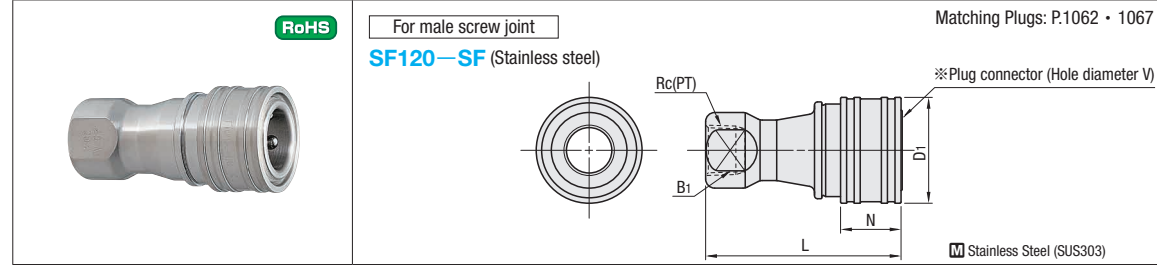


DOUBLE VALVES SP COUPLERS FOR COOLING

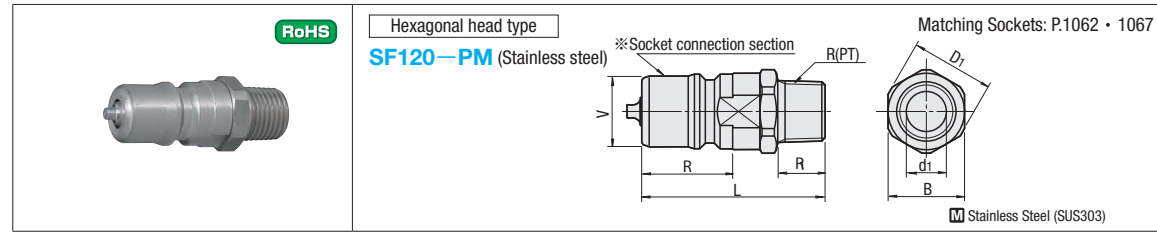
—STAINLESS STEEL SOCKETS • PLUGS—

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.

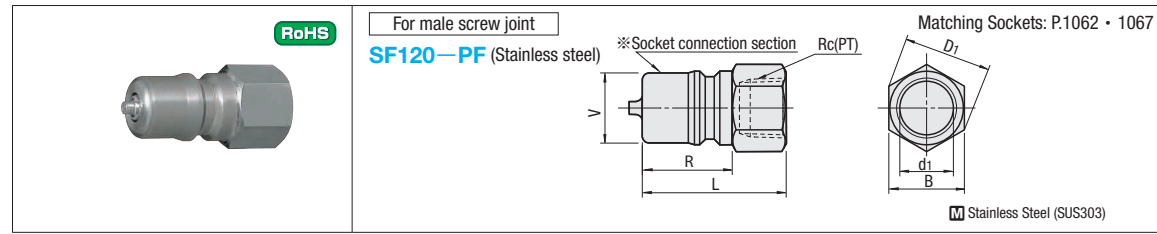


Matching Plug	Plug connection parts			L	Dihedral side B1	Tapered female thread Rc(PT)	Part Number		U/Price 1~9
	Hole diameter V	N	D1				Type	No.	
SP couplers Tip diameter V=14	14	17.5	28	58	19	1/4	For male screw joint SF120-SF (Stainless steel)	2	Quotation
SP couplers Tip diameter V=19	19	20	35	65	21	3/8		3	
SP couplers Tip diameter V=23.5	23.5	25.5	45	72	29	1/2		4	

Matching plugs: MISUMI's SP couplers for cooling Nitto's SP couplers
 F120-PM • F120-PF P.1062 SF120-PM • SF120-PF Below
 P (Ex.3P)
 Matching Joint Plug Connections P.1045 Guide for Sockets • Plugs P.1047 • 1048 • 1317~1320
 Use in atmospheric pressure 980kPa (10kgf/cm²) or lower.
 Keep water temperature under 120°C.
 For SP couplers for cooling, there are automatic open/close valves in socket and plug respectively due to the structure of double valves.



Matching Sockets	Socket connection parts		L	D1	Allen side B	Tapered male thread R(PT)	ℓ1	Part Number		U/Price 1~9
	V	ℓ						Type	No.	
SP couplers Tip diameter V=14	14	22	43.5	18.5	17	1/4	13	SF120-PM (Stainless steel)	2	Quotation
SP couplers Tip diameter V=19	19	25	50.4	23	21	3/8	13		3	



Matching Sockets	Socket connection parts		L	D1	Allen side B	Tapered female thread Rc(PT)	Part Number		U/Price 1~9
	V	ℓ					Type	No.	
SP couplers Tip diameter V=14	14	22	36	18.5	17	1/4	SF120-PF (Stainless steel)	2	Quotation
SP couplers Tip diameter V=19	19	25	40	23	21	3/8		3	
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
 P (Ex.2S)
 Matching Joint Plug Connections P.1045 Guide for Sockets • Plugs P.1047 • 1048 • 1317~1320
 Use in atmospheric pressure 980kPa (10kgf/cm²) or lower.
 Keep water temperature under 120°C.
 For SP couplers for cooling, there are automatic open/close valves in socket and plug respectively due to the structure of double valves.

Order **Part Number**
SF120-SF 2
SF120-PM 2
SF120-PF 3

Price **Quotation**

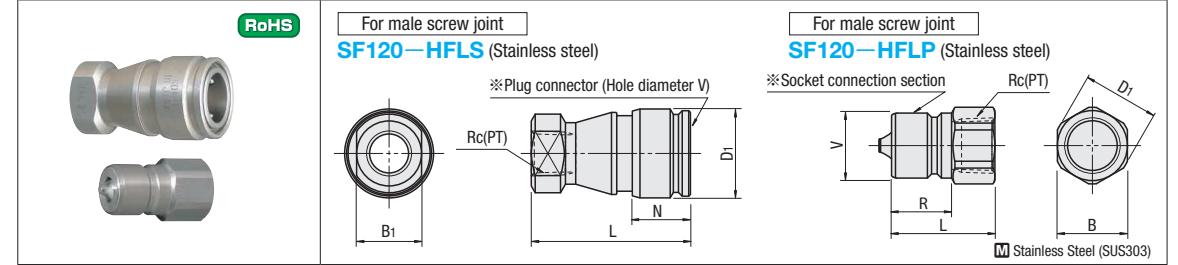
Days to Ship **Quotation**

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

—STAINLESS STEEL SOCKETS • PLUGS—

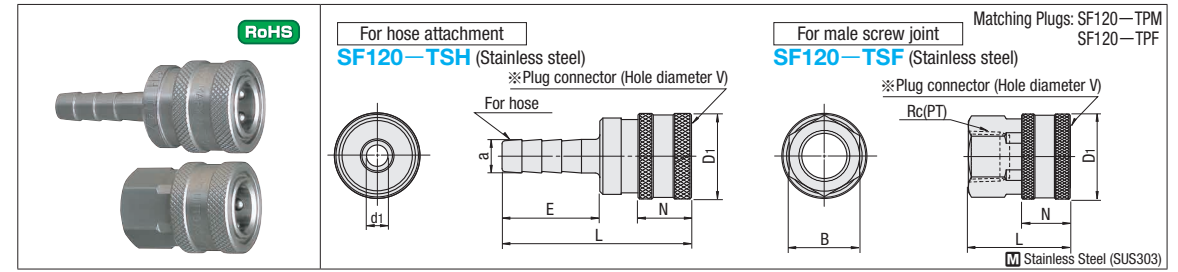
Use cooling high flow coupler series matching with the diameter size of socket and plug.
Please note it's not applicable to combining different sizes.

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



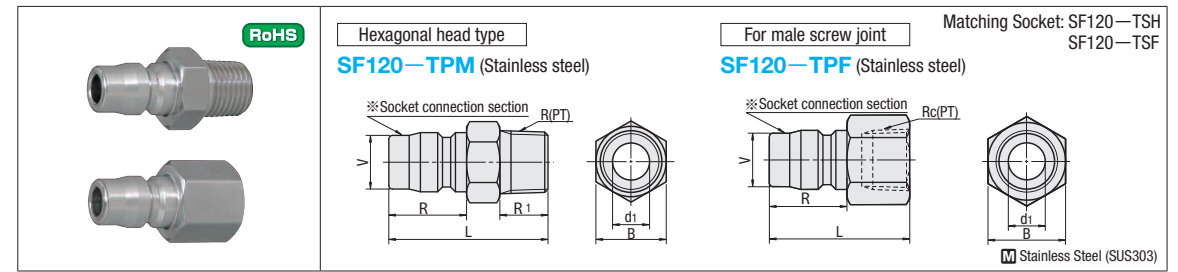
Matching Plug	Plug connection parts			L	Dihedral side B1	Tapered female thread Rc(PT)	Part Number		U/Price 1~9	Matching Sockets	Socket connection parts		L	D1	Allen side B	Tapered female thread Rc(PT)	Part Number		U/Price 1~9
	Hole diameter V	N	D1				Type	No.			V	ℓ					Type	No.	
High flow couplers Tip diameter V=15	15	17	26	47	19	1/4	SF120-HFLS (Stainless steel)	2	Quotation	High flow couplers Tip diameter V=15	15	16.5	30	18.5	17	1/4	SF120-HFLP (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	

Matching Plugs: F120-HFLP 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 P.1045 Guide for Sockets • Plugs P.1047 • 1048 • 1317~1320
 Use in atmospheric pressure 980kPa (10kgf/cm²) 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.



Matching Plug	Plug connection parts			SF120-TSH			SF120-TSF			Part Number		U/Price 1~9		
	Hole diameter V	N	D1	L	d1	Applicable hoses	For hose a	E	L	Allen side B	Tapered female thread Rc(PT)		Type	No.
TSP couplers Tip diameter V=11	11	17	24	55	5	1/4	8	29	32	19	1/4	SF120-TSH (Stainless steel)	2	Quotation
TSP couplers Tip diameter V=14	14	17.5	28	62	7	3/8	11	32	35	23	3/8		SF120-TSF (Stainless steel)	
TSP couplers Tip diameter V=19	19	20	35	74	10	1/2	15	39	42	29	1/2	4		

Matching plugs: P.1060
 Matching Joint Plug Connections P.1045 Guide for Sockets • Plugs P.1047 • 1048 • 1317~1320
 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.



Matching Sockets	Socket connection parts		Int. Dia. d1	SF120-TPM			SF120-TPF			Part Number		U/Price 1~9	
	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	SF120-TPM (Stainless steel)	2	Quotation
TSP couplers Tip diameter V=14	14	21	10	43	17	3/8	13	38	21	3/8		SF120-TPF (Stainless steel)	
TSP couplers Tip diameter V=19	19	24	13	52	22	1/2	17	45	29	1/2	4		

Matching sockets: P.1060
 Matching Joint Plug Connections P.1045 Guide for Sockets • Plugs P.1047 • 1048 • 1317~1320
 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**
SF120-HFLS 2
SF120-HFLP 2
SF120-TSH 3
SF120-TPM 3

Days to Ship **Quotation**

Price **Quotation**