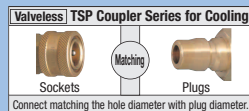


# VALVELESS TSP COUPLERS FOR COOLING

—SOCKETS • PLUGS—



Printed in Red



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

The volume discount rate is also applicable to alteration cost. All price & lead time are to be quoted.

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

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

M Brass (C3604)

Matching Plug	Plug connection parts			F120—TSH				F120—TSF			Part Number		U/Price
	Hole diameter V	N	D1	L	d1	For hose		L	Allen side B	Tapered female thread Rc(PT)	Type	No.	
						a	E						1~9
TSP couplers Tip diameter V=11	11	17	24	55	5	8	29	32	19	1/4	<b>F120—TSH</b> (Brass)	2	Quotation
TSP couplers Tip diameter V=14	14	17.5	28	62	7	11	32	35	23	3/8		3	
TSP couplers Tip diameter V=19	19	20	35	74	10	15	39	42	29	1/2	<b>F120—TSF</b> (Brass)	4	

Matching plugs: MISUMI's TSP couplers for cooling Nitto's TSP couplers  
 F120—TPM (Ex.F120—TPM2) • SF120—TPM • F120—TPF • SF120—TPF  
 TPM (Ex.3TPM) •  TPF •  TPH

Matching Joint Plug Connections  
 Use in atmospheric pressure 980kPa (10kgf/cm<sup>2</sup>) 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)

M 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.	
												1~9	
TSP couplers Tip diameter V=11	11	18	6.5	38	17	1/4	13	34	17	1/4	<b>F120—TPM</b> (Brass)	2	Quotation
TSP couplers Tip diameter V=14	14	21	10	43	17	3/8	13	38	21	3/8		3	
TSP couplers Tip diameter V=19	19	24	13	52	22	1/2	17	45	29	1/2	<b>F120—TPF</b> (Brass)	4	

Matching sockets: MISUMI's TSP couplers for cooling Nitto's TSP couplers  
 F120—TSH (Ex.F120—TSH3) • SF120—TSH • F120—TSF • SF120—TSF  
 TSH (Ex.3TSH) •  TSF •  TSM

Matching Joint Plug Connections  
 Use in atmospheric pressure 980kPa (10kgf/cm<sup>2</sup>) 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.



**Part Number**  
**F120—TSH2**  
**F120—TPM2**



Printed in Red  
 SGP Stock  
**3** Days

For area out of Singapore please refer to P.I.

**Quantity discount rate**

Quantity	1~9	10~50
Rate	—	5%