


JOINTS FOR COOLING WATER

-PLUGS-

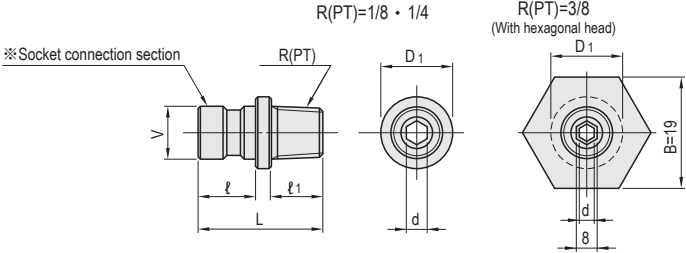
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Matching Joint Plug Connections **P.245** Guide for Socket + Plug **P.247** • 248

JPJ1 · 2 RoHS 10






JPJ (Hexagonal hole type) Matching Sockets: **P.257**







R(PT)=1/8 · 1/4 R(PT)=3/8
(With hexagonal head)

JPJ3 RoHS 10



-R  **-BU** 

-G  **-Y** 

-S  **-BK** 


⚠ Through hexagonal hole for wrenching.
⚠ Operating temp. range base on colors
Other than silver: ~100°C
Silver : ~150°C (The surface may turn brown when used at high temp.)

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

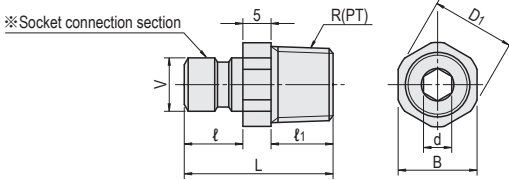
Max. pressure MPa (kgf/cm ²)	Matching sockets	Socket connection parts		L	D ₁	Allen side B	Hexagonal wrench socket ○ d	Tapered thread R(PT)	ℓ ₁	Opposite side Nominal dia.	Part Number		Unit Price		Color	Unit Price 1~3 pcs
		V	ℓ								Type	No.	1~9 pcs			
1.0 (10)	Cooling Joint Series Socket hole diameter V=9.4	9.4	10.4	22.4	13	-	○ 5	1/8	9	6A 1/8	Hexagonal hole type JPJ (Brass)	1	Quotation	Red	-R	Quotation
				24.4	14			1/4	11	8A 1/4				Blue	-BU	
				13.4	32.4			13	19	3/8				12	10A 3/8	
														Yellow	-Y	
														Silver	-S	
														Black	-BK	

⚠ Please designate the color code when ordering colored type plugs.
⚠ The color options are only available for JPJ1 and 2.

JPJH (Hexagonal head · hole type) RoHS 10



⚠ Socket connection section



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

Matching Sockets: **P.257**

Max. pressure MPa (kgf/cm ²)	Matching sockets	Socket connection parts		L	D ₁	Allen side B	Hexagonal wrench socket ○ d	Tapered thread R(PT)	ℓ ₁	Opposite side Nominal dia.	Part Number		Unit Price	
		V	ℓ								Type	No.	1~9 pcs	
1.0 (10)	Cooling Joint Series Socket hole diameter V=9.4	9.4	10.4	24.4	(13.5)	12	○ 5	1/8	9	6A 1/8	Hexagonal head / hole type JPJH (Brass)	1	Quotation	
				26.4	(15.5)	14		1/4	11	8A 1/4				2

⚠ These plugs are applicable to slim design sockets. **P.257**

Order

Part Number

Color

Days to Ship

Quotation

Price

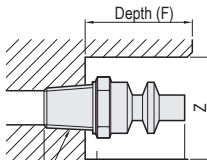
Quotation

EX Example

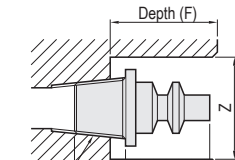
Cooling-use Plug (Standard type)										Attachment Hole		
Part Number	Tapered male thread R(PT)	Full length L	Thread length ℓ ₁	x ₁	x ₂ (reference value)	C	Counterbore depth F (reference value)	Z (Counterbore hole diameter)	When using hexagonal wrench	When using socket wrench	Tapered female thread Rc(PT)	
JPJH	1	1/8	24.4	9	15.4	2~4	15.4+x ₂	18~	20~	1/8		
	2	1/4	26.4	11	15.4	2~4	15.4+x ₂	18~	23~	1/4		
JPJ	1	1/8	24.2	9	13.4	2~4	13.4+x ₂	18~	-	1/8		
	2	1/4	24.2	11	13.4	2~4	13.4+x ₂	18~	-	1/4		
JPJ	3	3/8	32.4	12	17.4	3~5	17.4+x ₂	22~	(29~)	3/8		

⚠ Please note that C dimension is less than 2 mm when combining with Slim design socket.

With hexagonal head JPJH



With hole for hexagonal wrench JPJ



Notes: 1. Setting C dimension over 2 mm will cause the socket to bump on the mold and make attaching / detaching impossible.
2. x₂ (Reference values) varies depending on the hole diameter as well as the tapping depth and degree of finishing.
3. Dimensions of JPJ shown in () indicate the diameter of a counterbore for using a JIS B4636 socket wrench.