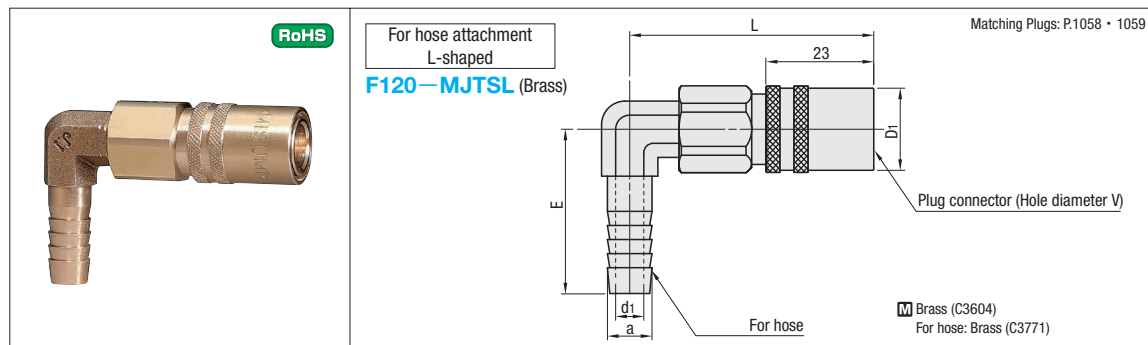
Ⓜ Non JIS material definition is listed on P.1351 - 1352



Matching Plug	Plug connection parts		D <sub>2</sub>	L	d <sub>1</sub>	For hose		Part Number		U/Price
	Hole diameter V	D <sub>1</sub>				a	E	Type	No.	
Cooling Joint Plugs Tip diameter V=9.4	9.4	17	17.5	50	6	8.9	21	F120-MJTSH (Brass)	2	Quotation
						11.5	21			



Matching Plug	Plug connection parts		L	E	B	Tapered female thread Rc(PT)	Part Number		U/Price
	V	D <sub>1</sub>					Type	No.	
Cooling Joint Plugs Tip diameter V=9.4	9.4	17	41.5	15.5	17	1/4	F120-MJTFF (Brass)	2	Quotation



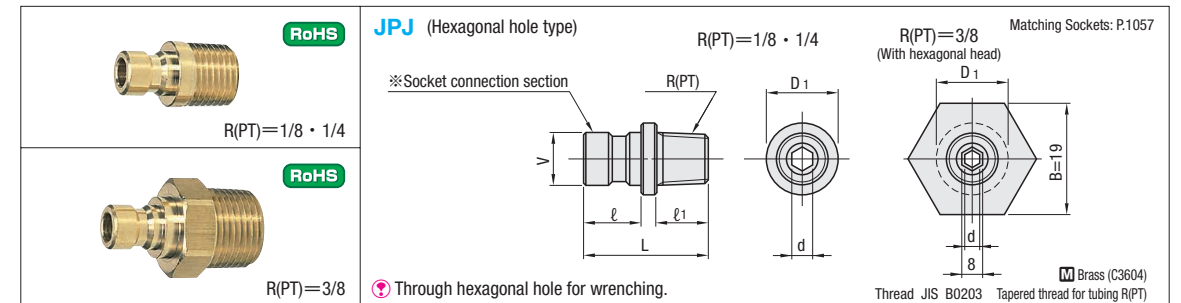
Matching Plug	Plug connection parts		L (Reference)	d <sub>1</sub>	For hose		Part Number		U/Price
	V	D <sub>1</sub>			a	E	Type	No.	
Cooling Joint Plugs Tip diameter V=9.4	9.4	17	(52)	6	9.5	31.5	F120-MJTSL (Brass)	2	Quotation

- Ⓜ Matching plugs: MISUMI's cooling joint plug JPJH • JPJ • LJPJ • LJPJH • JPLJ • JPLJM Ⓜ P.1058 • 1059
- Ⓜ Matching Joint Plug Connections Ⓜ P.1045
- Ⓜ Use in atmospheric pressure 980kPa (10kgf/cm<sup>2</sup>) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Guide for Socket • Plug Ⓜ P.1047 • 1048 • 1317~1320

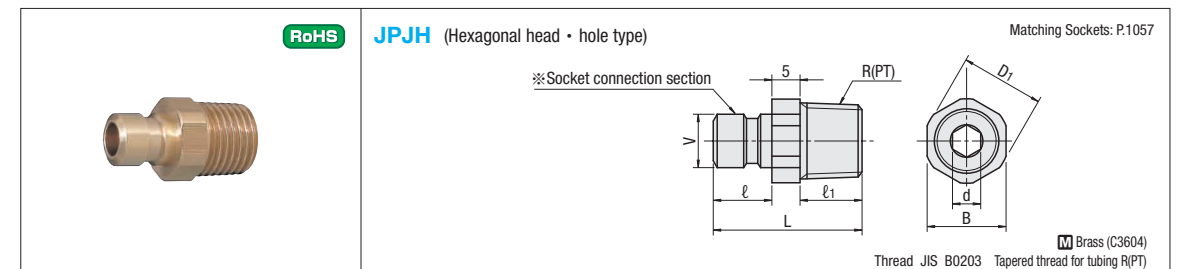
Order **Part Number**  
F120-MJTSH2  
F120-MJTFF2  
F120-MJTSL2

Price **Quotation**

Days to Ship **Quotation**



Matching Sockets	Socket connection parts		L	D <sub>1</sub>	Allen side B	Hexagonal wrench socket ⌀d	Tapered thread R(PT)	ℓ <sub>1</sub>	Part Number		U/Price
	V	ℓ							Type	No.	
Cooling Joint Series Socket hole diameter V=9.4	9.4	10.4	22.4	13	—	⌀5	1/8	9	Hexagonal hole type	1	Quotation
		13.4	24.4	14			1/4	11	JPJ (Brass)	2	
		—	32.4	13			3/8	12	3		



Matching Sockets	Socket connection parts		L	D <sub>1</sub>	Allen side B	Hexagonal wrench socket ⌀d	Tapered thread R(PT)	ℓ <sub>1</sub>	Part Number		U/Price
	V	ℓ							Type	No.	
Cooling Joint Series Socket hole diameter V=9.4	9.4	10.4	24.4	(13.5)	12	⌀5	1/8	9	Hexagonal head/hole type	1	Quotation
			26.4	(15.5)	14		1/4	11	JPJH (Brass)	2	

- Ⓜ Matching Joint Plug Connections Ⓜ P.1045
- Ⓜ Use in atmospheric pressure 980kPa (10kgf/cm<sup>2</sup>) or lower.
- Ⓜ These plugs are applicable to slim design sockets. Ⓜ P.1047
- Ⓜ Guide for Socket • Plug Ⓜ P.1047 • 1048 • 1317~1320

Order **Part Number**  
JPJ 2  
JPJH 2

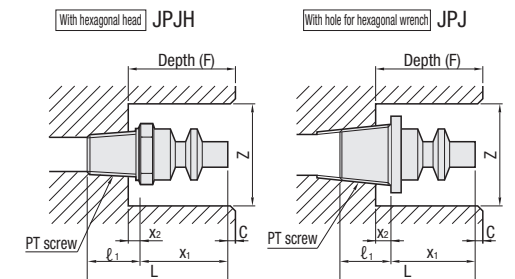
Price **Quotation**

Days to Ship **Quotation**

Cooling-use Plug (Standard type)						Attachment Hole		
Type	No.	Tapered male thread R(PT)	Full length L	Thread length ℓ <sub>1</sub>	x <sub>2</sub> (reference value)	Counterbore depth F (reference value)	Z (Counterbore hole diameter)	Tapered female thread Rc(PT)
JPJH	1	1/8	24.4	9	15.4	2~4	15.4+x <sub>2</sub>	18~ 20~ 1/8
	2	1/4	26.4	11	15.4	2~4	15.4+x <sub>2</sub>	18~ 23~ 1/4
JPJ	1	1/8	22.4	9	13.4	2~4	13.4+x <sub>2</sub>	18~ — 1/8
	2	1/4	24.2	11	13.4	2~4	13.4+x <sub>2</sub>	18~ — 1/4
	3	3/8	32.4	12	17.4	3~5	17.4+x <sub>2</sub>	22~ (29~) 3/8

Ⓜ Please note that C dimension is less than 2mm when combining with [Slim design] socket.

- Notes: 1. Setting C dimension over 2mm will cause the socket to bump on the mold and make attaching/detaching impossible.
- 2. x<sub>2</sub>(Reference values) Appropriate dimensions vary depending on the hole diameter as well as the tapping depth and finishing level.
- 3. Dimensions of JPJ shown in ( ) indicate the diameter of a counterbore for using a JIS B4636 socket wrench.



Cooling Components  
Couplers  
Quick Fitting Joints