









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 • Working pressure (MPa)	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		
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.











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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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




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Applicable fluid		For Oxygen and Fuel Gas	For Low Pressure (Water)						
Name		MINI CUPLA SUPER	MICRO CUPLA	SMALL CUPLA	COMPACT ZEROSPILL CUPLA	COMPACT CUPLA	CUBE CUPLA	HI CUPLA	HI CUPLA ACE
Photo									
Body material • Working pressure (MPa)	Brass	0.7	1.0	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"								
	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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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"			○					
	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 +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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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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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 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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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°C to +180°C (FKM)	-20°C to +180°C (FKM)	-20°C to +80°C (NBR)	-20°C to +180°C (FKM)	-20°C to +180°C (FKM)	0°C to +50°C (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	1.0
	Stainless steel	
	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.

Accessories

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/cm ²) 	TSP-HP CUPLA (for High Pressure) P162 High pressure and general purpose type 	
Working pressure : 20.6 MPa (210 kgf/cm ²) Body material : Special steel (Nickel plated) Application : 1/4" to 1" Seal material : NBR	Working pressure : 9.0 MPa (92 kgf/cm ²) 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 	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/cm ²) Body material : Stainless steel, Brass Application : 1/4" to 1/2" Seal material : EPDM, FKM	Working pressure : 1.0 MPa (10 kgf/cm ²) 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 	For Low Pressure (air)	
Working pressure : 2.0 to 4.5 MPa (20 to 46 kgf/cm ²) Body material : Brass, Stainless steel Application : Rc 3/4 to Rc 1 1/2 Seal material : NBR	PLASTIC CUPLA BC Type P162 Valveless type for low pressure air piping 	Working pressure : 0.07 MPa (0.7 kgf/cm ²) 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	
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 
DUST CAP P164 DUST CAP Plastic Cap for HI CUPLA Series and FULL BLOW CUPLA 	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 & greases 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 	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 

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.

Important notice

Special made-to-order couplings are applied 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  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 3.0 MPa (31 kgf/cm²) Body material: Stainless steel (part Aluminum alloy and Brass) Application: 1/4", 3/8" Seal material: CR, HNBR</p>	PCB CUPLA For expanded pipes  <p>Value structure:  Straight through</p> <p>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</p>	PCA CUPLA Pipes for high pressure line  <p>Value structure:  Straight through</p> <p>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</p>	SEMICON CUPLA SML Type For semiconductor manufacturing equipment  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 0.2 MPa (2 kgf/cm²) Body material: Stainless steel Application: 3/8", 1/4" Seal material: FKM, EPDM, others</p>	MULTI CUPLA AMCS-FA Type Full automatic operation type  <p>Value structure:  To be decided after consultation</p> <p>Working pressure: To be decided after consultation. Body material: To be decided after consultation. Seal material: To be decided after consultation.</p>	
CHARGE CUPLA cnr Type For industrial gases Connectable to SP-V CUPLA plugs  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 4.5 MPa (46 kgf/cm²) Body material: Stainless steel (part Aluminum alloy and Brass) Application: 1/4", 3/8", 1/2" Seal material: CR, HNBR</p>	PCBW CUPLA For bulged pipes and spool pipes  <p>Value structure:  Straight through</p> <p>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</p>	PCIO CUPLA For pipes that have inner locking system  <p>Value structure:  Straight through</p> <p>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</p>	SEMICON CUPLA scf Straight Type For semiconductor manufacturing equipment *See page 148  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 0.2 MPa (2 kgf/cm²) Body material: Fluorine-contained resin Application: 3/8", 1/4" Seal material: FEP-coated FKM, Fluoro-resin</p>	MULTI CUPLA AMCS-SA Type Semi-automatic type  <p>Value structure:  To be decided after consultation</p> <p>Working pressure: To be decided after consultation. Body material: To be decided after consultation. Seal material: To be decided after consultation.</p>	
AUTO CUPLA AC Type For industrial gases Connectable to SP-V CUPLA plugs  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 3.0 MPa (31 kgf/cm²) Body material: Stainless steel (part Aluminum alloy and Brass) Application: 1/4", 3/8" Seal material: CR, HNBR, NBR</p>	PCP CUPLA For bulged pipes and spool pipes  <p>Value structure:  Straight through</p> <p>Working pressure: To be defined after consultation. Body material: POM (Polycastal), part Stainless steel Pipe sizes: To be complied with your requirements. Seal material: CR, FKM, NBR</p>	PCD CUPLA For pipes of special shapes  <p>Value structure:  Straight through</p> <p>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</p>	For Water		
AUTO CUPLA acv Type For industrial gases Connectable to SP-V CUPLA plugs  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 3.0 MPa (31 kgf/cm²) Body material: Stainless steel (part Aluminum alloy and Brass) Application: 1/4", 3/8" Seal material: CR, HNBR, NBR</p>	PCBL CUPLA For straight pipes  <p>Value structure:  Straight through</p> <p>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</p>	AUTO CUPLA For copper pipes  <p>Value structure:  Straight through</p> <p>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</p>	AIRLESS CUPLA For physical and chemical devices  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 3.0 MPa (31 kgf/cm²) Body material: Stainless steel (part Brass) Application: 1/4" to 1" Seal material: FKM, EPDM</p>		
AIRLESS CUPLA cna Type For industrial gases  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 3.0 MPa (31 kgf/cm²) Body material: Stainless steel Application: 3/8" Seal material: CR, HNBR</p>	PCL CUPLA For straight pipes  <p>Value structure:  Straight through</p> <p>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</p>	SCREW CUPLA pcs Type For vacuum and pressure testing Please consult with us for larger sizes.  <p>Value structure:  Straight through</p> <p>Working pressure: 3.0 MPa (31 kgf/cm²) Body material: Steel (part Stainless steel) Application: 7/16" to 7/8" Seal material: CR, NBR, FKM</p>	For Manipulators Safety Equipment		
	PCW CUPLA For straight pipes  <p>Value structure:  Straight through</p> <p>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</p>	For Pneumatics and Hydraulics		MP CUPLA For manipulators  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: 5.0 MPa (51 kgf/cm²) Body material: Stainless steel Application: 1/4" to 1" Seal material: FKM, others</p>	AUTOMATIC DISCONNECTION CUPLA For fall safe system and automatic connection/disconnection applications  <p>Value structure:  Two-way shut-off</p> <p>Working pressure: To be decided after consultation. Body material: To be decided after consultation. Seal material: To be decided after consultation.</p>
	SCREW CUPLA hcm Type For connecting pneumatic/hydraulic lines  <p>Value structure:  Straight through</p> <p>Working pressure: 14.0 MPa (142 kgf/cm²) Body material: Steel (Part②) Application: 1/8" to 1" Seal material: NBR</p>	When placing your order Please ask about the details, since CUPLA products in this group are special made-to-order items.			