A company dedicated to the research and development, production and sales of fluid connections

Hebei Naiwo Fluid Technology Co., Ltd.

Address: No. 9, Xinxing Street, High-tech Industrial Development Zone, Jinnan New District, Handan City

Telephone: 0310-2038628 0310-2038618

Website: www.nwcoupling.com

NAIWO·Expert in fluid instant connection



About Us

01 Company Profile

Hebei Naiwo Fluid Technology Co., Ltd is located in Handan City, Hebei Province, at the junction of four provinces. With 20 years of global service experience, the company actively expands its export business. Through continuous optimization of production processes and increased investment in research and development, Naiwo products have reached international advanced levels in terms of performance, durability and safety. In the future, the company will continue to uphold the philosophy of "quality first, customer supreme", further expand its global market, provide better services and solutions for domestic and foreign customers, and contribute to the innovation and development of fluid connection technology.

Business scope

Focusing on the research and manufacturing of stainless steel and carbon steel quick couplings, ferrule couplings and adapters, our products are widely used in construction machinery, agricultural machinery, metallurgy, new energy vehicles, petrochemicals, ships and other related fields.



02 Team Size

80+ employees

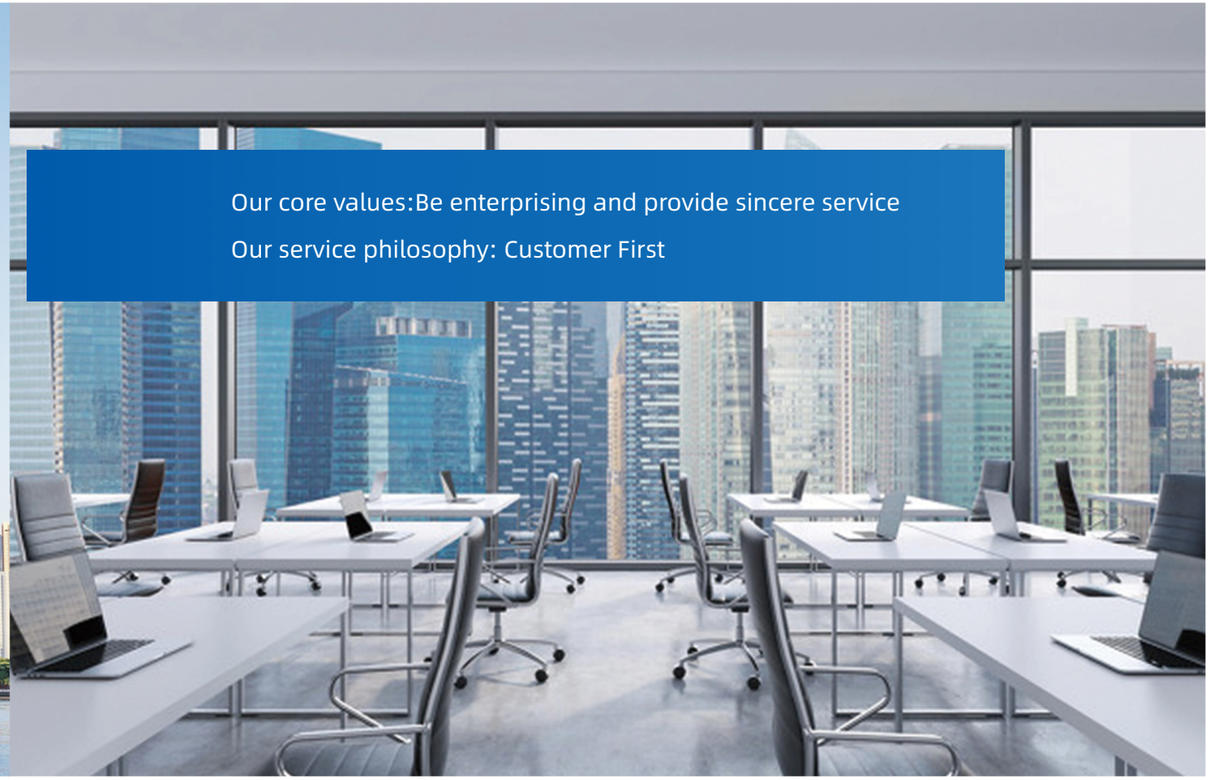
10 Professional engineer

150+ Equipment

100 Ten thousand sets
Annual production and sales volume

03 Company culture

We have a highly experienced and skilled team dedicated to the research and production of quick couplings. The team adheres to the spirit of craftsmanship and continuously innovates, providing customers with high-quality products and services.



Our core values:Be enterprising and provide sincere service

Our service philosophy: Customer First

Application Field

100+
-Field -

100+
- Industry -

1000+
-Way-



Construction machinery

Quick couplings enable the quick disassembly and assembly of hydraulic pipelines in construction machinery, ensuring sealing and no leakage, guaranteeing safety,enhancing efficiency,and reducing downtime. They are key components for the efficient operation of equipment.

New energy vehicles

Quick couplings are applied in the battery charging and swapping, electric drive and control connection, and cooling pipelines of new energy vehicles. They have the advantages of efficient connection, quick disassembly and assembly, sealing and leakage prevention, as well as safety and reliability.





Petrochemical industry

Quick couplings applied in petrochemicals can achieve quick sealing connection of high-risk medium pipelines.They are resistant to high pressure and corrosion, ensuring safe operations, improving maintenance efficiency, and eliminating the risk of leakage.

Liquid cooling

Quick couplings are used for pipeline connection and coolant transmission in liquid cooling equipment. They can be quickly disassembled and assembled, efficiently sealed, leak-proof and shock-resistant, ensuring stable heat dissipation of the equipment.



Core Competitiveness

Naiwo quick couplings integrate R&D, sales and service.With outstanding quality and professional services, we have gained global trust. No matter where you are, we are dedicated to providing you with efficient and convenient solutions to connect the world and create the future. Welcome to contact us!



Advantage of technological innovation

My factory has a professional R&D team and is always committed to product innovation and optimization. We have launched multiple products with leading advantages to help customers improve production efficiency and quality.



Advantage of security

My factory fully considers the safety needs of users in product design and adopts various safety technology control systems to provide users with a reliable usage experience.

Advantage of market recognition

My factory enjoys a high reputation and popularity in the market, with a professional, reliable and high-quality brand image, which brings trust and security to customers.

Advantage of the after-sales service system

My factory has established a complete pre-sale, in-sale and after-sale service system, providing customers with all-round services and thus establishing long-term cooperative partnerships.

HONORARY AWARD



Honor Display

Hebei Naiwo Fluid Technology Co., Ltd focuses on the research and development of fluid technology, holds multiple national patent certificates, and drives industry progress through innovation. With leading core technologies and excellent quality, it is committed to providing customers with efficient and energy-saving fluid solutions, helping to upgrade industrial intelligence.

















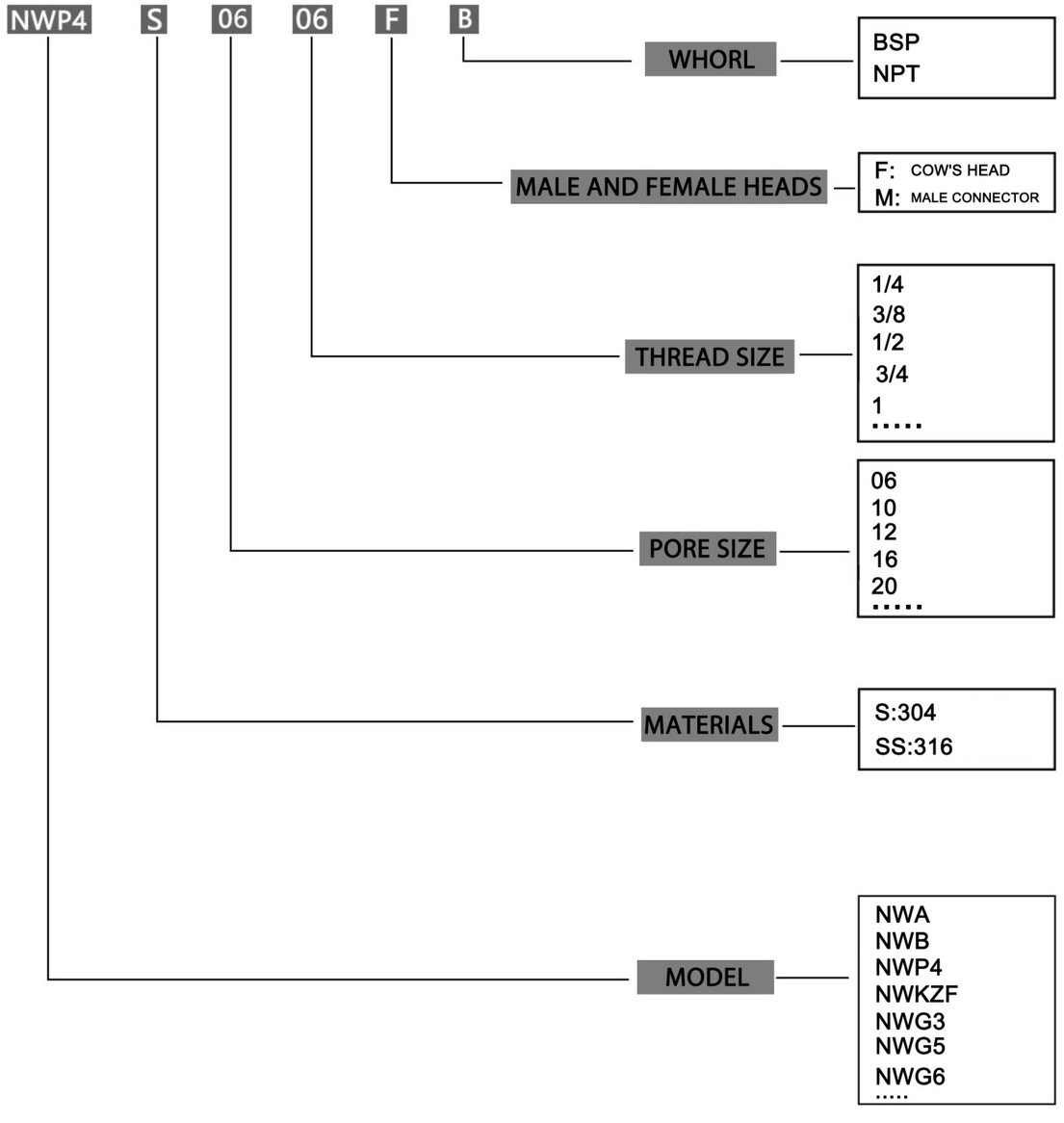






Quick Coupling

Product Model Analysis



NWA（Carbon Steel）



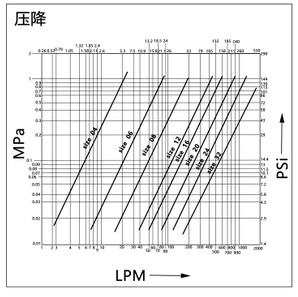
Application Scope

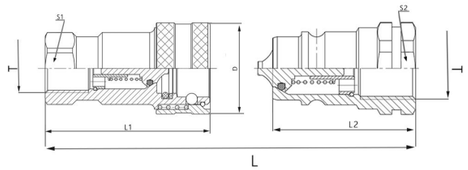
NWA series quick coupling adopts needle valve structure design.it meets the requirements of standard ISO 7241-A,which makes it can be interchangeable with the most quick couplings all over the world.NWA Series quick coupling is widely used for hydraulic systems.This quick coupling is with double single directional and bi-directional valve structure design,it is used for connecting or disconnecting for the operation or maintain of the equipment.it ca prevent the dirt to go into the pipe,no leakage,no pollution environmental- friendly

Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female (MPa)
06	1/4"	35	9	200	200	200
12	3/8"	35	30	120	140	160
10	1/2"	25	75	120	120	130
20	3/4"	25	180	120	120	120
25	1"	25	270	100	100	100
30	1-1/4"	20	330	100	100	100
40	1-1/2"	20	450	80	80	80
50	2"	15	900	60	60	60

Material	Carbon steel
Seal	NBR
Working temperature	-25℃—+125℃
Surface treatment	MATE500(CrIII)
Interchange with	ISO7241-A
Valve type	Poppet valve
Connection	Insert to connect
Disconnection	Retractable sleeve
Connection under pressure	Not allow





NWA	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	73	50.5	36.5	26	19	19	1/4BSP	NWA-06F-B	NWA-06M-B
							1/4NPT	NWA-06F-N	NWA-06M-N
10	85	60.5	42.6	31	22	22	3/8BSP	NWA-10F-B	NWA-10M-B
							3/8NPT	NWA-10F-N	NWA-10M-N
12	94	68.7	46.5	38	27	27	1/2BSP	NWA-12F-B	NWA-12M-B
							1/2NPT	NWA-12F-N	NWA-12M-N
20	115	84.4	57.5	48	38	36	3/4BSP	NWA-20F-B	NWA-20M-B
							3/4NPT	NWA-20F-N	NWA-20M-N
25	131.5	99.5	65.5	54	45	41	1BSP	NWA-25F-B	NWA-25M-B
							1NPT	NWA-25F-N	NWA-25M-N
30	150	117	75	65	50	55	11/4BSP	NWA-30F-B	NWA-30M-B
							11/4NPT	NWA-30F-N	NWA-30M-N
40	170	135	85	80	60	60	11/2BSP	NWA-40F-B	NWA-40M-B
							11/2NPT	NWA-40F-N	NWA-40M-N
50	200.7	160	100	99	75	75	2BSP	NWA-50F-B	NWA-50M-B
							2NPT	NWA-50F-N	NWA-50M-N



Dust cap plug					
Specification(mm)	Specification(inch)	Dust-proof cap	Dustproof plug	Colour	Texture
6	1/4	NWA-S1/4	NWA-F1/4	red	plastic
10	3/8	NWA-S3/8	NWA-F3/8	red	plastic
12.5	1/2	NWA-S1/2	NWA-F1/2	red	plastic
20	3/4	NWA-S3/4	NWA-F3/4	red	plastic
25	1	NWA-S1	NWA-F1	red	plastic

NWA（Stainless Steel）



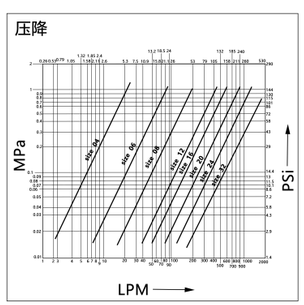
Application Scope

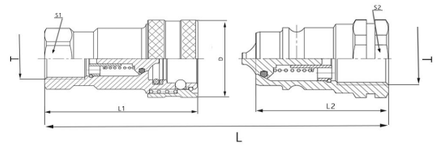
NWA series quick coupling adopts needle valve structure design.it meets the requirements of standard ISO 7241-A,which makes it can be interchangeable with the most quick couplings all over the world.NWA Series quick coupling is widely used for hydraulic systems.This quick coupling is with double single directional and bi-directional valve structure design,it is used for connecting or disconnecting for the operation or maintain of the equipment.it ca prevent the dirt to go into the pipe,no leakage,no pollution environmental- friendly

Technical Specification

ISO	Size	Max Working Pressure	Rated flow	Burst Pressure（MPa）		
(mm)	(inch)	(MPa)	(l/min)	Male (MPa)	Female (MPa)	Male + Female (MPa)
06	1/4"	35	9	200	200	200
12	3/8"	30	30	120	140	160
10	1/2"	30	75	120	120	130
20	3/4"	25	180	120	120	120
25	1"	25	270	100	100	100
30	1-1/4"	20	330	100	100	100
40	1-1/2"	20	450	80	80	80
50	2"	15	900	60	60	60

Material	Stainless Steel
Seal	NBR/FKM
Working temperature	-25℃—+125℃
Surface treatment	MATE500(CrIII)
Interchange with	ISO7241-A
Valve type	Poppet valve
Connection	Insert to connect
Disconnection	Retractable sleeve
Connection under pressure	Not allow





NWA	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	73	50.5	36.5	26	19	19	1/4BSP	NWA-S-06F-B	NWA-S-06M-B
							1/4NPT	NWA-S-06F-N	NWA-S-06M-N
10	85	60.5	42.6	31	22	22	3/8BSP	NWA-S-10F-B	NWA-S-10M-B
							3/8NPT	NWA-S-10F-N	NWA-S-10M-N
12	94	68.7	46.5	38	27	27	1/2BSP	NWA-S-12F-B	NWA-S-12M-B
							1/2NPT	NWA-S-12F-N	NWA-S-12M-N
20	115	84.4	57.5	48	38	36	3/4BSP	NWA-S-20F-B	NWA-S-20M-B
							3/4NPT	NWA-S-20F-N	NWA-S-20M-N
25	131.5	99.5	65.5	54	45	41	1BSP	NWA-S-25F-B	NWA-S-25M-B
							1NPT	NWA-S-25F-N	NWA-S-25M-N
30	150	117	75	65	50	55	11/4BSP	NWA-S-30F-B	NWA-S-30M-B
							11/4NPT	NWA-S-30F-N	NWA-S-30M-N
40	170	135	85	80	60	60	11/2BSP	NWA-S-40F-B	NWA-S-40M-B
							11/2NPT	NWA-S-40F-N	NWA-S-40M-N
50	200.7	160	100	99	75	75	2BSP	NWA-S-50F-B	NWA-S-50M-B
							2NPT	NWA-S-50F-N	NWA-S-50M-N

注：SS为316材质



Dust cap plug					
Specification(mm)	Specification(inch)	Dust-proof cap	Dustproof plug	Colour	Texture
6	1/4	NWA-S1/4	NWA-F1/4	red	plastic
10	3/8	NWA-S3/8	NWA-F3/8	red	plastic
12.5	1/2	NWA-S1/2	NWA-F1/2	red	plastic
20	3/4	NWA-S3/4	NWA-F3/4	red	plastic
25	1	NWA-S1	NWA-F1	red	plastic

NWB（Carbon Steel）



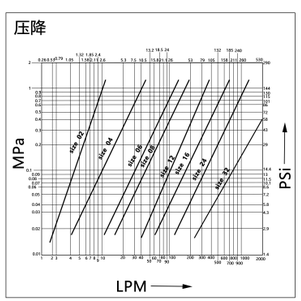
Application Scope

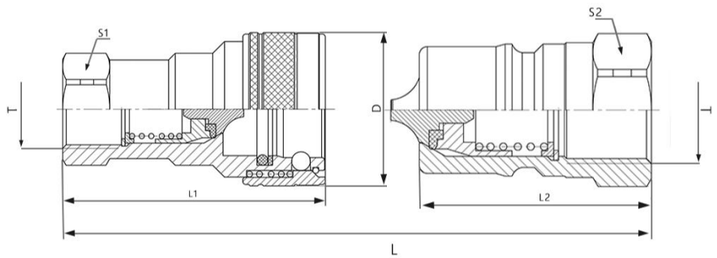
NWB series quick coupling meets the requirements of standard ISO 7241-B,it adopts needle valve structure design to increase the flow,it always stays open during working.It can be interchangeable with the most quick couplings all over the world.This kind of quick coupling is very suitable for the hydraulic usage of frequency connect and disconnect.It can change the equipment in an instant,increase benefit and reduce cost.

Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female (MPa)
25	1/4"	30	17	140	200	200
25	3/8"	30	50	110	110	160
25	1/2"	25	75	150	130	130
25	3/4"	25	190	100	100	165
25	1"	25	270	84	90	100

Material	Carbon steel
Seal	NBR
Working temperature	-25℃—+125℃
Surface treatment	MATE500(CrIII)
Interchange with	ISO7241-B
Valve type	Poppet valve
Connection	Retractable sleeve
Disconnection	Insert to connect
Connection under pressure	Not allow





NWB	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	76.4	60	38	27.5	22	19	1/4BSP	NWB-06F-B	NWB-06M-B
							1/4NPT	NWB-06F-N	NWB-06M-N
10	80	63	39	35	22	22	3/8BSP	NWB-10F-B	NWB-10M-B
							3/8NPT	NWB-10F-N	NWB-10M-N
12	94.5	74	46	42	27	27	1/2BSP	NWB-12F-B	NWB-12M-B
							1/2NPT	NWB-12F-N	NWB-12M-N
20	112.5	90.5	56	52	36	36	3/4BSP	NWB-20F-B	NWB-20M-B
							3/4NPT	NWB-20F-N	NWB-20M-N
25	132.5	103	63	60	41	41	1BSP	NWB-25F-B	NWB-25M-B
							1NPT	NWB-25F-N	NWB-25M-N



Dust cap plug					
Specification(mm)	Specification(inch)	Dust-proof cap	Dustproof plug	Colour	Texture
6	1/4	NWA-S1/4	NWA-F1/4	red	plastic
10	3/8	NWA-S3/8	NWA-F3/8	red	plastic
12.5	1/2	NWA-S1/2	NWA-F1/2	red	plastic
20	3/4	NWA-S3/4	NWA-F3/4	red	plastic
25	1	NWA-S1	NWA-F1	red	plastic

NWB（Stainless Steel）



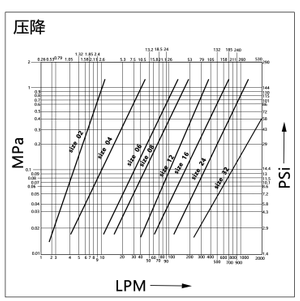
Application Area

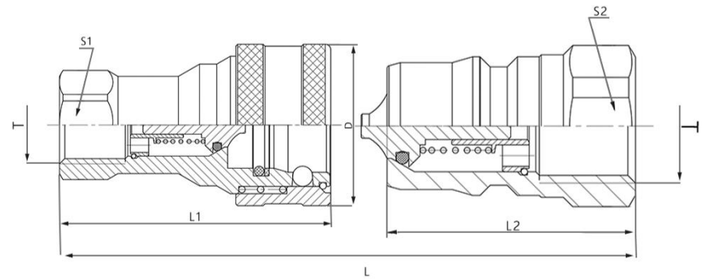
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Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female (MPa)
25	1/4"	35	17	140	200	200
25	3/8"	30	50	110	110	160
25	1/2"	30	75	150	130	130
25	3/4"	25	190	100	100	165
25	1"	20	270	84	90	100

Material	Stainless Steel
Seal	NBR/FKM
Working temperature	-25℃—+125℃
Surface treatment	MATE500(CrIII)
Interchange with	ISO7241-A
Valve type	Poppet valve
Connection	Insert to connect
Disconnection	Retractable sleeve
Connection under pressure	Not allow





NWB	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	76.4	60	38	27.5	22	19	1/4BSP	NWB-S-06F-B	NWB-S-06M-B
							1/4NPT	NWB-S-06F-N	NWB-S-06M-N
10	80	63	39	35	22	22	3/8BSP	NWB-S-10F-B	NWB-S-10M-B
							3/8NPT	NWB-S-10F-N	NWB-S-10M-N
12	94.5	74	46	42	27	27	1/2BSP	NWB-S-12F-B	NWB-S-12M-B
							1/2NPT	NWB-S-12F-N	NWB-S-12M-N
20	112.5	90.5	56	52	36	36	3/4BSP	NWB-S-20F-B	NWB-S-20M-B
							3/4NPT	NWB-S-20F-N	NWB-S-20M-N
25	132.5	103	63	60	41	41	1BSP	NWB-S-25F-B	NWB-S-25M-B
							1NPT	NWB-S-25F-N	NWB-S-25M-N

注：SS为316材质



Dust cap plug					
Specification(mm)	Specification(inch)	Dust-proof cap	Dustproof plug	Colour	Texture
6	1/4	NWA-S1/4	NWA-F1/4	red	plastic
10	3/8	NWA-S3/8	NWA-F3/8	red	plastic
12.5	1/2	NWA-S1/2	NWA-F1/2	red	plastic
20	3/4	NWA-S3/4	NWA-F3/4	red	plastic
25	1	NWA-S1	NWA-F1	red	plastic

NWP4（Carbon Steel）



Application Scope

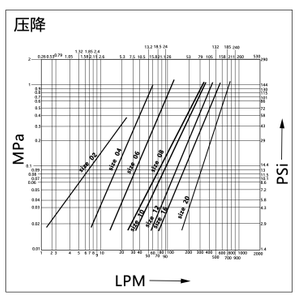


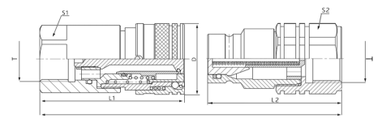
Meet the standard ISO16028No leakage:Dust prevention,collisionavoidance,one-hand operation,small joint force,with safe self-locking.the air can be prevented to go into the hydraulic system when connecting.

Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female (MPa)
06	1/4"	35	25	170	140	180
10	3/8"	35	50	170	140	170
12	1/2"	35	110	140	140	170
16	5/8"	35	125	140	140	140
20	3/4"	35	160	140	140	140
25	1"	35	230	140	140	170

Material	Carbon steel
Seal	NBR
Working temperature	-25℃—+125℃
Surface treatment	MATE1000(Zn-Ni)
Interchange with	ISO 16028
Valve type	Flat valve
Connection	Retractable sleeve
Disconnection	Insert to connect
Connection under pressure	Not allow





NWP4	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	100	62.5	52.5	28.5	22	22	1/4BSP	NWP4-06-06F-B	NWP4-06-06M-B
							1/4NPT	NWP4-06-06F-N	NWP4-06-06M-N
10	121	73.5	60.6	33	30	30	3/8BSP	NWP4-10-10F-B	NWP4-10-10M-B
							3/8NPT	NWP4-10-10F-N	NWP4-10-10M-N
							1/2BSP	NWP4-10-12F-B	NWP4-10-12M-B
							1/2NPT	NWP4-10-12F-N	NWP4-10-12M-N
12	139	87	73	38	36	36	1/2BSP	NWP4-12-12F-B	NWP4-12-12M-B
							1/2NPT	NWP4-12-12F-N	NWP4-12-12M-N
							3/4BSP	NWP4-12-16F-B	NWP4-12-16M-B
							3/4NPT	NWP4-12-16F-N	NWP4-12-16M-N
16	143	89	74.5	42	36	36	3/4BSP	NWP4-16-16F-B	NWP4-16-16M-B
							3/4NPT	NWP4-16-16F-N	NWP4-16-16M-N
20	161	102	86	48.5	41	41	3/4BSP	NWP4-20-16F-B	NWP4-20-16M-B
							3/4NPT	NWP4-20-16F-N	NWP4-20-16M-N
							1BSP	NWP4-20-20F-B	NWP4-20-20M-B
							1NPT	NWP4-20-20F-N	NWP4-20-20M-N
25	172	112	90	55	55	55	1BSP	NWP4-25-20F-B	NWP4-25-20M-B
							1NPT	NWP4-25-20F-N	NWP4-25-20M-N
							11/4BSP	NWP4-25-25F-B	NWP4-25-25M-B
							11/4NPT	NWP4-25-25F-N	NWP4-25-25M-N
32	214.8	132.2	111.5	80	65	65	11/2BSP	NWP4-32-32F-B	NWP4-32-32M-B
							11/2NPT	NWP4-32-32F-N	NWP4-32-32M-N



Dust cap plug					
Specification(mm)	Specification(inch)	Dust-proof cap	Dustproof plug	Colour	Texture
6	1/4	NWA-S1/4	NWA-F1/4	red	plastic
10	3/8	NWA-S3/8	NWA-F3/8	red	plastic
12.5	1/2	NWA-S1/2	NWA-F1/2	red	plastic
20	3/4	NWA-S3/4	NWA-F3/4	red	plastic
25	1	NWA-S1	NWA-F1	red	plastic

NWP4（Stainless Steel）



Application Scope

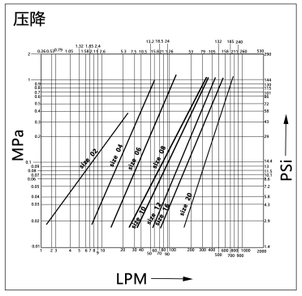


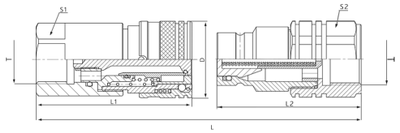
Meet the standard ISO16028No leakage:Dust prevention,collisionavoidance,one-hand operation,small joint force,with safe self-locking.the air can be prevented to go into the hydraulic system when connecting.

Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female (MPa)
06	1/4"	30	25	170	140	180
10	3/8"	25	50	170	140	170
12	1/2"	25	110	140	140	170
16	5/8"	25	125	140	140	140
20	3/4"	25	160	140	140	140
25	1"	25	230	140	140	170

Material	Stainless Steel
Seal	NBR
Working temperature	-25℃—+125℃
Surface treatment	MATE1000(Zn-Ni)
Interchange with	ISO 16028
Valve type	Flat valve
Connection	Retractable sleeve
Disconnection	Insert to connect
Connection under pressure	Not allow





NWP4	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	100	62.5	52.5	28.5	22	22	1/4BSP	NWP4-S-06-06F-B	NWP4-S-06-06M-B
							1/4NPT	NWP4-S-06-06F-N	NWP4-S-06-06M-N
10	121	73.5	60.6	33	30	30	3/8BSP	NWP4-S-10-10F-B	NWP4-S-10-10M-B
							3/8NPT	NWP4-S-10-10F-N	NWP4-S-10-10M-N
							1/2BSP	NWP4-S-10-12F-B	NWP4-S-10-12M-B
							1/2NPT	NWP4-S-10-12F-N	NWP4-S-10-12M-N
12	139	87	73	38.5	36	36	1/2BSP	NWP4-S-12-12F-B	NWP4-S-12-12M-B
							1/2NPT	NWP4-S-12-12F-N	NWP4-S-12-12M-N
							3/4BSP	NWP4-S-12-16F-B	NWP4-S-12-16M-B
							3/4NPT	NWP4-S-12-16F-N	NWP4-S-12-16M-N
16	143	89	74.5	42	36	36	3/4BSP	NWP4-S-16-16F-B	NWP4-S-16-16M-B
							3/4NPT	NWP4-S-16-16F-N	NWP4-S-16-16M-N
20	161	102	86	48.5	41	41	3/4BSP	NWP4-S-20-16F-B	NWP4-S-20-16M-B
							3/4NPT	NWP4-S-20-16F-N	NWP4-S-20-16M-N
							1BSP	NWP4-S-20-20F-B	NWP4-S-20-20M-B
							1NPT	NWP4-S-20-20F-N	NWP4-S-20-20M-N
25	172	112	90	55	55	55	1BSP	NWP4-S-25-20F-B	NWP4-S-25-20M-B
							1NPT	NWP4-S-25-20F-N	NWP4-S-25-20M-N
							11/4BSP	NWP4-S-25-25F-B	NWP4-S-25-25M-B
							11/4NPT	NWP4-S-25-25F-N	NWP4-S-25-25M-N
32	214.8	132.2	111.5	80	65	65	11/2BSP	NWP4-S-32-32F-B	NWP4-S-32-32M-B
							11/2NPT	NWP4-S-32-32F-N	NWP4-S-32-32M-N

注：SS为316材质



Dust cap plug					
Specification(mm)	Specification(inch)	Dust-proof cap	Dustproof plug	Colour	Texture
6	1/4	NWA-S1/4	NWA-F1/4	red	plastic
10	3/8	NWA-S3/8	NWA-F3/8	red	plastic
12.5	1/2	NWA-S1/2	NWA-F1/2	red	plastic
20	3/4	NWA-S3/4	NWA-F3/4	red	plastic
25	1	NWA-S1	NWA-F1	red	plastic

NWKZF（Stainless Steel）



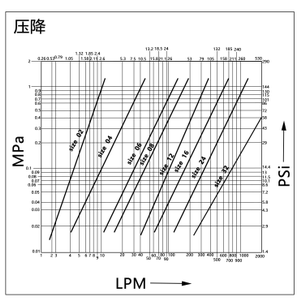
Application Scope

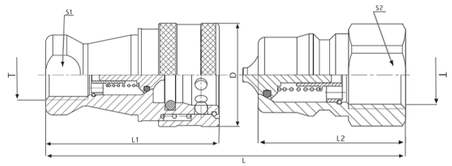
The NWKZF series of quick couplings are widely used in various hydraulic applications, covering industrial applications, mobile and construction equipment, as well as mechanical fields within factories. Their technical features are as follows: connection is achieved by inserting after retracting the sleeve, and disconnection is completed by retracting the female coupling sleeve. A conical stop valve is equipped, and pressure-connected and pressure-disconnected operations are not allowed.

Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female (MPa)
06	1/4"	30	14	140	200	200
10	3/8"	27	27	110	110	160
12	1/2"	25	60	150	130	130
20	3/4"	25	110	100	100	165
25	1"	21	150	84	90	100

Material	Stainless Steel
Seal	NBR/FKM
Working temperature	-25℃—+125℃
Surface treatment	MATE1000(Zn-Ni)
Interchange with	ISO 16028
Valve type	Conical valve
Connection	Retractable sleeve
Disconnection	Insert to connect
Connection under pressure	Not allow





NWKZF	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	70	62.5	52.5	28.5	22	22	1/4BSP	NWKZF-S-06F-B	NWKZF-S-06M-B
							1/4NPT	NWKZF-S-06F-N	NWKZF-S-06M-N
10	85	73.5	60.6	33	30	30	3/8BSP	NWKZF-S-10F-B	NWKZF-S-10M-B
							3/8NPT	NWKZF-S-10F-N	NWKZF-S-10M-N
12	94	83.5	73	40	36	36	1/2BSP	NWKZF-S-12F-B	NWKZF-S-12M-B
							1/2NPT	NWKZF-S-12F-N	NWKZF-S-12M-N
20	131.5	98.5	86	48.5	41	41	3/4BSP	NWKZF-S-20F-B	NWKZF-S-20M-B
							3/4NPT	NWKZF-S-20F-N	NWKZF-S-20M-N
25	148	105.5	90	60	55	55	1BSP	NWKZF-S-25F-B	NWKZF-S-25M-B
							1NPT	NWKZF-S-25F-N	NWKZF-S-25M-N



Dust cap plug					
Specification(mm)	Specification(inch)	Dust-proof cap	Dustproof plug	Colour	Texture
6	1/4	NWA-S1/4	NWA-F1/4	red	plastic
10	3/8	NWA-S3/8	NWA-F3/8	red	plastic
12.5	1/2	NWA-S1/2	NWA-F1/2	red	plastic
20	3/4	NWA-S3/4	NWA-F3/4	red	plastic
25	1	NWA-S1	NWA-F1	red	plastic

NWG3（Stainless Steel）



Application Scope

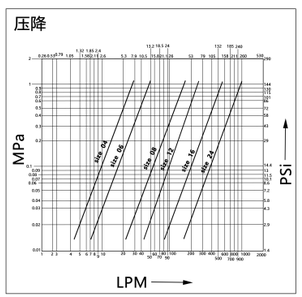


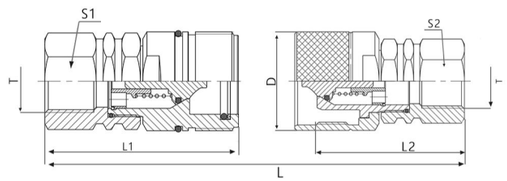
NWG3 series is butt joint type quick coupling.the female part connects the male part by simple thread,until the thread presses against the limit block shoulder.The single valve of each end open at the moment.

Technical Specification

ISO	Size	Max Working Pressure	Rated flow	Burst Pressure (MPa)		
				Male	Female	Male + Female
(mm)	(inch)	(MPa)	(l/min)	(MPa)	(MPa)	(MPa)
06	1/4"	37	13	150	160	190
10	3/8"	30	25	120	130	170
12	1/2"	30	65	120	140	140
20	3/4"	27	100	110	120	130
25	1"	27	205	110	130	140
40	1-1/2"	27	450	110	110	100

Material	Stainless Steel
Seal	NBR/FKM
Working temperature	-25℃—+125℃
Interchange with	ISO 16028
Valve type	Conical surface stop valve
Connection	Threaded connection
Disconnection	Unscrew and disconnect
Connection under pressure	Allow residual pressure





NWG3	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	90.5	58	47	30	19	19	1/4BSP	NWG3-S-06F-B	NWG3-S-06M-B
							1/4NPT	NWG3-S-06F-N	NWG3-S-06M-N
10	99	64	49	34.5	22	22	3/8BSP	NWG3-S-10F-B	NWG3-S-10M-B
							3/8NPT	NWG3-S-10F-N	NWG3-S-10M-N
12	109.5	72	54	42	27	27	1/2BSP	NWG3-S-12F-B	NWG3-S-12M-B
							1/2NPT	NWG3-S-12F-N	NWG3-S-12M-N
20	135	83	72.5	48	36	36	3/4BSP	NWG3-S-20F-B	NWG3-S-20M-B
							3/4NPT	NWG3-S-20F-N	NWG3-S-20M-N
25	156	95	86	56	41	41	1BSP	NWG3-S-25F-B	NWG3-S-25M-B
							1NPT	NWG3-S-25F-N	NWG3-S-25M-N
40	186	125	108.5	80	55	55	11/4BSP	NWG3-S-40F-B	NWG3-S-40M-B
							11/4NPT	NWG3-S-40F-N	NWG3-S-40M-N

NWG5（Carbon Steel）



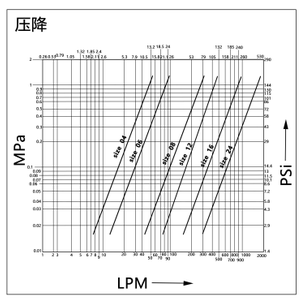
Application Scope

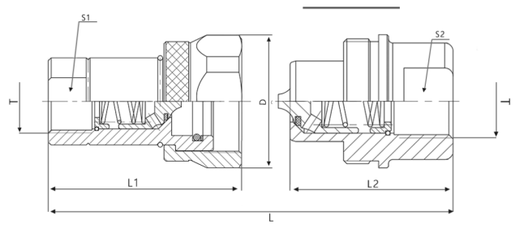
NWG5 series is butt joint screw-in type quick coupling with strong structure,it is widely used for the hydraulic situation with high requirements.

Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female (MPa)
06	1/4"	50	11.6	170	160	180
10	3/8"	50	16.7	170	160	160
12	1/2"	30	25.5	160	150	150
20	3/4"	40	55	160	150	120
25	1"	35	87	150	150	120

Material	Carbon steel
Seal	NBR
Working temperature	-25℃—+125℃
Surface treatment	MATE1000(Zn-Ni)
Interchange with	ISO 16028
Valve type	Conical surface stop valve
Connection	Threaded connection
Disconnection	Unscrew and disconnect
Connection under pressure	Allow residual pressure





NWG5	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	64	52.5	32	35	19	19	1/4BSP	NWG5-06F-B	NWG5-06M-B
							1/4NPT	NWG5-06F-N	NWG5-06M-N
10	80	66.5	40	41.6	23	23	3/8BSP	NWG5-10F-B	NWG5-10M-B
							3/8NPT	NWG5-10F-N	NWG5-10M-N
12	92.5	73.5	46	45	27	27	1/2BSP	NWG5-12F-B	NWG5-12M-B
							1/2NPT	NWG5-12F-N	NWG5-12M-N
20	116	89.5	58	55	35	35	3/4BSP	NWG5-20F-B	NWG5-20M-B
							3/4NPT	NWG5-20F-N	NWG5-20M-N
25	130	102	65	70	41	41	1BSP	NWG5-25F-B	NWG5-25M-B
							1NPT	NWG5-25F-N	NWG5-25M-N

NWG6（Stainless Steel）



Application Scope

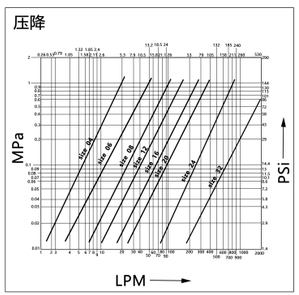
NWG6 series quick coupling is with design of new valve,it can resist the impact of high fluid and pulse to provide higher performance.It is with high pressure and thread locking,the single valve is with high intensity that it can stay in the center position without any offset.Using solid bar material for processing and manufacturing,NWG6 series quick coupling is very durable.The female part adopts a thread sleeve locking structure,it can be matched used with the external thread in the male part.Both of the female part and the male part should use universal thread and be connected by manually.

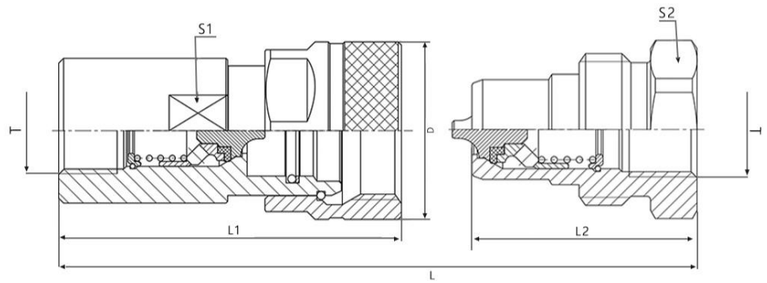
Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female (MPa)
06	1/4"	80	8	240	240	250
10	3/8"	80	18	340	350	240
12	1/2"	70	40	210	210	210
20	3/4"	70	55	240	210	230
25	1"	63	100	190	240	190
32	1-1/4"	60	140	180	180	200
40	1-1/2"	40	300	120	150	150
50	2"	35	1000	130	130	105

Material	Stainless Steel
Seal	NBR/FKM
Working temperature	-25℃—+125℃
Interchange with	ISO 16028
Valve type	Conical surface stop valve
Connection	Threaded connection
Disconnection	Unscrew and disconnect
Connection under pressure	Allow residual pressure

压降





NWG6	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	84	68	43	30	22	25	1/4BSP	NWG6-S-06F-B	NWG6-S-06M-B
							1/4NPT	NWG6-S-06F-N	NWG6-S-06M-N
10	89.5	75.5	48	40	32	32	3/8BSP	NWG6-S-10F-B	NWG6-S-10M-B
							3/8NPT	NWG6-S-10F-N	NWG6-S-10M-N
12	102	86	53	45	34	34	1/2BSP	NWG6-S-12F-B	NWG6-S-12M-B
							1/2NPT	NWG6-S-12F-N	NWG6-S-12M-N
20	121	105.5	63	55	41	46	3/4BSP	NWG6-S-20F-B	NWG6-S-20M-B
							3/4NPT	NWG6-S-20F-N	NWG6-S-20M-N
25	139	121.5	72	60	50	50	1BSP	NWG6-S-25F-B	NWG6-S-25M-B
							1NPT	NWG6-S-25F-N	NWG6-S-25M-N
32	167	152.5	86	80	65	65	11/4BSP	NWG6-S-30F-B	NWG6-S-30M-B
							11/4NPT	NWG6-S-30F-N	NWG6-S-30M-N
40	188	172	95	98	75	80	11/2BSP	NWG6-S-40F-B	NWG6-S-40M-B
							11/2NPT	NWG6-S-40F-N	NWG6-S-40M-N
50	227.5	207	118	129	100	100	2BSP	NWG6-S-50F-B	NWG6-S-50M-B
							2NPT	NWG6-S-50F-N	NWG6-S-50M-N

注：SS为316材质



防尘帽塞

规格(mm)	规格(inch)	防尘帽	防尘塞	颜色	材质
6	1/4	NWA-S1/4	NWA-F1/4	Silver	Aluminum
10	3/8	NWA-S3/8	NWA-F3/8	Silver	Aluminum
12.5	1/2	NWA-S1/2	NWA-F1/2	Silver	Aluminum
20	3/4	NWA-S3/4	NWA-F3/4	Silver	Aluminum
25	1	NWA-S1	NWA-F1	Silver	Aluminum

NW-104（Stainless Steel）



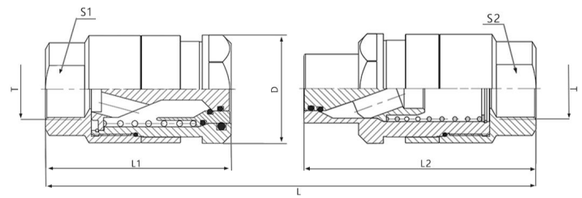
Application Scope

The NW104 series quick couplings feature significant structural advantages: they adopt a flat end face design, which is free from contamination and easy to clean; during connection, very little air is introduced, and during disconnection, very little fluid overflows. They also support connection and disconnection operations under residual pressure. These couplings are applicable to a wide range of media and can be used for hydraulic fluids, lubricating oils, water, engine oils and diesel fuels. They are widely used in automotive manufacturing, aerospace industry, steel industry, mechanical manufacturing, plastic and rubber industry, and aluminum die casting fields.

Technical Specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	Rated flow (l/min)	Burst Pressure (MPa) Male (MPa)	Female (MPa)	Male + Female connector (MPa)
06	1/4"	30	8	170	160	180
10	3/8"	30	18	170	160	160
12	1/2"	25	30	160	150	150
20	3/4"	20	45	160	150	120
25	1"	20	90	150	150	120

Material	Stainless Steel
Seal	NBR/FKM
Working temperature	-25℃-+125℃
Interchange with	ISO 16028
Valve type	Flat valve
Connection	Insert link
Disconnection	Pushback
Connection under pressure	Not allow



NW104	L	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	123	65	71.5	25	19	19	1/4BSP	NW104-S-06F-B	NW104-S-06M-B
							1/4NPT	NW104-S-06F-N	NW104-S-06M-N
10	125.5	66.5	74.5	29	24	24	3/8BSP	NW104-S-10F-B	NW104-S-10M-B
							3/8NPT	NW104-S-10F-N	NW104-S-10M-N
12	139	73.5	83	33	30	30	1/2BSP	NW104-S-12F-B	NW104-S-12M-B
							1/2NPT	NW104-S-12F-N	NW104-S-12M-N
20	158	82.5	97.5	42	36	36	3/4BSP	NW104-S-20F-B	NW104-S-20M-B
							3/4NPT	NW104-S-20F-N	NW104-S-20M-N
25	205	106	127	59	50	50	1BSP	NW104-S-25F-B	NW104-S-25M-B
							1NPT	NW104-S-25F-N	NW104-S-25M-N

NWKKA（Stainless Steel）



Application Scope



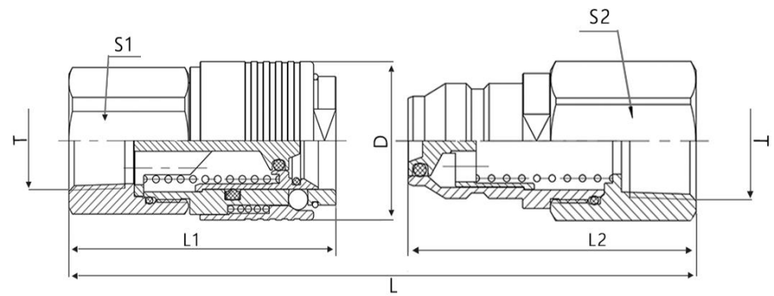
The plug-and-play quick couplings of NWKKA are widely used in various hydraulic applications, including the electronics industry, automotive industry, machine tool industry, chemical industry, food processing industry, etc. Such couplings can be found wherever fluid delivery pipelines need to be connected or disconnected for equipment operation or maintenance.

Two-sided with one-way valve characteristics

Connector body dimensions	Liquid leakage volume (in cm^3) per occurrence	Air mixing volume: cm^3 per time
NWKKA-06S	0.02	0.1
NWKKA-10S	0.04	0.1
NWKKA-12S	0.06	0.2
NWKKA-20S	0.14	0.5
NWKKA-25S	0.27	0.9

Specification

Use fluids	Water, air
The pressure range of use	0-1MPa
Ensure endurance	10MPa
Environmental temperature and fluid temperature for use	Without grease specification: -5°C to 150°C (avoid using steam)
Texture	Metal parts: SUS304, rubber parts: Fluorine rubber (special FKM)
Lubricant-free specification	No use of lubricating grease (rubber: fluorine coating, metal sliding parts: fluorine coating)



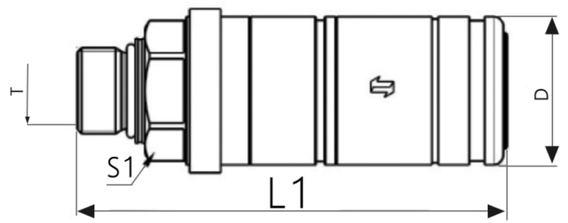
NWKKA	L1	L2	D1	S1	S2	T	part No.1	part No.2
06	46.1	43.4	24.2	22	17	1/4BSP	NWKKA-S-06F-B	NWKKA-S-06M-B
						1/4NPT	NWKKA-S-06F-N	NWKKA-S-06M-N
10	46.9	44.4	24.2	22	19	3/8BSP	NWKKA-S-10F-B	NWKKA-S-10M-B
						3/8NPT	NWKKA-S-10F-N	NWKKA-S-10M-N
12	56.2	52.9	30.7	30	24	1/2BSP	NWKKA-S-12F-B	NWKKA-S-12M-B
						1/2NPT	NWKKA-S-12F-N	NWKKA-S-12M-N
20	76.5	69.4	42.5	36	32	3/4BSP	NWKKA-S-20F-B	NWKKA-S-20M-B
						3/4NPT	NWKKA-S-20F-N	NWKKA-S-20M-N
25	93.9	85	55	46	41	1BSP	NWKKA-S-25F-B	NWKKA-S-25M-B
						1NPT	NWKKA-S-25F-N	NWKKA-S-25M-N

NWPV（Carbon Steel）



Application Scope

The NWPV quick connector is widely used in various hydraulic applications. Its technical characteristics are as follows: It achieves connection by inserting the male connector and completes disconnection by pulling out the male connector. It is equipped with a conical stop valve. The male connector (ISO A) supports pressurized connection and can only be pressurized disconnected in emergency situations, and it complies with the 190 7241-1 A series standard. This connector is mainly used in the agricultural industry and is applicable in various scenarios where fluid pipelines need to be connected or disconnected to carry out equipment operation or maintenance.

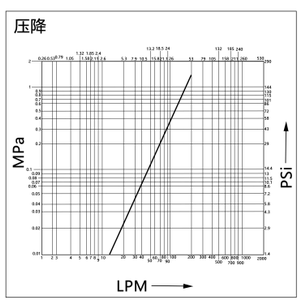


NWPV	L1	D1	S1	T	part No.1
12	107.2	42	27	1/2BSP	NWPV-S-12F-B
				1/2NPT	
				3/4UNF	

Type specification

ISO (mm)	Size (inch)	Max Working Pressure (MPa)	burst pressure (MPa) Rated flow (l/min)	Male (MPa)
12	1/2"	25	70	100

Material	Carbon steel
Seal	NBR
Working temperature	-25℃—+125℃
Surface treatment	MATE500(CrIII)
Interchange with	ISO 7241-1 Series A
Valve type	Conical surface stop valve
Connection	Insert link
Disconnection	Retractable sleeve
Connection under pressure	Not allow



NWKS



Product Description: Specifically designed for use with high-pressure cleaning machines and other high-pressure applications, this high-performance coupler has passed rigorous performance tests such as the destructive test.

Product Name	NWKS
sealing material	[EPM]+PTFE
Main dimensions	1/4"-1/2"
Thread size	1/8"-1/2"
Connecting thread	Rc·NPT
Maximum working pressure	20.5Mpa
Minimum destructive pressure	82.0Mpa
Maximum service temperature	180°C
Applicable to fluid media	Water, warm water
Purpose	High-pressure cleaning machine, water pressure piping, oil pressure piping

NWKS 3 0 S F S

Materials	
S	SUS304
B	Brass

Thread	
F	Rc
FN	NPT (internal thread)
M	R
MN	NPT (external thread)

Figure	
S	Female connector
P	Male connector

Thread size	
0	The same as the diameter of the body
1	1/8"
2	1/4"
3	3/8"
4	1/2"

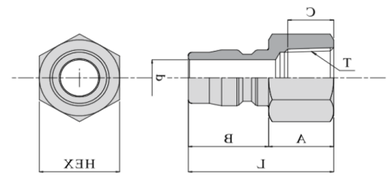
body size	
2	1/4"
3	3/8"
4	1/2"

Product logo

Female connector(SUS304)

NWKS-PF-S

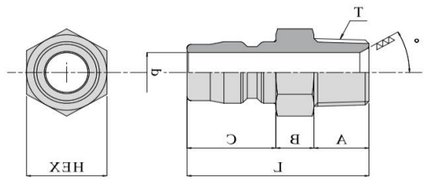




Model	T	L	A	B	C	d	HEX	Weight: g
NWKS-20PF-S	Rc1/4	34	16	18	11	6.5	17	28
NWKS-30PF-S	Rc3/8	38	17	21	12	10	21	43
NWKS-31PF-S	Rc1/8	28	7	21	8	8.2 x 10	17	27
NWKS-32PF-S	Rc1/4	37	16	21	11	10	19	41
NWKS-40PF-S	Rc1/2	45	21	24	15	13	29	106

NWKS-PM-S



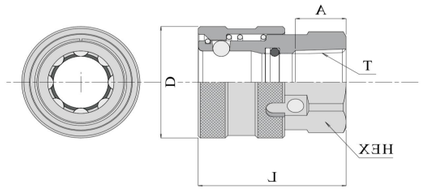


Model	T	L	A	B	C	d	HEX	Weight: g
NWKS-20PM-S	Rc1/4	38	13	7	18	6.5	17	30
NWKS-20PM-S	Rc1/2	52	17	11	24	13	22	78
NWKS-20PM-S	Rc1/4	41	13	7	21	6.5 x 10	17	34
NWKS-20PM-S	Rc3/8	43	13	9	21	10	19	43

Female connector(SUS304)

NWKS-SF-S

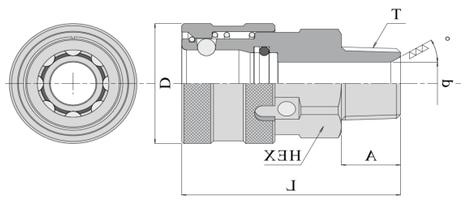




Model	T	L	A	D	HEX	Weight: g
NWKS-20SF-S	Rc1/4	32	11	24	19	58
NWKS-20SFN-S	NPT1/8	32	11	24	19	58
NWKS-30SF-S	Rc3/8	35	12	28	23	84
NWKS-32SF-S	Rc1/4	35	11	28	23	91
NWKS-40SF-S	Rc1/2	44.5	15	35	29	161

NWKS-SM-S





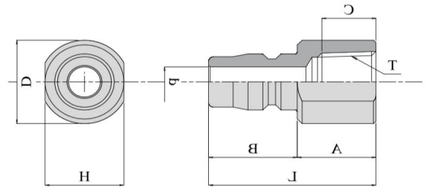
Model	T	L	A	d	D	HEX	Weight: g
NWKS-20SM-S	R1/4	34	42	6.5	24	19	68
NWKS-20SMN-S	NPT1/4	28	42	6.5	24	19	68
NWKS-30SM-S	R3/8	38	48	10	28	23	107
NWKS-32SM-S	R1/4	37	48	6.5	28	23	109
NWKS-40SM-S	R1/2	45	56	13	35	29	189

Female connector(SUS304)

NWKS-PFN-S





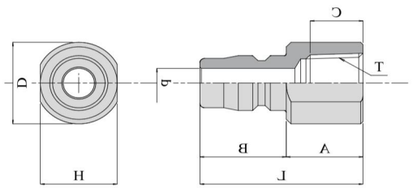


Model	T	L	A	B	C	d	HEX	Weight: g
NWKS-20PFN-S	NPT1/4	34	16	18	11	6.5	18	28

NWKS-PMN-S





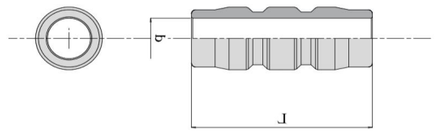


Model	T	L	A	B	C	d	HEX	Weight: g
NWKS-20PMN-S	NPT1/4	38	13	7	18	6.5	16	14

NWKS-PP-S







Model	L	d	Weight: g
NWKS-20PP-S	36	6.5	20
NWKS-30PP-S	42	10	30
NWKS-40PP-S	48	13	60

The Tube Inserting

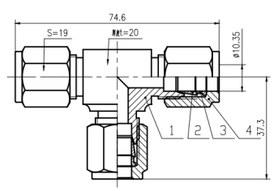


Product Description:

Ferrule fittings, as key connection components in industrial fluid transmission systems, achieve efficient connection and sealing of pipelines under various complex working conditions with their unique design and reliable performance. They are widely used in industries such as petrochemicals, natural gas transportation, pharmaceuticals, food and beverage, mechanical manufacturing, and instrumentation, and are one of the core components ensuring the stable operation of fluid systems.

10.3-inch equal diameter tee joint

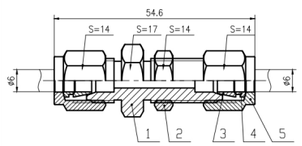




Serial number	Code name	Name	Amount	Materials
one	M16x1.5	Three-way joint body	one	F304
two	Ø10.3	Pre-capsule	three	F304
three	Ø10.3	Post-capsule	three	F304
four	M16x1.5	nut	three	F304

Direct-through through-board connector 6-6 card

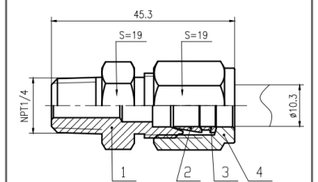




Serial number	Code name	Name	Amount	Materials
one	M12x1.25-Ø6	Packing joint body	one	F30408
two	M12x1.25	thin nut	one	F30408
three	Ø6	Pre-capsule	two	F30408
four	Ø6	Post-capsule	two	F30408
five	M12x1.25	nut	two	F30408

1-4 NPT-10.3 mm (F304)

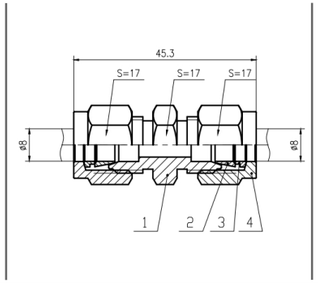




Serial number	Code name	Name	Amount	Materials
one	NPT1/4-M6x1.5	fittings body	one	F304
two	Ø10.3	Pre-capsule	one	F304
three	Ø10.3	Post-capsule	one	F304
four	M16x1.5	nut	one	F304

8 Card - 8 Card (S30408)

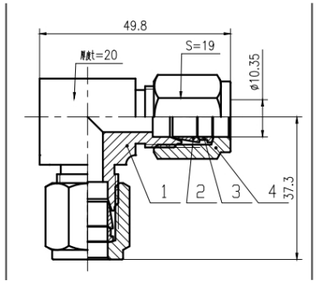




Serial number	Code name	Name	Amount	Materials
one	M14x1.5-M14x1.5	fittings body	one	F30408
two	Ø8	Pre-capsule	two	F30408
three	Ø8	Post-capsule	two	F30408
four	M14x1.5	nut	two	F30408

Equal diameter right angle fitting 10.3 card (F304)





Serial number	Code name	Name	Amount	Materials
one	M16x1.5	Right-angle joint body	one	F304
two	Ø10.3	Pre-capsule	three	F304
three	Ø10.3	Post-capsule	three	F304
four	M16x1.5	nut	three	F304