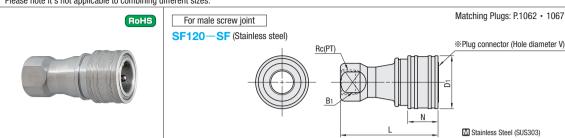
-STAINLESS STEEL SOCKETS • PLUGS-

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



Matching	Plug c	onnection	n parts	- 1	Dihedral side	Tapered female thread	Part Numbe	U/Price	
Plug	Hole diameter V	N	D ₁		B ₁	Rc(PT)	Type	No.	1∼9
SP couplers Tip diameter V=14	14	17.5	28	58	19	1/4	For male screw joint	2	
SP couplers Tip diameter V=19	19	20	35	65	21	3/8	SF120-SF	3	Quotation
SP couplers Tip diameter V=23.5	23.5	25.5	45	72	29	1/2	(Stainless steel)	4	

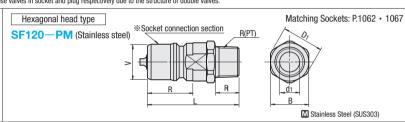
F120-PM • F120-PF ► P.1062 SF120-PM • SF120-PF ► Below

Guide for Sockets • Plugs
 P.1047 • 1048 • 1317 ~ 1320

- Matching plugs: MISUMI's SP couplers for cooling Nitto's SP couplers

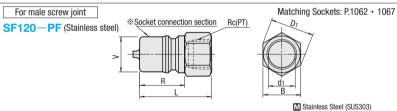
- Keep water temperature under 120℃.
- To SP couplers for cooling, there are automatic open/close valves in socket and plug respectively due to the structure of double valves.





Matching	Socket connection parts			D ₁	Allen side	Tapered male thread	ℓ1	Part Number	U/Price	
Sockets	Vℓ		_	וט	B R(PT)		£1	Туре	No.	1~9
SP couplers Tip diameter V=14	14	22	43.5	18.5	17	1/4	13	SF120-PM	2	Quetation
SP couplers Tip diameter V=19	19	25	50.4	23	21	3/8	13	(Stainless steel)	3	Quotation





Matching	Socket conn	ection parts		D ₁	Allen	Tapered female	Part Number		U/Price	
Sockets	٧	l		D1	side B thread Rc(PT) Type N		No.	1~9		
SP couplers Tip diameter V=14	14	22	36	18.5	17	1/4		2		
SP couplers Tip diameter V=19	19	25	40	23	21	3/8	SF120—PF (Stainless steel)	3	Quotation	
SP couplers Tip diameter V=23.5	23.5	28	44	32	29	1/2	,	4		

- Matching sockets: MISUMI's SP couplers for cooling
 - Nitto's SP couplers
- F120—SF **№ P.1062** SF120—SF **№ Above**□S (Ex.2S) Guide for Sockets • Plugs
 P.1047 • 1048 • 1317 ~ 1320
- Matching Joint Plug Connections
 P.1045
 - Keep water temperature under 120℃.
- Use in atmospheric pressure 980kPa (10kgf/cm²) or lower.
- To For SP couplers for cooling, there are automatic open/close valves in socket and plug respectively due to the structure of double valves.



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Part Number SF120-SF 2 SF120-PM2 SF120-PF 3









COMPACT · DOUBLE VALVES COOLING HIGH FLOW COUPLERS / VALVELESS TSP COUPLERS FOR COOLING

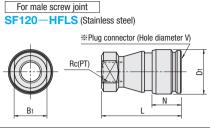
-STAINLESS STEEL SOCKETS • PLUGS-

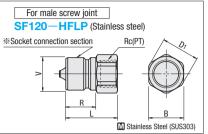
Tuest cooling high flow coupler series matching with the diameter size of socket and plug. Please note it's not applicable to combining different sizes.

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









Part Number U/Price Type No. 1~9

Matching	Plug connection parts			Dihedral Tapered female		Part Number		U/Price Matching		Socket connection parts			D ₁	Allen				
Plug	Hole diameter V	N	D ₁	_	side B1	thread Rc (PT)	Type	No.	1~9	Sockets	V	٤	_	Di	side B	thread Rc (PT)	Type	į
High flow couplers Tip diameter V=15	15	17	26	47	19	1/4	SF120-	2	ation	High flow couplers Tip diameter V=15	15	16.5	30	18.5	17	1/4	SF120-	Ī
High flow couplers Tip diameter V=19	19	18	32	49	24	3/8	HFLS (Stainless steel)	3	Quot	High flow couplers Tip diameter V=19	19	18	31	23	21	3/8	HFLP (Stainless steel)	

- Matching Plugs: F120—HFLP 壓 P.1063
- 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.
- Matching Joint Plug Connections PE P 1045
- Neen water temperature under 120°C
- To cooling high flow coupler, there are automatic open/close valves in socket and plug respectively due to the structure of double valves.
- Matching Sockets: F120—HFLS F.1063
- 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.
- Guide for Sockets Plugs
 P.1047 1048 1317~1320
 Matching Joint Plug Connections
 P.1045
- Guide for Sockets Plugs
 P.1047 1048 1317~1320
 Keep water temperature under 120°C.
 - To For cooling high flow coupler, there are automatic open/close valves in socket and plug respectively due to the

 - Matching Plugs: SF120—TPM For male screw joint For hose attachment SF120-TPF SF120-TSH (Stainless steel) SF120—TSF (Stainless steel) **Plug connector (Hole diameter V) ※Plug connector (Hole diameter V) For hose M Stainless Steel (SUS303)

Matahina	Plug conn	ection _l	oarts		S	F120-TS	Н			SF120-	TSF	Part Number	U/Price	1~9	
Matching Plug	Hole diameter V	N	D ₁	L	d ₁	Applicable hoses	For h	nose E	L	Allen side B	Tapered female thread Rc (PT)	Туре	No.	SF120-TSH	SF120-TSF
TSP couplers Tip diameter V=11	11	17	24	55	5	1/4	8	29	32	19	1/4	SF120-TSH	2		
TSP couplers Tip diameter V=14	14	17.5	28	62	7	3/8	11	32	35	23	3/8	(Stainless steel) SF120—TSF	3	Quot	ation)
TSP couplers Tip diameter V=19	19	20	35	74	10	1/2	15	39	42	29	1/2	(Stainless steel)	4		

- Matching plugs: P.1060
- Ouide for Sockets Plugs **► P.1047 1048 1317** ~ **1320**

Hexagonal head type

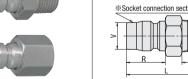
SF120—TPM (Stainless steel)

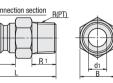
Use in atmospheric pressure 980kPa (10kgt/cm²) or lower.

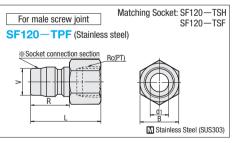
(Reep water temperature under 120°C.

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.









	Socket conne	Int.		SF12	0—TPM			SF120	-TPF	Part Number	U/Price 1~9			
Matching Sockets	V	l	Dia. d1	L	Allen side B	Tapered male thread R(PT)	ℓ ₁	L	Allen side B	Tapered female thread Rc (PT)	Туре	No.	SF120-TPM	SF120-TPF
TSP couplers Tip diameter V=11	11	18	6.5	38	17	1/4	13	34	17	1/4	SF120-TPM	2		
TSP couplers Tip diameter V=14	14	21	10	43	17	3/8	13	38	21	3/8	(Stainless steel) SF120—TPF	3	Quot	ation)
TSP couplers Tip diameter V=19	19	24	13	52	22	1/2	17	45	29	1/2	(Stainless steel)	4		

- Matching Joint Plug Connections F P.1045
- Guide for Sockets Plugs
 P.1047 1048 1317 ~ 1320
- Use in atmospheric pressure 980kPa (10kgf/cm²) or lower Trick to the continuity of the











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