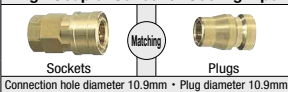


# HIGH COUPLERS FOR COOLING PIPE

—PLUGS—

High Coupler Series for Cooling Pipe



	<b>KHPM</b> (Hexagonal head type)	※Socket connection section			Matching Sockets: P.1053
	<b>JPLH</b> (Hexagonal head/hole type)	※Socket connection section			Matching Sockets: P.1053
	<b>JPL</b> (Hexagonal hole type)	※Socket connection section			Matching Sockets: P.1053

Material: Brass (C3604)  
Thread: JIS B0203  
Tapered thread for tubing R(PT)

⚠️ Through hexagonal hole for wrenching.

Matching Sockets	Socket connection parts		L	D1	Allen side B	Inner dia. d1	Hexagonal wrench socket $\phi d$	Tapered thread R(PT)	$\ell_1$	Part Number		U/Price 1~9						
	V	$\ell$								Type	No.							
High couplers series Socket hole diameter V=10.9	10.9	20	37	14	19	7.5	—	1/8	10	Hexagonal head type	1	Quotation						
			41					13	2									
			42					14	3									
			34					14	—		—		—	—	1/8	9	Hexagonal head/hole type	1
			36												11	2		
			32												9	1		
	10.9	20	34	14	—	—	—	1/4	11	Hexagonal hole type	2							
			34					11	2									
			37					18	3									

	<b>KHPH</b> (For hose attachment)	※Socket connection section			Matching Sockets: P.1053
	<b>KHPF</b> (For male screw joint)	※Socket connection section			Matching Sockets: P.1053

Material: Brass (C3604)  
Thread: JIS B0203  
Tapered thread for tubing R(PT)

Matching Sockets	Socket connection parts		L	D1	Inner dia. d1	For hose		Part Number		U/Price 1~9
	V	$\ell$				a	E	Type	No.	
High couplers series Socket hole dia. V=10.9	10.9	20	57	16	7.5	9	30	For hose attachment	2	Quotation
			61			11.3	34			

Matching Sockets	Socket connection parts		L	Allen side B	Inner dia. d1	Tapered female screw Rc(PT)	Part Number		U/Price 1~9
	V	$\ell$					Type	No.	
High couplers series Socket hole dia. V=10.9	10.9	20	32	14	7.5	1/8	For male screw joint	1	Quotation
			36			1/4			

Matching sockets: MISUMI's high couplers for cooling pipe KHSB · KHSM · KHSF · F120—KHSB · F120—KHSM · F120—KHSF **P.1053**

Nitto's high couplers □SH (Ex. 20SH) · □SM (Ex. K20SM) · □SF

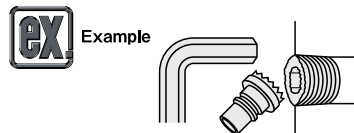
Matching Joint Plug Connections **P.1045** Use in normal pressure 980kPa (10kgf/cm<sup>2</sup>) or lower.

**Order** Part Number

JPLH 2  
JPL 2  
KHPH 2  
KHPF 2

**Mounting KHPM · JPLH · JPL · LJPL · LJPLH to Mold**

Embedding in the mold is not appropriate concerning KHPM/JPLH/JPL/LJPL/LJPLH due to the structure of the connecting socket. Use the unit after mounting them outside the mold. (At the time of attachment/detachment, counterbore diameter that a hand can fully enter is necessary due to its structure in which the socket tip is pulled by hand to attach/detach the socket.) **P.1047**



When an unexpected accident results in the cooling plug of JPLH, JPL, and LJPL breaking, it can be easily detached due to the presence of a hexagonal hole inside the diameter.

Use in atmospheric pressure 980kPa (10kgf/cm<sup>2</sup>) or lower.  
Guide for Plugs **P.1047**

# HIGH COUPLERS FOR COOLING PIPE

—PLUGS—

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

	<b>LJPLH</b> (Hexagonal head long type)	※Socket connection section			Matching Sockets: P.1053
	<b>LJPL</b> (Hexagonal hole long type)	※Socket connection section			Matching Sockets: P.1053

Material: Brass (C3604)  
Thread: JIS B0203  
Tapered thread for tubing R(PT)

⚠️ Allen wrenching hole on both ends (socket connection and tapered thread parts). The hex-wrench hole extends to a point mid-way from both ends. It is not fully pierced.

Matching Sockets	Socket connection parts		D1	D2	d	Tapered thread R(PT)	$\ell_1$	Part Number		L
	V	$\ell$						Type	No.	
High couplers series Socket hole diameter V=10.9	10.9	20	14	10	6	1/8	9	Hexagonal head, long	1	100 110 120 130 140 150 200
				13.2	7.6	1/4	11			
	10.9	20	14	10	5	1/8	9	Hexagonal hole, long	1	
				13.2		1/4	11			

40~115 5mm increments | 120~200 10mm increments

	<b>JPHLM</b> (L-shaped swivel type)	※Socket connection section			Matching Sockets: P.1053
	<b>JPHL</b> (L-shaped swivel type)	※Socket connection section			Matching Sockets: P.1053

Material: Body: Brass (C3604), Inner parts: Brass (C2700W), Fluoric rubber, Fluoric rubber grease

Material: Brass (C3604)  
Thread: JIS B0203  
Tapered thread for tubing R(PT)

⚠️ Hexagonal hole bored at the tapered screw end.

Matching Sockets	Socket connection parts		L	L2	Allen side B	Hexagonal wrench socket $\phi d$	Tapered thread R(PT)	$\ell_1$	Part Number		U/Price 1~9	
	V	$\ell$							Type	No.		
High couplers series Socket hole dia. V=10.9	10.9	20	35.5	16.5	20	6	1/8	9.5	L-shaped swivel type	1	Quotation	
			38.5				12.5	— Constant flow type —				2
			39.5				13.5					
	10.9	20	36.5	15.75	19	5	1/8	9.5	L-shaped swivel type	1		
			39.5				12.5	JPHL (Brass)				2
			42.5				13.5					

Matching sockets: MISUMI's high couplers for cooling pipe KHSB · KHSM · KHSF · F120—KHSB · F120—KHSM · F120—KHSF **P.1053**

Nitto's high couplers □SH (Ex. 20SH) · □SM (Ex. K20SM) · □SF

Matching Joint Plug Connections **P.1045** Use in normal pressure 980kPa (10kgf/cm<sup>2</sup>) or lower.

Please use JPHL · JPHLM at water temperature of 120°C or less.

**Order** Part Number — L

LJPLH 2 — 100  
LJPL 2 — 100  
JPHL 2

**Days to Ship** Quotation

**Price** Quotation

As for L-Shaped Swivel Plugs, the tube extraction angle can be altered by turning its head after tightening the screw.

Note that intermittent or continuous turning of the head could damage the O-ring, which results in water leakage.

