



techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Stainless Steel

Stainless Steel Couplings

ISO A INTERCHANGE COUPLINGS & PLUGS

stainless
steel



ISO A Interchange

° Working Temperature:
-25°C to +120°C Nitrile
-25°C to +175°C Viton



316 Stainless Steel ISO A Coupling with Viton Seals, BSPP

8111	Thread	Max Pressure Bar
HFSSFC7314-V	1/4"	250
HFSSFC7338-V	3/8"	200
HFSSFC7312-V	1/2"	200
HFSSFC7334-V	3/4"	160
HFSSFC7310-V	1"	125

Tech Sheet 10002

316 Stainless Steel ISO A Coupling with Nitrile Seals, NPT

8111	Thread	Max Pressure Bar
HKSA04SS-NPT	1/4"	250
HKSA06SS-NPT	3/8"	200
HKSA08SS-NPT	1/2"	200
HKSA12SS-NPT	3/4"	160
HKSA16SS-NPT	1"	125

Tech Sheet 10002



316 Stainless Steel ISO A Plug with Viton Seals, BSPP

8111	Thread	Max Pressure Bar
HFSSFP7314-V	1/4"	250
HFSSFP7338-V	3/8"	200
HFSSFP7312-V	1/2"	200
HFSSFP7334-V	3/4"	160
HFSSFP7310-V	1"	125

Tech Sheet 10002

316 Stainless Steel ISO A Plug with Nitrile Seals, NPT

8111	Thread	Max Pressure Bar
HKPA04SS-NPT	1/4"	250
HKPA06SS-NPT	3/8"	200
HKPA08SS-NPT	1/2"	200
HKPA12SS-NPT	3/4"	160
HKPA16SS-NPT	1"	125

Tech Sheet 10002

ISO B INTERCHANGE COUPLINGS & PLUGS

stainless
steel



ISO B Interchange

° Working Temperature:
-25°C to +120°C Nitrile
-25°C to +175°C Viton



316 Stainless Steel ISO B Coupling with Nitrile Seal, BSPP

0249	Thread	Max Pressure Bar
HKS02SS	1/8"	250
HKS04SS	1/4"	250
HKS06SS	3/8"	200
HKS08SS	1/2"	200
HKS12SS	3/4"	160
HKS16SS	1"	125

Tech Sheet 10003

316 Stainless Steel ISO B Coupling with Nitrile Seal, NPT

8111	Thread	Max Pressure Bar
HKS04SS-NPT	1/4"	250
HKS06SS-NPT	3/8"	200
HKS08SS-NPT	1/2"	200
HKS12SS-NPT	3/4"	160
HKS16SS-NPT	1"	125

Tech Sheet 10003

316 Stainless Steel ISO B Coupling with Viton Seal, BSPP

0249	Thread	Max Pressure Bar
HKS02SS-V	1/8"	250
HKS04SS-V	1/4"	250
HKS06SS-V	3/8"	200
HKS08SS-V	1/2"	200
HKS12SS-V	3/4"	160
HKS16SS-V	1"	125

Tech Sheet 10003



316 Stainless Steel ISO B Plug with Nitrile Seal, BSPP

0249	Thread	Max Pressure Bar
HKP02SS	1/8"	250
HKP04SS	1/4"	250
HKP06SS	3/8"	200
HKP08SS	1/2"	200
HKP12SS	3/4"	160
HKP16SS	1"	125

Tech Sheet 10003

316 Stainless Steel ISO B Plug with Nitrile Seal, NPT

8111	Thread	Max Pressure Bar
HKP04SS-NPT	1/4"	250
HKP06SS-NPT	3/8"	200
HKP08SS-NPT	1/2"	200
HKP12SS-NPT	3/4"	160
HKP16SS-NPT	1"	125

Tech Sheet 10003

316 Stainless Steel ISO B Plug with Viton Seal, BSPP

0249	Thread	Max Pressure Bar
HKP02SS-V	1/8"	250
HKP04SS-V	1/4"	250
HKP06SS-V	3/8"	200
HKP08SS-V	1/2"	200
HKP12SS-V	3/4"	160
HKP16SS-V	1"	125

Tech Sheet 10003

Other seals available on request

HYDRAULIC QUICK RELEASE COUPLINGS

PAVX Series, ISO A Stainless Steel Couplings

 **Working Temperature:**
-25°C to +200°C Viton

 **Maximum Working Pressure:**
450 bar

Standard: ISO 7241-1 A
Occlusion: Poppet
Locking: Radial balls
Material: Stainless steel AISI 316

Available Threads: BSP, NPT
Standard Seals: Viton
Optional Seals: FFKM, EPDM
Connection Under Pressure: Not allowed

Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PAVX.0606.002	1/4"	6.3	450
PAVX.1010.002	3/8"	10	300
PAVX.1313.002	1/2"	12.5	300
PAVX.2019.002	3/4"	20	250
PAVX.2525.002	1"	25	200
PAVX.3031.002	1.1/4"	31.5	100
PAVX.3939.002	1.1/2"	40	80
PAVX.5051.002	2"	50	60
Tech Sheet 20474			



Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PAVX.0606.003	1/4"	6.3	450
PAVX.1010.003	3/8"	10	300
PAVX.1313.003	1/2"	12.5	300
PAVX.2019.003	3/4"	19	250
PAVX.2525.003	1"	25	200
PAVX.3031.003	1.1/4"	31.5	100
PAVX.3939.003	1.1/2"	40	80
PAVX.5051.003	2"	50	60
Tech Sheet 20474			



PBVX Series, ISO B Stainless Steel Couplings

 **Working Temperature:**
-25°C to +200°C

 **Maximum Working Pressure:**
400 bar

Standard: ISO 7241-1 B
Occlusion: Poppet
Locking: Radial balls
Material: Stainless steel AISI 316

Available Threads: BSP, NPT
Standard Seals: Viton
Optional Seals: FFKM, EPDM
Connection Under Pressure: Not allowed

Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PBVX.0404.002	1/8"	5	400
PBVX.0606.002	1/4"	6.3	350
PBVX.1010.002	3/8"	10	300
PBVX.1313.002	1/2"	12.5	300
PBVX.2019.002	3/4"	20	220
PBVX.2525.002	1"	25	200
PBVX.3931.002	1.1/4"	40	80
PBVX.3939.002	1.1/2"	40	80
PBVX.5051.002	2"	50	60
Tech Sheet 20478			



Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PBVX.0404.003	1/8"	5	400
PBVX.0606.003	1/4"	6.3	350
PBVX.1010.003	3/8"	10	300
PBVX.1313.003	1/2"	12.5	300
PBVX.2019.003	3/4"	20	220
PBVX.2525.003	1"	25	200
PBVX.3931.003	1.1/4"	40	80
PBVX.3939.003	1.1/2"	40	80
PBVX.5051.003	2"	50	60
Tech Sheet 20478			



HYDRAULIC QUICK RELEASE COUPLINGS

PLTX Series, ISO 16028 Flat Face Couplings, Stainless Steel

Standard: ISO 16028

Occlusion: Flat face

Locking: Radial balls

Material: Stainless steel AISI 316

Available Threads: BSP, NPT, SAE

Standard Seals: Viton

Optional Seals: EPDM, FFKM

Connection Under Pressure: Not allowed

 **Working Temperature:**
-25°C to +100°C

 **Maximum Working Pressure:** 350 bar



Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PLTX.0606.112	1/4"	6.3	400
PLTX.1310.112	3/8"	10	250
PLTX.1313.112	1/2"	10	250
PLTX.2013.112	1/2"	12.5	250
PLTX.2019.112	3/4"	12.5	250
PLTX.2519.112	3/4"	19	250
PLTX.2525.112	1"	19	250
PLTX.3031.112	1.1/4"	25	250
PLTX.3939.112	1.1/2"	40	150
PLTX.5051.112	2"	50	100
Tech Sheet 20483			

Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PLTX.0606.113	1/4"	6.3	400
PLTX.1310.113	3/8"	10	250
PLTX.1313.113	1/2"	10	250
PLTX.2013.113	1/2"	12.5	250
PLTX.2019.113	3/4"	12.5	250
PLTX.2519.113	3/4"	19	250
PLTX.2525.113	1"	19	250
PLTX.3031.113	1.1/4"	25	250
PLTX.3939.113	1.1/2"	40	150
PLTX.5051.113	2"	50	100
Tech Sheet 20483			



PLSX Series, Flat Face, Stainless Steel

Interchange: Snap-Tite 71

Occlusion: Flat face

Locking: Radial balls

Material: Stainless steel AISI 316

Available Threads: BSP, NPT

Standard Seals: Viton

Optional Seals: FFKM, EPDM

Connection Under Pressure: Not allowed

 **Working Temperature:**
-25°C to +100°C

 **Maximum Working Pressure:** 350 bar



Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PLSX.0606.112	1/4"	6.3	350
PLSX.1010.112	3/8"	10	350
PLSX.1013.112	1/2"	10	350
PLSX.1313.112	1/2"	12.5	350
PLSX.2019.112	3/4"	19	350
PLSX.2525.112	1"	25	350
PLSX.2531.112	1.1/4"	25	350
Tech Sheet 20485			

Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PLSX.0606.113	1/4"	6.3	350
PLSX.1010.113	3/8"	10	350
PLSX.1013.113	1/2"	10	350
PLSX.1313.113	1/2"	12.5	350
PLSX.2019.113	3/4"	19	350
PLSX.2525.113	1"	25	350
PLSX.2531.113	1.1/4"	25	350
Tech Sheet 20485			



PLS1 Series, Flat Face

Material: Steel

Finishing: Zn-Fe (Cr III)

Available Threads: BSP, NPT, SAE

Standard Seals: Nitrile

Optional Seals: Viton, EPDM

Connection Under Pressure: Not allowed



Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PLS1.0606.112	1/4"	6.3	350
PLS1.1010.112	3/8"	10	350
PLS1.1013.112	1/2"	10	350
PLS1.1313.112	1/2"	12.5	350
PLS1.2019.112	3/4"	19	350
PLS1.2525.112	1"	25	350
PLS1.2531.112	1.1/4"	25	350
Tech Sheet 20484			

Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PLS1.0606.113	1/4"	6.3	350
PLS1.1010.113	3/8"	10	350
PLS1.1013.113	1/2"	10	350
PLS1.1313.113	1/2"	12.5	350
PLS1.2019.113	3/4"	19	350
PLS1.2525.113	1"	25	350
PLS1.2531.113	1.1/4"	25	350
Tech Sheet 20484			



ISO 16028 Flat Face Protection Caps & Plugs

Plug for Coupling

Cap for Plug



Plug for Coupling

0457	To Suit	Material
SPLT.06002	ISO 6.3	Plastic
SPLT.13002	ISO 10	Plastic
SPLT.20002	ISO 12.5	Plastic
SPLT.25002	ISO 19	Plastic
Tech Sheet 20483		

Cap for Plug

0457	To Suit	Material
SPLT.06003	ISO 6.3	Plastic
SPLT.13003	ISO 10	Plastic
SPLT.20003	ISO 12.5	Plastic
SPLT.25003	ISO 19	Plastic
SPLT.30003	ISO 25	Plastic
Tech Sheet 20483		

ISO 16028 Automatic Caps



Cap for Coupling

0457	To Suit	Colour
SPLT.13302	ISO 10	Red
SPLT.13342	ISO 10	Black
SPPV.13302	ISO 12.5	Black
SPPV.13312	ISO 12.5	Black
SPPV.13322	ISO 12.5	Yellow
SPPV.13342	ISO 12.5	Red
Tech Sheet 20483		

316 Stainless Steel Couplings

See page 1472 for spare seals.

A



Female Threaded Plug, BSPP

0060	Thread
A12-SS	1/2"
A34-SS	3/4"
A1-SS	1"
A114-SS	1.1/4"
A112-SS	1.1/2"
A2-SS	2"
A212-SS	2.1/2"
A3-SS	3"
A4-SS	4"
A6-SS	6"

Tech Sheet 532

Female Threaded Plug, NPT

0060	Thread
A12-SS-NPT	1/2"
A34-SS-NPT	3/4"
A1-SS-NPT	1"
A114-SS-NPT	1.1/4"
A112-SS-NPT	1.1/2"
A2-SS-NPT	2"
A212-SS-NPT	2.1/2"
A3-SS-NPT	3"
A4-SS-NPT	4"

Tech Sheet 532

B



Male Threaded Lever Coupling, BSPT

0060	Thread
B12-SS	1/2"
B34-SS	3/4"
B1-SS	1"
B114-SS	1.1/4"
B112-SS	1.1/2"
B2-SS	2"
B212-SS	2.1/2"
B3-SS	3"
B4-SS	4"

Tech Sheet 532

Male Threaded Lever Coupling, NPT

0060	Thread
B12-SS-NPT	1/2"
B34-SS-NPT	3/4"
B1-SS-NPT	1"
B114-SS-NPT	1.1/4"
B112-SS-NPT	1.1/2"
B2-SS-NPT	2"
B3-SS-NPT	3"
B4-SS-NPT	4"

Tech Sheet 532

C



Hose Tail Lever Coupling

0060	Body
C12-SS	1/2"
C34-SS	3/4"
C1-SS	1"
C114-SS	1.1/4"
C112-SS	1.1/2"
C2-SS	2"
C212-SS	2.1/2"
C3-SS	3"
C4-SS	4"

Tech Sheet 532

D



Female Lever Coupling, BSPP

0060	Thread
D12-SS	1/2"
D34-SS	3/4"
D1-SS	1"
D114-SS	1.1/4"
D112-SS	1.1/2"
D2-SS	2"
D212-SS	2.1/2"
D3-SS	3"
D4-SS	4"

Tech Sheet 532

Female Lever Coupling, NPT

0060	Thread
D12-SS-NPT	1/2"
D34-SS-NPT	3/4"
D1-SS-NPT	1"
D114-SS-NPT	1.1/4"
D112-SS-NPT	1.1/2"
D2-SS-NPT	2"
D212-SS-NPT	2.1/2"
D3-SS-NPT	3"
D4-SS-NPT	4"

Tech Sheet 532

Dust Plug



0060	Body
DP12-SS	1/2"
DP34-SS	3/4"
DP1-SS	1"
DP112-SS	1.1/2"
DP2-SS	2"
DP212-SS	2.1/2"
DP3-SS	3"

Tech Sheet 532

Lever Stop



0060	Body
DC34-SS	3/4"
DC1-SS	1"
DC114-SS	1.1/4"
DC112-SS	1.1/2"
DC2-SS	2"
DC3-SS	3"
DC4-SS	4"

Tech Sheet 532

E



Hose Tail

0060	Thread
E12-SS	1/2"
E34-SS	3/4"
E1-SS	1"
E114-SS	1.1/4"
E112-SS	1.1/2"
E2-SS	2"
E212-SS	2.1/2"
E3-SS	3"
E4-SS	4"

Tech Sheet 532

F



Male Threaded Plug, BSPT

0060	Thread
F12-SS	1/2"
F34-SS	3/4"
F1-SS	1"
F114-SS	1.1/4"
F112-SS	1.1/2"
F2-SS	2"
F212-SS	2.1/2"
F3-SS	3"
F4-SS	4"

Tech Sheet 532

Male Threaded Plug, NPT

0060	Body
F12-SS-NPT	1/2"
F34-SS-NPT	3/4"
F1-SS-NPT	1"
F114-SS-NPT	1.1/4"
F112-SS-NPT	1.1/2"
F2-SS-NPT	2"
F212-SS-NPT	2.1/2"
F3-SS-NPT	3"
F4-SS-NPT	4"

Tech Sheet 532

Please note: 1/2" sizes are only supplied with one locking arm.

CLAW COUPLINGS

LÜDECKE

Claw Couplings DIN 3489, Stainless Steel

**Working Temperature:**
-30°C to +200°C

**Maximum Working Pressure:** 16 bar

Universal system for aggressive fluids in chemical or petrochemical industry, as well as food or drinking water applications.
Use original DIN 3489 Seal GPOR (EPDM) food or drinking water applications.

Material: Stainless steel 1.4401/1.4404
Seal: FKM
Media: Chemical substances
Claw Distance: 42 mm



stainless steel



Hose Tail

6295	To Suit Hose ID mm
EKT10V	10
EKT13V	13
EKT19V	19
EKT25V	25

stainless steel



Female Thread, BSPP

6295	Thread
EKI38V	3/8"
EKI12V	1/2"
EKI34V	3/4"
EKI10V	1"

stainless steel



Male Thread, BSPP

6295	Thread
EKA12V	1/2"
EKA34V	3/4"
EKA10V	1"

stainless steel



Blank End

6295	Description
EKO V	Blank End
EKM V	Blank End with Chain
EKM V-K	Spare Chain 200mm

Weld Liner



Stainless Steel

0108	Size
RJTWL1	1"
RJTWL112	1.1/2"
RJTWL2	2"
RJTWL212	2.1/2"
RJTWL3	3"
Tech Sheet 60554	

Reducing Weld Liner



Stainless Steel

0108	Size
RJTRWL2112	2" to 1.1/2"
Tech Sheet 60554	

Blank Liner



Stainless Steel

0108	Size
RJTBL1	1"
RJTBL112	1.1/2"
RJTBL2	2"
RJTBL212	2.1/2"
RJTBL3	3"
Tech Sheet 60554	

Hose Liner



Stainless Steel

0108	Size
RJTHL1	1"
RJTHL112	1.1/2"
RJTHL2	2"
RJTHL212	2.1/2"
RJTHL3	3"
Tech Sheet 60554	

Hex Nut



Stainless Steel

0108	Size
RJTN1	1"
RJTN112	1.1/2"
RJTN2	2"
RJTN3	3"
Tech Sheet 60554	

Weld Male



Stainless Steel

0108	Size
RJTWM1	1"
RJTWM112	1.1/2"
RJTWM2	2"
RJTWM3	3"
Tech Sheet 60554	

BSPP Adaptor



Stainless Steel

0108	Size	Thread
RJTA1	1"	1"
RJTA112	1.1/2"	1.1/2"
RJTD2	2"	2"
RJTA3	3"	3"
Tech Sheet 60554		

Seal



0108	Size
RJTS1	1"
RJTS112	1.1/2"
RJTS2	2"
RJTS3	3"
Tech Sheet 60554	

STAINLESS STEEL LEVER LOCK WATER PUMP COUPLINGS

Male x Hose Connector



0120	Coupling Size	To Suit Hose ID
LLSSMT2	50	2"
LLSSMT33	76	3"
LLSSMT3312	89	3" Tail x 3.1/2"
LLSSMT4	108	4"
LLSSMT6	159	6"
LLSSMT8	194	8"

Female x Hose Connector



0120	Coupling Size	To Suit Hose ID
LLSSFT2	50	2"
LLSSFT3312	89	3" Tail x 3.1/2"
LLSSFT4	108	4"
LLSSFT6	159	6"
LLSSFT8	194	8"

Male Weld End

Other sizes available on request.
Minimum quantity order may apply.



0120	Coupling Size
LLSSMWE2	50
LLSSMWE3312	89
LLSSMWE4	108
LLSSMWE6	159

Female Weld End



0120	Coupling Size
LLSSFWE2	50
LLSSFWE33	76
LLSSFWE3312	89
LLSSFWE4	108
LLSSFWE6	159

Male x Male BSPP Pipe Thread

Other sizes available on request.
Minimum quantity order may apply.



With Lever Closure Ring, BSPP

0120	Coupling Size	To Suit Hose ID
LLSSMBSP2	50	2"
LLSSMBSP33	76	3"
LLSSMBSP3312	89	3" BSPP x 3.1/2"
LLSSMBSP4	108	4"

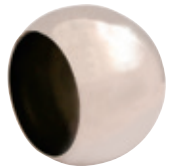
Female complete with BSPP Male Pipe Thread

Other sizes available on request.
Minimum quantity order may apply.



0120	Coupling Size	Thread
LLSFBSP2	50	2"
LLSFBSP33	76	3"
LLSFBSP3312	89	3" BSPP x 3.1/2"
LLSFBSP4	108	4"
LLSFBSP5	133	5"
LLSFBSP6	159	6"

Male End Cap



0120	Coupling Size
LLSSMEC2	50
LLSSMEC33	76
LLSSMEC3312	89
LLSSMEC4	108
LLSSMEC5	133
LLSSMEC6	159

Female End Cap

Other sizes available on request.
Minimum quantity order may apply.



0120	Coupling Size
LLSSFEC3312	89
LLSSFEC4	108
LLSSFEC6	159