



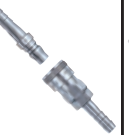


Guide for Selecting “NITTO KOHKI” Standard CUPLA

This chart will let you quickly select an appropriate CUPLA product for your application. For technical data, please refer to the detailed information pages of each product, Seal Material Selection Table and Body Material Selection Table at the end of this catalog.









Applicable fluid		For Low Pressure (Air)							
Name		MICRO CUPLA	SMALL CUPLA	COMPACT ZEROSPILL CUPLA	COMPACT CUPLA	CUBE CUPLA	SUPER CUPLA	HI CUPLA	HI CUPLA BL
Photo									
Body material	Brass	1.0	1.0		1.0			1.0	
	Stainless steel	1.0		1.0	1.0			1.5	1.5
	Steel						1.0	1.5	1.5
	Plastic					1.0			
	Others						1.0		
Working pressure (MPa)									
Body surface treatment		Plated (Brass only)	Chrome plated	Nickel plated (Socket only)	—	—	Chrome plated (Steel only)	Chrome plated (Steel only)	Chrome plated (Steel only)
Size	1/8"	○	○	○	○	○	○	○	
	1/4"		○	○			○	○	○
	5/16"								
	3/8"							○	○
	1/2"							○	○
	3/4"							○	
	1"							○	
	1 1/4"								
	1 1/2"								
	2"								
	2 1/2"								
	3"								
	4"								
	Others	○	○		○	○	○		○
Working temperature range		-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-10°C to +100°C (EPDM)	-20°C to +180°C (FKM)	-20°C to +60°C (NBR)	-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-20°C to +80°C (NBR)
Seal material		NBR, FKM	NBR	EPDM	FKM, EPDM	NBR	NBR	NBR, FKM	NBR
Connection method	Manual				○			○	○
	Push-to-connect	○	○	○		○	○		
Valve structure	Two-way shut-off				○	○			
	Two-way shut-off (Spill Reduction)			○					
	One-way shut-off	○	○			○	○	○	○
	Straight through					○			
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CUBE CUPLA
Select from All five colors
See page 33 to 36 for details.











Guide for Selecting “NITTO KOHKI” Standard CUPLA

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Applicable fluid		For Low Pressure (Air)							
Name		HI CUPLA 200	HI CUPLA for Connection to Braided Hoses	NUT CUPLA ROTARY NUT CUPLA	NUT CUPLA 200	LOCK CUPLA 200	HI CUPLA Two Way Type	FULL BLOW CUPLA	PURGE HI CUPLA PVR
Photo									
Body material • Working pressure (MPa)	Brass		1.0						
	Stainless steel								
	Steel	1.5	1.5	1.5	1.5	1.5	1.5		
	Plastic								
	Others							1.5	1.5
Body surface treatment		Chrome plated	Chrome plated (Steel only)	Chrome plated	Chrome plated	Chrome plated	Chrome plated	—	—
Size	1/8"								
	1/4"	○				○	○	○	
	5/16"								
	3/8"	○				○	○	○	
	1/2"	○				○	○	○	○
	3/4"								○
	1"								○
	1 1/4"								
	1 1/2"								
	2"								
	2 1/2"								
	3"								
	4"								
	Others	○	○	○	○	○		○	
Working temperature range		-20°C to +60°C (NBR)	-20°C to +80°C (NBR)	-20°C to +60°C (NBR)	-20°C to +60°C (NBR)	-20°C to +60°C (NBR)	-20°C to +80°C (NBR)	-20°C to +60°C (NBR)	-20°C to +60°C (NBR)
Seal material		NBR	NBR	NBR	NBR	NBR	NBR, FKM	NBR	NBR
Connection method	Manual		○	○			○		
	Push-to-connect	○			○	○		○	○
Valve structure	Two-way shut-off								
	Two-way shut-off (Spill Reduction)								
	One-way shut-off	○	○	○	○	○	○	○	○
	Straight through								
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Applicable fluid		For Low Pressure (Air)							
Name		PURGE HI CUPLA	PURGE LINE CUPLA	ROTARY LINE CUPLA	LINE CUPLA 200T/L/S	ROTARY FULL BLOW LINE CUPLA	HI CUPLA ACE	ROTARY PLUG	TWIST PLUG
Photo									
Body material • Working pressure (MPa)	Brass	1.0	1.0						
	Stainless steel								
	Steel							1.5	1.0
	Plastic						1.0, 1.5		
	Others			1.5	1.5	1.5			
Body surface treatment		Chrome plated	Chrome plated	Chrome plated	Chrome plated	—	—	Nickel plated	Nickel plated
Size	1/8"								○
	1/4"	○		○	○	○	○	○	○
	5/16"								
	3/8"	○					○	○	○
	1/2"	○	○	○	○	○			
	3/4"	○							
	1"								
	1 1/4"								
	1 1/2"								
	2"								
	2 1/2"								
	3"								
	4"								
	Others			○		○	○		
Working temperature range		-20°C to +60°C (NBR)	-20°C to +60°C (NBR)	-20°C to +60°C (NBR)	-20°C to +60°C (NBR)	-20°C to +60°C (NBR)	-20°C to +60°C (NBR)	-20°C to +80°C (NBR)	-20°C to +60°C (NBR)
Seal material		NBR	NBR	NBR	NBR	NBR	NBR	NBR	NBR
Connection method	Manual			○					
	Push-to-connect	○	○		○	○	○		
Valve structure	Two-way shut-off								
	Two-way shut-off (Spill Reduction)								
	One-way shut-off	○	○	○	○	○	○		
	Straight through								
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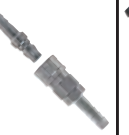

Guide for Selecting “NITTO KOHKI” Standard CUPLA

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Applicable fluid		For Low Pressure (Air)							For Oxygen and Fuel Gas
Name		PURGE PLUG	ANTI-VIBRATION PLUG HOSE	DUSTER CUPLA	NK CUPLA HOSE with FULL BLOW CUPLA	NK CUPLA HOSE with HI CUPLA ACE	NK CUPLA COIL HOSE with FULL BLOW CUPLA	NK CUPLA COIL HOSE with HI CUPLA ACE	MINI CUPLA
Photo									
Body material • Working pressure (MPa)	Brass								0.7
	Stainless steel								
	Steel	1.0							
	Plastic								
	Others		1.5	1.0	1.0	1.0	0.7	0.7	
Body surface treatment		Chrome plated	—	Chrome plated	Chrome plated (Plug only)	Chrome plated (Plug only)	Chrome plated (Plug only)	Chrome plated (Plug only)	—
Size	1/8"								○
	1/4"	○	○	○					○
	5/16"								○
	3/8"	○	○	○					○
	1/2"	○		○					
	3/4"								
	1"								
	1 1/4"								
	1 1/2"								
	2"								
	2 1/2"								
	3"								
	4"								
	Others	○		○	○	○	○	○	○
Working temperature range		-20°C to +60°C (NBR)	—	-20°C to +60°C (NBR)	-5°C to +60°C (NBR)	-5°C to +60°C (NBR)	-5°C to +60°C (NBR)	-5°C to +60°C (NBR)	-20°C to +80°C (NBR)
Seal material		NBR	—	NBR	NBR	NBR	NBR	NBR	NBR
Connection method	Manual			○					
	Push-to-connect				○	○	○	○	○
Valve structure	Two-way shut-off								
	Two-way shut-off (Spill Reduction)								
	One-way shut-off			○	○	○	○	○	○
	Straight through								
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Guide for Selecting “NITTO KOHKI” Standard CUPLA

This chart will let you quickly select an appropriate CUPLA product for your application. For technical data, please refer to the detailed information pages of each product, Seal Material Selection Table and Body Material Selection Table at the end of this catalog.

Applicable fluid		For Oxygen and Fuel Gas	For Low Pressure (Water)						
Name		MINI CUPLA SUPER	MICRO CUPLA	SMALL CUPLA	COMPACT ZERO SPILL CUPLA	COMPACT CUPLA	CUBE CUPLA	HI CUPLA	HI CUPLA ACE
Photo							 Choose from 5 colors 		
Body material • Working pressure (MPa)	Brass	0.7	1.0	1.0		1.0		1.0	
	Stainless steel		1.0		1.0	1.0		1.5	
	Steel	0.7							
	Plastic						1.0		1.0, 1.5
	Others								
Body surface treatment		Chrome plated	Plated (Brass only)	Chrome plated	Nickel plated (Socket only)	—	—	—	—
Size	1/8"		○	○	○	○	○	○	
	1/4"	○		○	○			○	○
	5/16"	○							
	3/8"	○						○	○
	1/2"							○	
	3/4"							○	
	1"							○	
	1 1/4"								
	1 1/2"								
	2"								
	2 1/2"								
	3"								
	4"								
	Others	○	○	○		○	○		○
Working temperature range		-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-10°C to +100°C (EPDM)	-20°C to +180°C (FKM)	-20°C to +60°C (NBR)	-20°C to +80°C (NBR)	-20°C to +60°C (NBR)
Seal material		NBR	NBR, FKM	NBR	EPDM	FKM, EPDM	NBR	NBR, FKM	NBR
Connection method	Manual					○		○	
	Push-to-connect	○	○	○	○		○		○
Valve structure	Two-way shut-off					○	○		
	Two-way shut-off (Spill Reduction)				○				
	One-way shut-off	○	○	○			○	○	○
	Straight through						○		
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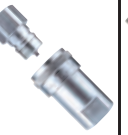
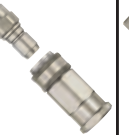

Guide for Selecting “NITTO KOHKI” Standard CUPLA

This chart will let you quickly select an appropriate CUPLA product for your application. For technical data, please refer to the detailed information pages of each product, Seal Material Selection Table and Body Material Selection Table at the end of this catalog.

Applicable fluid		For Low Pressure (Water)		For Medium Pressure / For Low Pressure					
Name		MOLD CUPLA	MOLD CUPLA High Flow Type	LEVER LOCK CUPLA	TSP CUPLA	TSP CUPLA with Ball Valve	SP CUPLA Type A	HOT WATER CUPLA HW Type	ZEROSPILL CUPLA
Photo									
Body material • Working pressure (MPa)	Brass	1.0	1.0		5.0, 3.0, 2.0, 1.5	1.0	5.0, 3.0, 2.0, 1.5	2.0	3.5
	Stainless steel			1.8, 1.6, 1.1	7.5, 4.5, 3.0, 2.0		7.5, 4.5, 3.0, 2.0		3.5
	Steel				7.5, 4.5, 3.0, 2.0		7.5, 4.5, 3.0, 2.0		
	Plastic			0.5, 0.2					
	Others			1.8, 1.1, 0.9, 0.7					
Body surface treatment		—	—	—	Nickel plated (Steel only)	—	Nickel plated (Steel only)	Nickel plated	—
Size	1/8"	○			○		○		
	1/4"	○	○		○	○	○	○	○
	5/16"								
	3/8"	○	○		○	○	○	○	○
	1/2"		○		○	○	○	○	○
	3/4"			○	○	○	○		○
	1"			○	○	○	○		○
	1 1/4"			○	○		○		
	1 1/2"			○	○		○		
	2"			○	○		○		
	2 1/2"			○					
	3"			○					
	4"			○					
	Others	○			○				
Working temperature range		-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-20°C to +80°C (NBR) +5°C to +50°C (PP body)	-20°C to +80°C (NBR)	-5°C to +120°C (FKM)	-20°C to +80°C (NBR)	-20°C to +180°C (FKM)	-20°C to +80°C (NBR)
Seal material		NBR, FKM	NBR, FKM	NBR, FKM, SI, EPDM	NBR, FKM, EPDM	FKM	NBR, FKM, EPDM	FKM	NBR, FKM, EPDM
Connection method	Manual			○	○	○	○	○	
	Push-to-connect	○	○						○
Valve structure	Two-way shut-off						○	○	
	Two-way shut-off (Spill Reduction)								○
	One-way shut-off	○	○			○			
	Straight through	○	○	○	○				
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Guide for Selecting “NITTO KOHKI” Standard CUPLA

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Applicable fluid		For High Pressure							
Name		HSP CUPLA	HYPER HSP CUPLA	210 CUPLA	HSU CUPLA	S210 CUPLA	280 CUPLA	350 CUPLA	FLATFACE CUPLA F35
Photo									
Body material • Working pressure (MPa)	Brass								
	Stainless steel				21.0	20.6			
	Steel	20.6, 18.0, 14.0	20.6	20.6			31.5, 27.5	34.5	35
	Plastic								
	Others								
Body surface treatment		Nickel plated	Nickel plated	Nickel plated	—	—	Bright chromate conversion coating	Nickel plated	Nickel plated
Size	1/8"								
	1/4"	○	○	○	○	○	○	○	○
	5/16"								
	3/8"	○	○	○	○	○	○	○	○
	1/2"	○	○	○	○	○	○	○	○
	3/4"	○	○	○	○	○	○	○	○
	1"	○	○	○	○	○	○	○	○
	1 1/4"	○						○	
	1 1/2"	○						○	
	2"	○							
	2 1/2"								
	3"								
	4"								
	Others								
Working temperature range		-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-20°C to +120°C (HNBR)	-20°C to +180°C (FKM)	-20°C to +80°C (NBR)	-20°C to +180°C (FKM)	-20°C to +180°C (FKM)
Seal material		NBR, FKM	NBR	NBR, FKM	HNBR	FKM, NBR	NBR	FKM	FKM
Connection method	Manual	○	○	○	○	○	○		
	Push-to-connect							○	○
Valve structure	Two-way shut-off	○	○	○	○	○	○		
	Two-way shut-off (Spill Reduction)							○	○
	One-way shut-off								
	Straight through								
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Guide for Selecting “NITTO KOHKI” Standard CUPLA

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Applicable fluid		For High Pressure			For Multi-Port Connection (Manual)				
Name		FLATFACE CUPLA FF	450B CUPLA	700R CUPLA	MULTI CUPLA MAM Type	MULTI CUPLA MAM-B Type	MULTI CUPLA MAM-A Type	MULTI CUPLA MAM-A-SP Type	MULTI CUPLA MAM-A-ZEL Type
Photo									
Body material • Working pressure (MPa)	Brass				0.7	1.0	1.0	1.0	1.0
	Stainless steel								
	Steel	35	44.1	68.6					
	Plastic								
	Others								
Body surface treatment		Nickel plated	Nickel plated	Nickel plated	Chrome plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Size	1/8"				○	○		○	
	1/4"					○	○	○	○
	5/16"								
	3/8"	○	○	○			○	○	○
	1/2"	○		○			○	○	○
	3/4"	○							
	1"	○							
	1 1/4"								
	1 1/2"								
	2"								
	2 1/2"								
	3"								
	4"								
	Others								
Working temperature range		-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-20°C to +80°C (NBR)	-20°C to +60°C (NBR)	-20°C to +180°C (FKM)	-20°C to +180°C (FKM)	-20°C to +180°C (FKM)	-20°C to +180°C (FKM)
Seal material		NBR	NBR, FKM	NBR, FKM	NBR	FKM	FKM	FKM	FKM
Connection method	Manual		○	○					
	Push-to-connect	○							
Valve structure	Two-way shut-off		○	○		○	○	○	
	Two-way shut-off (Spill Reduction)	○							○
	One-way shut-off				○				
	Straight through								
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Guide for Selecting “NITTO KOHKI” Standard CUPLA

This chart will let you quickly select an appropriate CUPLA product for your application. For technical data, please refer to the detailed information pages of each product, Seal Material Selection Table and Body Material Selection Table at the end of this catalog.

Applicable fluid		For Multi-Port Connection (Manual)		For Multi-Port Connection (Automatic)					For High Purity Chemicals
Name		MULTI CUPLA MAM-B Type Plate	MULTI CUPLA MAM-A Type Plate	MULTI CUPLA MAS Type	MULTI CUPLA MAT Type	MULTI CUPLA MALC-01 Type	MULTI CUPLA MALC-SP Type	MULTI CUPLA MALC-HSP Type	SEMICON CUPLA SP Type
Photo									
Body material • Working pressure (MPa)	Brass	—	—			1.0			
	Stainless steel	—	—	7.0	7.0		7.5, 5.0, 1.5		0.2
	Steel	—	—					25.0, 21.0	
	Plastic	—	—						
	Others	—	—						
Body surface treatment		—	—	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Electropolished
Size	1/8"	○				○	○	○	○
	1/4"	○	○	○	○		○	○	○
	5/16"								
	3/8"		○	○	○		○	○	○
	1/2"		○	○	○		○	○	○
	3/4"			○	○		○	○	○
	1"			○	○		○	○	○
	1 1/4"								
	1 1/2"						○		
	2"								
	2 1/2"								
	3"								
	4"								
	Others					○	○	○	
Working temperature range		—	—	−20℃ to +180℃ (FKM)	−20℃ to +180℃ (FKM)	−20℃ to +80℃ (NBR)	−20℃ to +180℃ (FKM)	−20℃ to +180℃ (FKM)	0℃ to +50℃ (FKM)
Seal material		—	—	FKM	FKM	NBR	FKM	FKM	FKM, EPDM, P, KL
Connection method	Manual								○
	Push-to-connect								
Valve structure	Two-way shut-off	—	—	○	○				○
	Two-way shut-off (Spill Reduction)	—	—				○	○	
	One-way shut-off	—	—			○			
	Straight through	—	—						
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Applicable fluid		For High Purity Chemicals					For Inert Gas and Vacuum	For Paint	
Name		SEMICON CUPLA SCS Type	SEMICON CUPLA SCY Type	SEMICON CUPLA SCT Type	SEMICON CUPLA SCAL Type	SEMICON CUPLA SCF Type	SP-V CUPLA Type A	PCV PIPE CUPLA	PAINT CUPLA
Photo									
Body material • Working pressure (MPa)	Brass						5.0, 3.0	4.5	
	Stainless steel	0.2	0.2				7.5, 4.5		1.0 (Plug)
	Steel								
	Plastic			0.2	0.2	0.2			
	Others								1.0 (Socket)
Body surface treatment		Electropolished	Electropolished	—	—	—	—	—	—
Size	1/8"	○	○						
	1/4"	○	○	○	○		○	○	
	5/16"								
	3/8"	○	○	○	○	○	○	○	○
	1/2"	○	○	○	○	○	○		
	3/4"	○	○	○	○		○		
	1"	○	○	○					
	1 1/4"								
	1 1/2"								
	2"								
	2 1/2"								
	3"								
	4"								
	Others					○		○	
Working temperature range		0°C to +50°C (P)	0°C to +50°C (P)	+5°C to +50°C (FKM)	+5°C to +50°C (P)	+5°C to +50°C (FKM)	-20°C to +80°C (CR)	-20°C to +80°C (CR)	0°C to +50°C (PFA)
Seal material		P (O-ring for socket)	P, PTFE (Packing seal for socket)	FEP-coated FKM (O-ring for socket)	P (O-ring for socket)	FEP-coated FKM (O-ring for socket)	CR, FKM, HNBR	CR, FKM, HNBR	PFA
Connection method	Manual	○	○	○			○	○	○
	Push-to-connect				○	○			
Valve structure	Two-way shut-off	○	○	○		○	○		
	Two-way shut-off (Spill Reduction)				○				
	One-way shut-off								○
	Straight through							○	
Detailed information page		144	145	146	147	148	149	151	153

Guide for Selecting “NITTO KOHKI” Standard CUPLA

This chart will let you quickly select an appropriate CUPLA product for your application. For technical data, please refer to the detailed information pages of each product, Seal Material Selection Table and Body Material Selection Table at the end of this catalog.

Applicable fluid		For Food
Name		HYGIENIC CUPLA Easy Wash Type
Photo		
Body material • Working pressure (MPa)	Brass	
	Stainless steel	1.0
	Steel	
	Plastic	
	Others	
Body surface treatment		Buff finish #400 (liquid contact part)
Size	1/8"	
	1/4"	
	5/16"	
	3/8"	
	1/2"	
	3/4"	
	1"	
	1 1/4"	
	1 1/2"	
	2"	
	2 1/2"	
	3"	
	4"	
	Others	○
Working temperature range		0°C to +110°C (SI)
Seal material		SI, FKM, EPDM
Connection method	Manual	
	Push-to-connect	○
Valve structure	Two-way shut-off	
	Two-way shut-off (Spill Reduction)	
	One-way shut-off	
	Straight through	○
Detailed information page		155

Semi-standard CUPLA Series

"Semi-standard CUPLA Series" are products with an already established record but are not standard stock items.

CUPLA Safety Mechanism

CUPLA with Single Lock (BL/PL)

P157

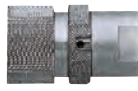
Accidental disconnection prevention mechanism



CUPLA with Safety Lock (SL)

P157

Accidental disconnection prevention mechanism

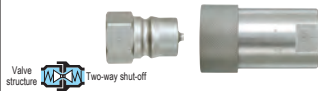


For High Pressure

HSP-DC CUPLA

P158

For hydraulic pressure up to 20.6 MPa (210 kgf/cm²)

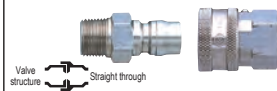


Working pressure : 20.6 MPa (210 kgf/cm²)
Body material : Special steel (Nickel plated)
Application : 1/4" to 1"
Seal material : NBR

TSP-HP CUPLA (for High Pressure)

P162

High pressure and general purpose type



Working pressure : 9.0 MPa (92 kgf/cm²)
Body material : Stainless steel
Application : 1/4" to 1/2"
Seal material : NBR, EPDM

For Temperature Controllers

HI FLOW CUPLA

P159

For piping to control temperatures
Applicable fluid: Water, Heat transfer fluids



Working pressure : 1.0 MPa (10 kgf/cm²)
Body material : Stainless steel, Brass
Application : 1/4" to 1/2"
Seal material : EPDM, FKM

HI FLOW CUPLA BI Type

P160

HI FLOW CUPLA with ferrule flange mount
Applicable fluid: Water, Heat transfer fluids



Working pressure : 1.0 MPa (10 kgf/cm²)
Body material : Stainless steel
Application : 1/8" to 1/2"
Seal material : EPDM, FKM

For Medium Pressure

SP CUPLA Type A PV Type

P161

Connectable with residual pressure with Purge Valve



Working pressure : 2.0 to 4.5 MPa (20 to 46 kgf/cm²)
Body material : Brass, Stainless steel
Application : Rc 3/4 to Rc 1 1/2
Seal material : NBR

For Low Pressure (air)

PLASTIC CUPLA BC Type

P162

Valveless type for low pressure air piping



Working pressure : 0.07 MPa (0.7 kgf/cm²)
Body material : Plastic
Application : 1/4", 3/8"
Seal material : NBR

When placing your order

Please select your appropriate combination from the column in each product page (on the right beside the product name) then decide the seal and body materials from the selection tables listed at the end of the catalog.

Accessories

Accessories

DIP MOLD DUST CAP

P163

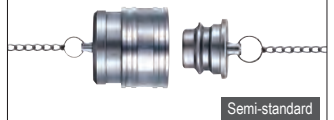
DUST CAPS for HI CUPLA, SP CUPLA Type A, TSP CUPLA, ZEROSPILL CUPLA and HYDRAULIC CUPLA



SAFETY CAP

P163

Metal caps for HI CUPLA Series, SP CUPLA Type A, TSP CUPLA and HYDRAULIC CUPLA



Semi-standard

DUST CAP

P164

DUST CAP Plastic Cap for HI CUPLA Series and FULL BLOW CUPLA



For FULL BLOW CUPLA

For HI CUPLA Series

DUST CAP

P164

Dedicated polyethylene cap for HYGIENIC CUPLA



SLEEVE COVER

P164

Plastic cover for FULL BLOW CUPLA



PROTECTION COVER

P164

Plastic Cover for NUT CUPLA and FULL BLOW CUPLA Nut Type



SLEEVE STOPPER

P165

Sleeve Stopper for SP CUPLA Type A



ACCESSORIES for O-RING MAINTENANCE

P165

Jigs & grease for replacement of O-rings for couplings For SP CUPLA Type A, TSP CUPLA, HOT WATER CUPLA, ZEROSPILL CUPLA, HSP CUPLA, HSU CUPLA and HYGIENIC CUPLA



RESIDUAL PRESSURE RELEASE JIG

P166

Residual Pressure Release Jig for SP CUPLA and HYDRAULIC CUPLA



Semi-standard

CUPLA ADAPTER for Braided Hose Connection

P166

Mounts on CUPLA plug / socket with female thread



FLOW MONITOR Replaceable Flow Vane type

P167

For checking the water flow of mold cooling water pipes



FLOW METER

P168

Flow meter with special valve for mold cooling line



PURGE ADAPTER

P169

Residual Pressure Purge Adapter for Hydraulic Lines



CUPLA CONNECTING JIG

P170

Connecting Jig for large CUPLA



AUTO CLAMP UNIT for MULTI CUPLA

P171

For retaining reaction force of MULTI CUPLA



NEW

Adapter for MULTI CUPLA MALC Type

P177

Adapter for male thread mounting for MULTI CUPLA








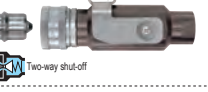

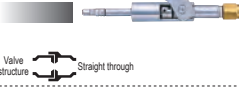






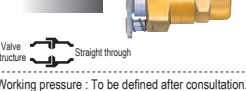
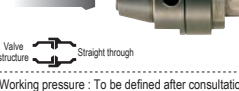
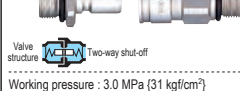

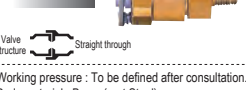


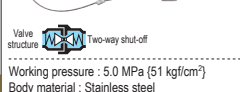
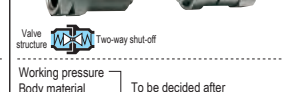

NEW

Special Made-to-Order CUPLA

Nitto Kohki is developing couplings with various functions and specifications to suit respective user's applications. CUPLA products on this page are examples of such.



Special made-to-order couplings are supplied based upon the specific instructions / specifications detailed by the customer. Once written acceptance of our final drawing / specifications of CUPLA is received from the customer we formally accept this as a final order. It is essential, as the customer, to carry out a performance test of the special made-to-order CUPLA, in its specific usage conditions, for assurance of safety and adaptability to the hoses, pipes or devices used in the application. Use of the made-to-order CUPLA in any application or condition other than those specified in the design drawing, will exclude Nitto Kohki from any liabilities for any special, indirect or consequential loss or damages.

For Inert Gases	For Gases and Liquids (PIPE CUPLA Series)	For Inert Gas and Vacuum	For High Purity Chemicals	Automatic MULTI CUPLA
CHARGE CUPLA cs Type For industrial gases Connectable to SP-V CUPLA plugs  Valve structure: Two-way shut-off Working pressure : 3.0 MPa (31 kgf/cm ²) Body material : Stainless steel (part Aluminum alloy and Brass) Application : 1/4" Seal material : CR, HNBR	PCB CUPLA For expanded pipes  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Brass (part Stainless steel) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	PCA CUPLA Pipes for high pressure line  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Brass (part Stainless steel and Steel) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	SEMICON CUPLA SML Type For semiconductor manufacturing equipment  Valve structure: Two-way shut-off Working pressure : 0.2 MPa (2 kgf/cm ²) Body material : Stainless steel Application : 1/8", 1/4" Seal material : FKM, EPDM, others	MULTI CUPLA AMCS-FA Type Full automatic operation type  Valve structure: Two-way shut-off Working pressure : To be decided after consultation. Body material : Application : Seal material :
CHARGE CUPLA CNR Type For industrial gases Connectable to SP-V CUPLA plugs  Valve structure: Two-way shut-off Working pressure : 4.5 MPa (46 kgf/cm ²) Body material : Stainless steel (part Aluminum alloy and Brass) Application : 1/4", 3/8", 1/2" Seal material : CR, HNBR	PCBW CUPLA For bulged pipes and spool pipes  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Brass (part Stainless steel) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	PCIO CUPLA For pipes that have inner locking system  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Stainless steel (part Brass) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	SEMICON CUPLA scf Straight Type For semiconductor manufacturing equipment *see page 148  Valve structure: Two-way shut-off Working pressure : 0.2 MPa (2 kgf/cm ²) Body material : Fluorine contained resin Application : 3/8", 1/2" Seal material : FEP-coated FKM, Fluoro-resin	MULTI CUPLA AMCS-SA Type Semi-automatic type  Valve structure: Two-way shut-off Working pressure : To be decided after consultation. Body material : Application : Seal material :
AUTO CUPLA AC Type For industrial gases Connectable to SP-V CUPLA plugs  Valve structure: Two-way shut-off Working pressure : 3.0 MPa (31 kgf/cm ²) Body material : Stainless steel (part Aluminum alloy and Brass) Application : 1/4", 3/8" Seal material : CR, HNBR, NBR	PCP CUPLA For bulged pipes and spool pipes  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : POM (Polyacetal), part Stainless steel Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	PCD CUPLA For pipes of special shapes  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Stainless steel (part Aluminum alloy) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	For Water	
AUTO CUPLA acv Type For industrial gases Connectable to SP-V CUPLA plugs  Valve structure: Two-way shut-off Working pressure : 3.0 MPa (31 kgf/cm ²) Body material : Stainless steel (part Aluminum alloy and Brass) Application : 1/4", 3/8" Seal material : CR, HNBR, NBR	PCBL CUPLA For straight pipes  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Stainless steel (part Brass) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	AUTO CUPLA For copper pipes  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Stainless steel (part Brass) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	AIRLESS CUPLA For physical and chemical devices  Valve structure: Two-way shut-off Working pressure : 3.0 MPa (31 kgf/cm ²) Body material : Stainless steel Application : 1/4" to 1" Seal material : FKM, EPDM	
AIRLESS CUPLA cna Type For industrial gases  Valve structure: Two-way shut-off Working pressure : 3.0 MPa (31 kgf/cm ²) Body material : Stainless steel Application : 3/8" Seal material : CR, HNBR	PCL CUPLA For straight pipes  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Brass (part Steel) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	SCREW CUPLA PCS Type For vacuum and pressure testing Please consult with us for larger sizes.  Valve structure: Straight through Working pressure : 3.0 MPa (31 kgf/cm ²) Body material : Steel (part Stainless steel) Application : 7/16" to 7/8" Seal material : CR, NBR, FKM	For Manipulators	
PCW CUPLA For straight pipes  Valve structure: Straight through Working pressure : To be defined after consultation. Body material : Brass (part Stainless steel and Steel) Pipe sizes : To be complied with your requirements. Seal material : CR, FKM, NBR	For Pneumatics and Hydraulics		MP CUPLA For manipulators  Valve structure: Two-way shut-off Working pressure : 5.0 MPa (51 kgf/cm ²) Body material : Stainless steel Application : 1/4" to 1" Seal material : FKM, others	AUTOMATIC DISCONNECTION CUPLA For fail safe system and automatic connection/disconnection applications  Valve structure: Two-way shut-off Working pressure : To be decided after consultation. Body material : Application : Seal material :
		SCREW CUPLA ncm Type For connecting pneumatic/hydraulic lines  Valve structure: Straight through Working pressure : 14.0 MPa (142 kgf/cm ²) Body material : Steel (Plated) Application : 1/8" to 1" Seal material : NBR	When placing your order Please ask about the details, since CUPLA products in this group are special made-to-order items.	