

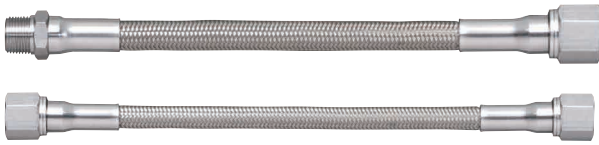
# MOLD-COOLING FLEXIBLE HOSES (STAINLESS STEEL)

# FLEXIBLE HOSE PLUGS (STAINLESS STEEL)

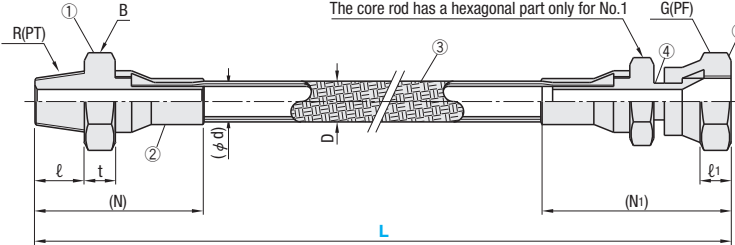
Only SUS—TKMM and SUS—TKMF plugs are applicable to SUS—TKSP and SUS—TKSF

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

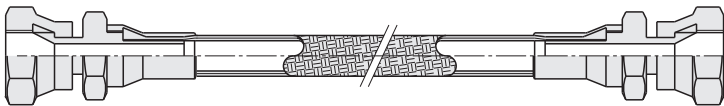
**RoHS**



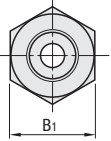
**SUS—TKSP** (One end male • female)



**SUS—TKSF** (Both ends female)



**Special Plugs SUS—TKMM SUS—TKMF**



① Nipple	SUS304
② Collar	
③ Wire braid	
④ Sleeve	
⑤ Cap nut	

Thread JIS B0202 parallel thread for tube G(PF)  
JIS B0203 tapered thread for tube R(PT)

R(PT)	(N)	l	t	B (Allen side)	Internal diameter of Hose (φ d)	External diameter of hose (D)	G(PF)	(Ni)	l <sub>1</sub>	B <sub>1</sub> (Allen side)	Part Number		L 50mm increments
											Type	No.	
1/8	40	10	8	14	4.7	7.7	1/8	43	7	14	SUS—TKSP (Male and female plugs)	1	200~1000
1/4	45	12	5	14	6.3	9.5	1/4	47	14	17	SUS—TKSF (Both ends: Female)	2	
3/8	49	13	6	19	7.9	11.3	3/8	51	16	21	SUS—TKSF (Both ends: Female)	3	

Order **Part Number** — **L**  
SUS—TKSP 1 — 900

**P** Price **Quotation**

Days to Ship **Quotation**

### Features

- Corrosion resistance** This product is made of stainless steel and conforms to RoHS, with excellent resistance to corrosion.
- Non-absorptive** Teflon® does not absorb moisture, so fluid does not ooze out from the pipe side.
- Storage life** Unlike a rubber hose, secular change of Teflon® is small and its life remains unchanged under all weather conditions.  
※Teflon® is the product name for polytetrafluoroethylene resin made by the U.S. Dupont corporation.  
This product uses Dupont's genuine Teflon.

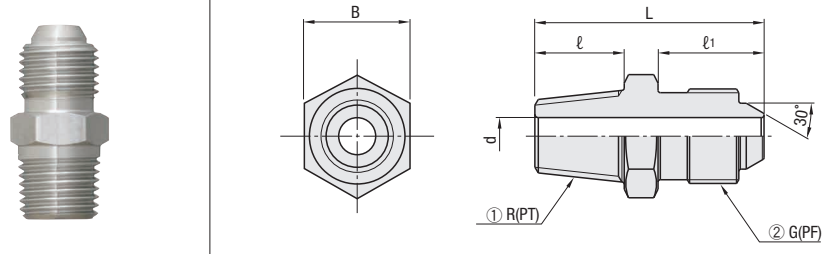
### Specifications

No.	1	2	3
Working pressure (MPa) (kgf/cm <sup>2</sup> )	20.58 (210)	20.58 (210)	17.15 (175)
Destructive pressure (MPa) (kgf/cm <sup>2</sup> )	96.04 (980)	96.04 (980)	82.32 (840)
Min. bend radius (mm)	51	77	102
Usable temperature range (standalone use)	-54°C ~ +200°C		

- Use SUS—TKSP and SUS—TKSF with care, because the cap nut shape differs from mold-cooling flexible hoses (FSHP, FSHF).
- Use special plugs (SUS—TKMM, SUS—TKMF) for SUS—TKSP and SUS—TKSF.  
Plugs for high-temperature hose (FSHG, FSHGR, FSHL, FSHLR, FSHLS) cannot be used.

**RoHS**

**SUS—TKMM** (Plugs for SUS—TKSP • SUS—TKSF)



M SUS 304

① R(PT)	② G(PF)	l	l <sub>1</sub>	d	B	L	Part Number		U/Price
							Type	No.	
1/8	1/8	10	13	4	14	29	SUS—TKMM	11	Quotation
1/4	1/4	12	14	5	14	31		22	
3/8	3/8	13	16	8	19	35		33	

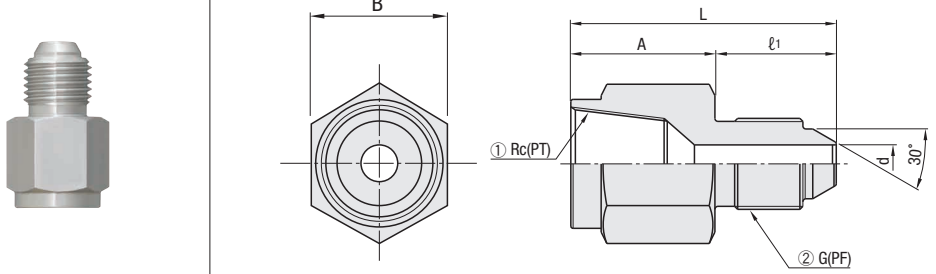
Order **Part Number**  
SUS—TKMM 22

**P** Price **Quotation**

Days to Ship **Quotation**

**RoHS**

**SUS—TKMF** (Plugs for SUS—TKSP • SUS—TKSF)



M SUS 304

① Rc(PT)	② G(PF)	A	l <sub>1</sub>	d	B	L	Part Number		U/Price
							Type	No.	
1/8	1/8	15	12	4	14	27	SUS—TKMF	11	Quotation
1/4	1/4	17	14	5	17	31		22	
3/8	3/8	19	16	8	21	35		33	

Order **Part Number**  
SUS—TKMF 22

**P** Price **Quotation**

Days to Ship **Quotation**

### Notes

- When installing the dedicated plug (SUS—TKMM, SUS—TKMF) to the cap nut of the flexible hose (SUS—TKSP, SUS—TKSF), do not use seal material to the dedicated plug side (parallel thread for tubing G) which may cause liquid leakage or damage as the seal tape interrupts the connection of plug and cap nut.
- Also, when fastening the dedicated plug by cap nut, half-turn the cap nut slightly from the original position by turning it by hand. Further turning may cause liquid leakage as the sleeve inside the cap nut to be cracked.

Cooling Components ②  
Joints • Hoses  
Cooling Inside of Mold