

GUIDE FOR COOLING COUPLERS

MISUMI's Mold Coupler (NITTO's Mold Coupler) Series Applicable Joint Plug Connections

Misumi	Nitto	Sockets	Plugs	Misumi	Nitto
KSH□ KTSH□ F120-KSH□	K□SH K□TSH K□SH (Fluoric rubber)	 For hose attachment (Volute type)	 Hexagonal head type	KPM□	K□PM
F120-KTSHBL□	—	—	 With hexagonal head/hole	JPSH□	—
F120-KSHL□	K□SHL (Fluoric rubber)	 For hose attachment (L-shaped)	 Hexagonal hole type	JPS□	—
KSM□ KTSM□ F120-KSM□	K□SM K□TSM K□SM (Fluoric rubber)	 For female screw joint (With male screw)	 Hexagonal head type	LJPS□	—
KFF□ KTFF□ F120-KFF□	K□SF K□TSF K□SF (Fluoric rubber)	 For male screw joint	 For L-shaped swivel tightening	LSPM□ LSP□	—
		 For male screw joint	 For male screw tightening	KPP□	K□PF
			 For hose attachment (Volute type)	KPH□	K□PH

※ Connector shape is common to all types.

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⚠ Note that large flow mold couplers series have different connector size, and not applicable. ⚠ Note that large flow mold couplers series have different connector size, and not applicable.

MISUMI's High Coupler (NITTO's High Coupler) Series for Cooling Pipe Applicable Joint Plug Connections

Misumi	Nitto	Sockets	Plugs	Misumi	Nitto
KHSH□ F120-KHSH□	□SH □SH (Fluoric rubber)	 For hose attachment (Volute type)	 Hexagonal head type	KHPM□	□PM
F120-KHSHW□	—	—	 With hexagonal head/hole	JPLH□	—
KHSM□ F120-KHSM□	□SM □SM (Fluoric rubber)	 For female screw joint (With male screw)	 Hexagonal hole type	JPL□	—
KHSF□ F120-KHSF□	□SF □SF (Fluoric rubber)	 For male screw joint	 Hexagonal head type	LJPL□	—
F120-MKHSH□	—	 Slim Design For hose attachment (Volute type)	 For L-shaped swivel tightening	JPHLM□ JPHL□	—
			 For male screw tightening (Tapped type)	KHPF□	□PF
			 For hose attachment (Volute type)	KHPH□	□PH

※ Connector shape is common to all types.

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⚠ Note that Nitto high coupler 400S□, 600S□ and 800S□ have different connector size and not applicable. ⚠ Note that Nitto high coupler 400P□, 600P□ and 800P□ have different connector size, and not applicable.

MISUMI's Large Flow Mold Coupler (NITTO's Large Flow Mold Coupler) Series Applicable Joint Plug Connections

Misumi	Nitto	Sockets	Plugs	Misumi	Nitto
K3-KSH□ K4-KSH□	K3-□SH K4-□SH	 For hose attachment (Volute type)	 Hexagonal head type	K3-KPM□ K4-KPM□	K3-□SH K4-□SH
			 With hexagonal head/hole	K3-JPSH□	—

※ Please note that the connection sizes of K3 type and K4 type are different.

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MISUMI's Double Valves SP Coupler (NITTO's SP Coupler) Series for Cooling Applicable Joint Plug Connections

Misumi	Nitto	Sockets	Plugs	Misumi	Nitto
F120-SF□ SF120-SF□	□S-A (Fluoric rubber) □S-A (SUS)	 For male screw joint (With tapped hole)	 Hexagonal head type	F120-PM□ SF120-PM□	□P-M (Fluoric rubber) □P-M (SUS)
			 For male screw joint	F120-PF□ SF120-PF□	□P (Fluoric rubber) □P (SUS) (Fluoric rubber)

Match the sizes of plug and socket.

※ Please note that the sizes of corresponding connectors are different respectively.

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MISUMI's Compact Double Valves Cooling High Flow Couplers (NITTO's High Flow Coupler) Series Applicable Joint Plug Connections

Misumi	Nitto	Sockets	Plugs	Misumi	Nitto
F120-HFLS□ SF120-HFLS□	HFL-□S (Fluoric rubber) HFL-□S (SUS)	 For male screw joint	 Hexagonal head type	F120-HFLM□	HFL-□P-M (Fluoric rubber)
			 For male screw joint	F120-HFLP□ SF120-HFLP□	HFL-□P (Fluoric rubber) HFL-□P (SUS)

Match the sizes of plug and socket.

※ Please note that the sizes of corresponding connectors are different respectively.

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MISUMI's Valveless TSP Coupler (NITTO's TSP Coupler) - Socket for Cooling Applicable Joint Plug Connections

Misumi	Nitto	Sockets	Plugs	Misumi	Nitto
F120-TSH□ SF120-TSH□	□TSH (Fluoric rubber) □TSH (SUS)	 For hose attachment (Volute type)	 Hexagonal head type	F120-TPM□ SF120-TPM□	□TPM (Fluoric rubber) □TPM (SUS) (Fluoric rubber)
F120-TSF□ SF120-TSF□	□TSF (Fluoric rubber) □TSF (SUS)	 For male screw joint (With tapped hole)	 Hexagonal hole type	F120-TPPF□ SF120-TPPF□	□TPPF (Fluoric rubber) □TPPF (SUS) (Fluoric rubber)

Match the sizes of plug and socket.

※ Please note that the sizes of corresponding connectors are different respectively.

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MISUMI's Cooling Joint Series (Applicable to Defitight Sockets.) Applicable Joint Plug Connections

Misumi	Sockets	Plugs	Misumi
F120-MJTSH□	 Slim design For hose attachment (Volute type)	 With hexagonal head/hole	JPJH□
F120-MJTFF□	 For male screw joint	 Hexagonal hole type	JPJ□
F120-MJTSL□	 For hose attachment (L-shaped)	 Hexagonal hole type	LJPJ□
		 Hexagonal head type	LJPJH□
		 For L-shaped swivel tightening	JPLJM□ JPLJ□

※ Connector shape is common to all types.