

# COMPACT · DOUBLE VALVES COOLING HIGH FLOW COUPLERS /

# VALVELESS TSP COUPLERS FOR COOLING

—STAINLESS STEEL SOCKETS · PLUGS—



PRINTED IN RED

Use cooling high flow coupler series matching with the diameter size of socket and plug.  
Please note it's not applicable to combining different sizes.

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

**RoHS**

For male screw joint  
**SF120—HFLS** (Stainless steel)

※Plug connector (Hole diameter V)  
Rc(PT) B<sub>1</sub> L N D<sub>1</sub>

For male screw joint  
**SF120—HFLP** (Stainless steel)

※Socket connection section Rc(PT)  
V R L B D<sub>1</sub>

M Stainless Steel (SUS303)

Matching Plug	Plug connection parts			L	Dihedral side B <sub>1</sub>	Tapered female thread Rc (PT)	Part Number			U/Price	Matching Sockets	Socket connection parts			L	D <sub>1</sub>	Allen side B	Tapered female thread Rc (PT)	Part Number			U/Price
	Hole diameter V	N	D <sub>1</sub>				Type	No.	1~9			V	ℓ	Type					No.	1~9		
High flow couplers Tip diameter V=15	15	17	26	47	19	1/4	<b>SF120—HFLS</b> (Stainless steel)	2	Quotation	High flow couplers Tip diameter V=15	15	16.5	30	18.5	17	1/4	<b>SF120—HFLP</b> (Stainless steel)	2	Quotation			
High flow couplers Tip diameter V=19	19	18	32	49	24	3/8		3		High flow couplers Tip diameter V=19	19	18	31	23	21	3/8		3				
High flow couplers Tip diameter V=22	22	21	35	60	29	1/2		4		High flow couplers Tip diameter V=22	22	22.5	37.5	32	29	1/2		4				

Use cooling high flow coupler series matching with the diameter size of socket and plug.  
Please note it's not applicable to combining different sizes.  
Use in atmospheric pressure 980kPa (10kgf/cm<sup>2</sup>) or lower.  
Keep water temperature under 120°C.  
For cooling high flow coupler, there are automatic open/close valves in socket and plug respectively due to the structure of double valves.

Use cooling high flow coupler series matching with the diameter size of socket and plug.  
Please note it's not applicable to combining different sizes.  
Use in atmospheric pressure 980kPa (10kgf/cm<sup>2</sup>) or lower.  
Keep water temperature under 120°C.  
For cooling high flow coupler, there are automatic open/close valves in socket and plug respectively due to the structure of double valves.

**RoHS**

For hose attachment  
**SF120—TSH** (Stainless steel)

※Plug connector (Hole diameter V)  
For hose  
d<sub>1</sub> E L N D<sub>1</sub>

For male screw joint  
**SF120—TSF** (Stainless steel)

※Plug connector (Hole diameter V)  
Rc(PT) B L N D<sub>1</sub>

Matching Plugs: SF120—TPM  
SF120—TPF  
M Stainless Steel (SUS303)

Matching Plug	Plug connection parts			SF120—TSH				SF120—TSF			Part Number		U/Price		1~9
	Hole diameter V	N	D <sub>1</sub>	L	d <sub>1</sub>	Applicable hoses	For hose a E	L	Allen side B	Tapered female thread Rc (PT)	Type	No.	SF120—TSH	SF120—TSF	
TSP couplers Tip diameter V=11	11	17	24	55	5	1/4	8 29	32	19	1/4	<b>SF120—TSH</b> (Stainless steel) <b>SF120—TSF</b> (Stainless steel)	2	Quotation		
TSP couplers Tip diameter V=14	14	17.5	28	62	7	3/8	11 32	35	23	3/8		3			
TSP couplers Tip diameter V=19	19	20	35	74	10	1/2	15 39	42	29	1/2		4			

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.

**RoHS**

Hexagonal head type  
**SF120—TPM** (Stainless steel)

※Socket connection section Rc(PT)  
V R R<sub>1</sub> L B d<sub>1</sub>

For male screw joint  
**SF120—TPF** (Stainless steel)

※Socket connection section Rc(PT)  
V R L B d<sub>1</sub>

Matching Socket: SF120—TSH  
SF120—TSF  
M Stainless Steel (SUS303)

Matching Sockets	Socket connection parts		Int. Dia. d <sub>1</sub>	SF120—TPM				SF120—TPF			Part Number		U/Price		1~9
	V	ℓ		L	Allen side B	Tapered male thread R(PT)	ℓ <sub>1</sub>	L	Allen side B	Tapered female thread Rc (PT)	Type	No.	SF120—TPM	SF120—TPF	
TSP couplers Tip diameter V=11	11	18	6.5	38	17	1/4	13	34	17	1/4	<b>SF120—TPM</b> (Stainless steel) <b>SF120—TPF</b> (Stainless steel)	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		4			

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  
SF120—HFLS2  
SF120—HFLP2  
SF120—TSH 3  
SF120—TPM 3



Delivery

Printed in Red • Printed in Blue  
SGP Stock **3** Days

For area out of Singapore, please refer to P.i.

Quantity discount rate

Quantity	1~9	10~50
Rate	—	5%

To be quoted on price & lead time above Max. Qty.

Stocks Availability Subjected to Prior Sales.