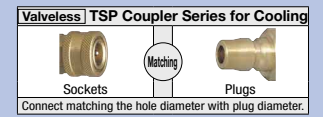


JOINTS FOR COOLING WATER

—PLUGS—

VALVELESS TSP COUPLERS FOR COOLING

—SOCKETS • PLUGS—



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

LJPJH (Hexagonal head long type) Matching Sockets: P.1057

※Socket connection section

Ⓜ Brass (C3604)
Thread JIS B0203 tapered thread for tubing R(PT)

LJPJ (Hexagonal hole long type) Matching Sockets: P.1057

※Socket connection section

Ⓜ Brass (C3604)
Thread JIS B0203 tapered thread for tubing R(PT)

Ⓜ Allen wrenching hole on both ends (socket connection and tapered thread parts). The hex-wrench hole extends to a point mid-way from both ends. It is not fully pierced.

Matching Sockets	Socket connection parts		D1	D2	d	Tapered thread R(PT)	ℓ1	Part Number		L
	V	ℓ						Type	No.	
Cooling Joint Series Socket hole diameter V=9.4	9.4	10.4	12	10	5.8	1/8	9	Hexagonale head, long	1	100 110 120 130 140 150 200
			14	13.2		1/4	11	LJPJH (Brass)	2	
	9.4	10.4	10	13.2	5	1/8	9	Hexagonale hole, long	1	
			14			1/4	11	LJPJ (Brass)	2	

JPLJM (L-shaped swivel type - Constant flow type) Matching Sockets: P.1057

※Socket connection section

Ⓜ Body: Brass (C3604)
Inner parts: Brass (C2700W)
Fluoric rubber
Fluoric rubber grease

JPLJ (L-shaped swivel type) Matching Sockets: P.1057

※Socket connection section

Ⓜ Brass (C3604)
Thread JIS B0203
Tapered thread for tubing R(PT)

Ⓜ Hexagonal hole bored at the tapered screw end.

Refer to P.1094 on the difference of inner structure of swivel type.

Matching Sockets	Socket connection parts		L	L2	Allen side B	Hexagonal wrench socket ⌀d	Tapered thread R(PT)	ℓ1	Part Number		U/Price
	V	ℓ							Type	No.	
Cooling Joint Series Socket hole diameter V=9.4	9.4	10.4	35.5	16.5	20	6	1/8	9.5	L-shaped swivel type	1	Quotation
			38.5				1/4	12.5	JPLJM (Brass)	2	
	9.4	10.4	36.5	15.75	19	5	1/8	9.5	L-shaped swivel type	1	
			39.5				1/4	12.5	JPLJ (Brass)	2	

- Ⓜ Matching Joint Plug Connections **P.1045**
- Ⓜ Use in atmospheric pressure 980kPa (10kgf/cm²) or lower.
- Ⓜ These plugs are applicable to slim design sockets. **P.1057**
- Ⓜ Guide for Socket • Plug **P.1047**
- Ⓜ Please use JPLJ • JPLJM at water temperature under 120°C.

Order **Part Number** — **L**
LJPJ 2 — 100
JPLJ 1

Days to Ship **Quotation**

Price **Quotation**

EX Example

• As for L-Shaped Swivel Plugs, the tube extraction angle can be altered by turning its head after tightening the screw.

Ⓜ Note that intermittent or continuous turning of the head could damage the O-ring, which results in water leakage.

Ⓜ Use TSP coupler series for cooling matching with the diameter size of socket and plug.

For hose attachment **F120-TSH** (Brass)

For male screw joint **F120-TSF** (Brass)

Ⓜ Brass (C3604)

Matching Plug	Plug connection parts		F120-TSH		F120-TSF		Part Number		U/Price	
	Hole diameter V	N	D1	L	d1	L	Allen side B	Type		No.
TSP couplers Tip diameter V=11	11	17	24	55	5	32	19	F120-TSH (Brass)	2	Quotation
TSP couplers Tip diameter V=14	14	17.5	28	62	7	35	23	F120-TSF (Brass)	3	
TSP couplers Tip diameter V=19	19	20	35	74	10	42	29	F120-TSF (Brass)	4	

- Ⓜ Matching plugs: MISUMI's TSP couplers for cooling F120-TPM (Ex.F120-TPM2) • SF120-TPM • F120-TPF • SF120-TPF **P.1060 • 1068**
Nitto's TSP couplers **TPM** (Ex.3TPM) • **TPF** • **TPH**
- Ⓜ Matching Joint Plug Connections **P.1045**
- Ⓜ Use in atmospheric pressure 980kPa (10kgf/cm²) or lower. Ⓜ Keep water temperature under 120°C.
- Ⓜ For TSP couplers for cooling, there is no automatic open/close valve because it is valveless type. Please confirm the hydraulic pressure and water temperature before removing the socket.

With hexagonal head **F120-TPM** (Brass)

For male screw joint **F120-TPF** (Brass)

Ⓜ Brass (C3604)

Matching Sockets	Socket connection parts		Int. Dia. d1	F120-TPM			F120-TPF			Part Number		U/Price	
	V	ℓ		L	Allen side B	Tapered male thread R(PT)	ℓ1	L	Allen side B	Tapered female thread Rc(PT)	Type		No.
TSP couplers Tip diameter V=11	11	18	6.5	38	17	1/4	13	34	17	1/4	F120-TPM (Brass)	2	Quotation
TSP couplers Tip diameter V=14	14	21	10	43	17	3/8	13	38	21	3/8	F120-TPF (Brass)	3	
TSP couplers Tip diameter V=19	19	24	13	52	22	1/2	17	45	29	1/2	F120-TPF (Brass)	4	

- Ⓜ Matching sockets: MISUMI's TSP couplers for cooling F120-TSH (Ex.F120-TSH3) • SF120-TSH • F120-TSF • SF120-TSF **P.1060 • 1068**
Nitto's TSP couplers **TSH** (Ex.3TSH) • **TSF** • **TSM**
- Ⓜ Matching Joint Plug Connections **P.1045**
- Ⓜ Use in atmospheric pressure 980kPa (10kgf/cm²) or lower.
- Ⓜ For TSP couplers for cooling, there is no automatic open/close valve because it is valveless type. Please confirm the hydraulic pressure and water temperature before removing the socket.

Order **Part Number**
F120-TSH2
F120-TPM2

Days to Ship **Quotation**

Price **Quotation**

Cooling Components
Couplers
Quick Fitting Joints