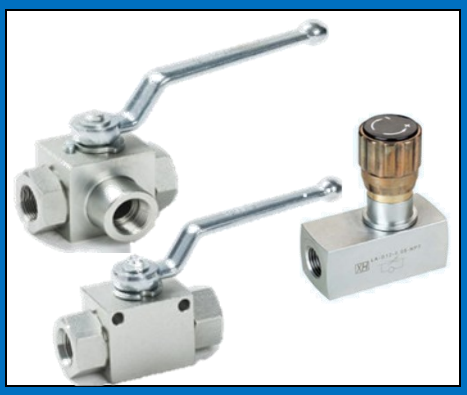
Hydrauli Connect

Quick Couplers & Valves

QUALITY

VALUE



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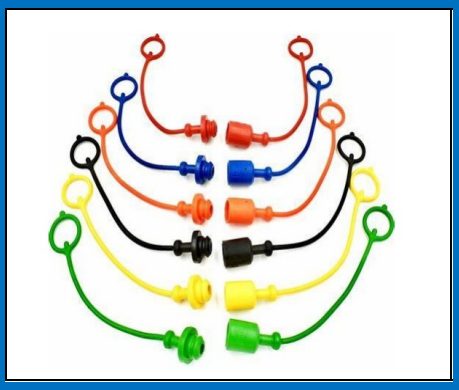

PRODUCT CATALOGUE

Edition 8 Ph: 021 161 0867 Email: sales@hydconnect.com www.hydconnect.com

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Warning

When disconnecting any hydraulic coupling you need to be aware of the possibility that high residual pressure could be in the system and it can be very dangerous.

Do not force the coupling valve to release the pressure, use a coupling that can be connected under pressure or a tool such as the HPR to release the pressure safely.

Responsibility

It is difficult to consider all risk factors in every possible application.

The final choice of the product is the responsibility of the customer who has made the choice from the information available. The customer has to make sure all specifications of the selected coupler suits the application.

Hydraulic Connect are not responsible for damages to persons or machines caused by improper use or incorrect selection or maintenance of products.

Safety Guide for Using Quick Couplers

This safety guide provides instructions for using quick couplers. Improper use and incorrect maintenance of products with high internal working pressures could cause malfunction and damage to persons or machines. It is important that you can read and follow safety instructions. If you have any questions contact Hydraulic Connect.

- Carefully check the specifications of any new coupler before use.
- Make sure the coupler is suitable for pressure, flow, fluid compatibility required for the application.
- Check the function of the coupler before use by connecting and disconnecting a few times.
- Verify the threads are correct for fit and seal.
- Before connecting clean both male & female parts to prevent dirt inclusion into the system.
- When couplers are disconnected, protect them with the correct dust cap or plug.
- After fitting a new coupler test the system under maximum working pressure.
- When using Flat Face couplers, the most critical moment is when the valve in the male moves and causes an internal volume reduction. This causes a pressure increase.
- In order to reduce the internal stress we have a male Flat Face coupling equipped with a triple valve system. This allows connection under residual pressure using the standard female coupling. **Important this only works when the male is under pressure, the female has to be free of pressure.**
- Do not use any coupling as a swivel, strong side loads will damage the couplings seals and bearings, creating leaks and potential catastrophic failure which could cause injury to persons or damage to machines.

To allow for maximum interchangeability our couplers are designed to conform to the latest ISO and DIN specifications.

This ensures full interchangeability with all couplings that conform to the same standard.

The chart below is to help identify the correct series of ISO or DIN poppet or ball type coupler.
A simple dimension check will identify the correct series of coupler.

The difference between the PK, S4, NS & NV is:

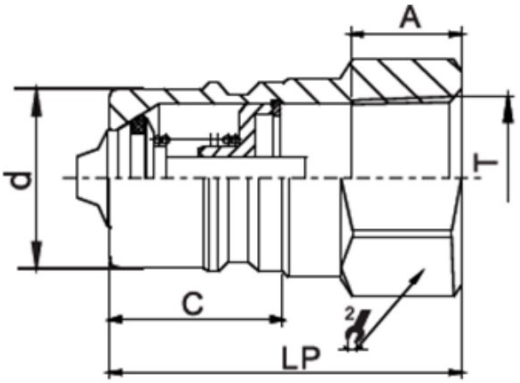
PK & NV are poppet type couplers, S4 & NS are ball type couplers

Poppet Selection Chart

Dimension Check

Series	Standard
S1	ISO 7241-A
PK/S4	ISO 5675 (DIN)
S2	ISO 7241-B
NV/NS	ISO 5675 (DIN)

NV & NS are Faster Couplers



Size	Series	LP	d mm	C		A
1/4	S1	35.50	11.80	15.00		13.00
	PK/S4	36.00	14.20	18.50	19.00	12.50
	S2	36.00	14.20	22.80	19.00	13.00
Faster	NS/NV	36.00	14.20	18.50	19.00	12.50
3/8	S1	36.50	17.30	21.40	22.00	14.00
	PK/S4	40.00	19.00	22.00	24.00	13.00
	S2	40.00	19.00	25.00	24.00	13.00
Faster	NS/NV	40.00	19.00	22.00	24.00	13.00
1/2	S1	43.50	20.50	27.00	27.00	16.00
	PK/S4	46.00	20.50	29.00	27.00	18.00
	S2	46.50	23.50	28.00	28.50	20.50
Faster	NS/NV	46.00	20.50	29.00	27.00	18.00
3/4	**S1**	57.00	**29.00**	28.00	35.00	18.00
	PK/S4	51.00	**26.90**	28.50	33.30	18.00
	S2	56.00	31.50	36.00	36.00	22.00
Faster	**NS/NV**	55.00	**28.00**	36.00	33.30	18.00
1"	S1	59.50	34.30	36.00	41.00	21.00
	PK/S4	53.50	31.30	32.00	34.00	19.00
	S2	63.00	37.80	45.00	41.00	23.00
Faster	NS/NV	53.50	31.30	32.00	34.00	19.00

The highlighted dimensions are the ones to check on the 3/4 size male.

Quick Coupling X Reference Guide

Hyd Conn	Parker	Faster	Stucchi	Pirtek	Ryco	Holmbury	Eaton	Fluid Conn	Manuli	DNP	Snap-Tite	Dixon	Stauff	Inteva
S1	6600	ANV	BIR	6600	R82/81	IA	5600	QA	A	PAV1	61	K	IA	101
S1Y	8010 DC	4NV	BIR PC		R81 CP	IAPC	FD72	QA PC	AP	PKK1	63		HU	105
PK	4000	NV	IR V	4000	R80	DINV		QD	N	PDV1	60	AG	ID	104
NV		NV	IR V (FA)	4000		DINV	FD42	QDF		PDV1		AG	ID	104
S4	4000	NS	IR	4000	R91/R94	DINB			N	PDS1		AG		104
NS		NS	IR (FA)	4000		DINB				PDS1		AG		104
S5	4200	PV/PS	IRS/IP	6602P	R94/96	P	FD71	QAF PPS	AF	PPV1	61DC	AG	HP	105
3CFPV	RSD	3CFPV				IAP		QAF MSM	ARM	PPK3			UX10	107
PBR		NZV	IRN	9500	R140		PB3310	QPBR		PNZ1			HG	
S2-G	H62/63	HNV	IRB	F6600	R55	IB	FD45/HK	QB	B	PBV1	72	H	IB	103
S2-N	H62/63	HNV	IRB	60B	R45	IB	FD45/HK	QB	B	PBV1	72	H	IB	103
S2-GB	BH60/61	HNV	IRBO		R55B	IBB	FD45/HK		B	PBVM	B72	H	IB	103
S2-NB	BH60/61	HNV	IRBO		R45B	IBB	FD45/HK		B	PBVM	B72	H	IB	103
S2-GS	SH62/63	HNV			R55S		FD45/HK				S72	H	IB	
S2-GSS	SSH62/63	HNV	IRBX	SF6600	R55SS	IBS	FD45/HK	S-QB	B	PBVX	SS72	H	IB	103
S2-NSS	SSH62/63	HNV	IRBX		R45SS	IBS	FD45/HK	S-QB	B	PBVX	SS72	H	IB	103
FF-G	FEM-FB	FFH	FIRG	7000**	R110	HQ	FD89/FF	QFF	FH	PLT4	74	HT	FF/FH	131
FF-U	FEM-FO	FFH	FIRG	7500**	R112	HQ	FD89/FF	QFF	FH	PLT4	74	HT	FF/FH	131
FFY	FEC	3FFH	APM	7200		HCP	FFCUP	QFM-HCP	FP	PLK4	CP74	HTE	FU	131
S300	3000	PVVM	IVHP	3000	R100	PSP	HP3	QJ	SC	PVM4	76	T	HI/HJ	202
VV		VV				PLC		QS-VV		VDV1			HB	
VVS		VVS				PTC		QS-VVS		VVV1			HH	
CVV	QHPA	CVV	VD	8200	R120	HS		QS HS	SG	PVV3		CVV	HS	205
ST	ST					HFB	ST			ST		E		
TM	TH		IRC	9000	R130	F		QH-F		PTV1		TR		125
VEP	FET	FHV	VEP			HFT	FD96	QFF-HFT	FS	PST4		VEP	FT	231
TF		UHP150				KM				PCJ6			HC/HD	
PD	PD	DF		DQC		DTP	FD90		D	PLD3		PD		136
S10	5676	VF	IFR			TB			VB	PFT			BP	120
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Whilst we endeavour to publish correct information, errors and omissions may occur. Please check with Hydraulic Connect

Poppet Couplers

S1 Series ISO 7241-A

Material Steel, Poppet Valve, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	S1F-04G	S1M-04G
3/8	10	-6	BSP	3/8	S1F-06G	S1M-06G
1/2	12	-8	BSP	3/8	S1F-0806G	S1M-0806G
1/2	12	-8	BSP	1/2	S1F-08G	S1M-08G
1/2	12	-8	NPT	1/2	S1F-08N	S1M-08N
1/2	12	-8	UNO	3/4	S1F-12U	S1M-12U
1/2	12	-8	UNO	7/8	S1F-14U	S1M-14U
1/2	12	-8	METRIC	M18*1.5	S1F-08FM18	S1M-08FM18
1/2	12	-8	METRIC	M22*1.5	S1F-08FM22	S1M-08FM22
3/4	19	-12	BSP	3/4	S1F-12G	S1M-12G (29.0 mm)
1"	25	-16	BSP	1"	S1F-16G	S1M-16G
1 1/4	32	-20	BSP	1 1/4	S1F-20G	S1M-20G
1 1/2	38	-24	BSP	1 1/2	S1F-24G	S1M-24G
2"	50	-32	BSP	2"	S1F-32G	S1M-32G

S1 Series ISO 7241-A "Connect Under Pressure"

Material Steel, Poppet Valve, Nitrile Seals

			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	S1YF-08G	S1YM-08G

S1 Series ISO 7241-A - 316 Stainless Steel

Material 316 Stainless Steel, Poppet Valve, Viton Seals

			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	S1F-04GSS	S1M-04GSS
3/8	10	-6	BSP	3/8	S1F-06GSS	S1M-06GSS
1/2	12	-8	BSP	1/2	S1F-08GSS	S1M-08GSS
3/4	19	-12	BSP	3/4	S1F-12GSS	S1M-12GSS
1"	25	-16	BSP	1"	S1F-16GSS	S1M-16GSS

Poppet Couplers

S2 Series ISO 7241-B Interchange Steel BSP Threads

Material Steel, Poppet Valves, Nitrile Seals

Inch	Din	Dash	Thread Type	Thread Size	Female	Male
1/8	4	-2	BSP	1/8	S2F-02G	S2M-02G
1/4	6	-4	BSP	1/4	S2F-04G	S2M-04G
3/8	10	-6	BSP	3/8	S2F-06G	S2M-06G
1/2	12	-8	BSP	1/2	S2F-08G	S2M-08G
3/4	19	-12	BSP	3/4	S2F-12G	S2M-12G
1"	25	-16	BSP	1"	S2F-16G	S2M-16G

S2 Series ISO 7241-B Interchange Steel NPT Threads

Material Steel, Poppet Valves, Nitrile Seals

Body Size Inch	Din	Dash	Thread Type	Thread Size	Female	Male
1/8	4	-2	NPT	1/8	S2F-02N	S2M-02N
1/4	6	-4	NPT	1/4	S2F-04N	S2M-04N
3/8	10	-6	NPT	3/8	S2F-06N	S2M-06N
1/2	12	-8	NPT	1/2	S2F-08N	S2M-08N
3/4	19	-12	NPT	3/4	S2F-12N	S2M-12N
1"	25	-16	NPT	1"	S2F-16N	S2M-16N

S2 Series ISO 7241-B Interchange Steel UNO Threads

Material Steel, Poppet Valves, Nitrile Seals

Body Size Inch	Din	Dash	Thread Type	Thread Size	Female	Male
1/4	6	-4	UNO	9/16	S2F-0409U	S2M-0409U
3/8	10	-6	UNO	9/16	S2F-0609U	S2M-0609U

Poppet Couplers

S2 Series ISO 7241-B Interchange Brass BSP Threads

Material Brass, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/8	4	-2	BSP	1/8	S2F-02GB	S2M-02GB
1/4	6	-4	BSP	1/4	S2F-04GB	S2M-04GB
3/8	10	-6	BSP	3/8	S2F-06GB	S2M-06GB
1/2	12	-8	BSP	1/2	S2F-08GB	S2M-08GB
3/4	19	-12	BSP	3/4	S2F-12GB	S2M-12GB
1"	25	-16	BSP	1"	S2F-16GB	S2M-16GB

S2 Series ISO 7241-B Interchange Brass NPT Threads

Material Brass, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/8	4	-2	NPT	1/8	S2F-02NB	S2M-02NB
1/4	6	-4	NPT	1/4	S2F-04NB	S2M-04NB
3/8	10	-6	NPT	3/8	S2F-06NB	S2M-06NB
1/2	12	-8	NPT	1/2	S2F-08NB	S2M-08NB
3/4	19	-12	NPT	3/4	S2F-12NB	S2M-12NB
1"	25	-16	NPT	1"	S2F-16NB	S2M-16NB

S2 Series ISO 7241-B Interchange 304 Stainless Steel BSP Threads

Material 304 Stainless Steel, Poppet Valves, Viton Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/8	4	-2	BSP	1/8	S2F-02GS	S2M-02GS
1/4	6	-4	BSP	1/4	S2F-04GS	S2M-04GS
3/8	10	-6	BSP	3/8	S2F-06GS	S2M-06GS
1/2	12	-8	BSP	1/2	S2F-08GS	S2M-08GS
3/4	19	-12	BSP	3/4	S2F-12GS	S2M-12GS
1"	25	-16	BSP	1"	S2F-16GS	S2M-16GS

Poppet Couplers

S2 Series ISO 7241-B Interchange 316 Stainless Steel BSP Threads

Material 316 Stainless Steel, Poppet Valves, Viton Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/8	4	-2	BSP	1/8	S2F-02GSS	S2M-02GSS
1/4	6	-4	BSP	1/4	S2F-04GSS	S2M-04GSS
3/8	10	-6	BSP	3/8	S2F-06GSS	S2M-06GSS
1/2	12	-8	BSP	1/2	S2F-08GSS	S2M-08GSS
3/4	19	-12	BSP	3/4	S2F-12GSS	S2M-12GSS
1"	25	-16	BSP	1"	S2F-16GSS	S2M-16GSS

S2 Series ISO 7241-B Interchange 316 Stainless Steel NPT Threads

Material 316 Stainless Steel, Poppet Valves, Viton Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/8	4	-2	NPT	1/8	S2F-02NSS	S2M-02NSS
1/4	6	-4	NPT	1/4	S2F-04NSS	S2M-04NSS
3/8	10	-6	NPT	3/8	S2F-06NSS	S2M-06NSS
1/2	12	-8	NPT	1/2	S2F-08NSS	S2M-08NSS
3/4	19	-12	NPT	3/4	S2F-12NSS	S2M-12NSS
1"	25	-16	NPT	1"	S2F-16NSS	S2M-16NSS

Tema Interchange

TM Series "Tema Interchange"

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
3/8	10	-6	BSP	3/8	TMF-06GP	TMM-06GP
1/2	12	-8	BSP	1/2	TMF-08GP	TMM-08GP
3/4	19	-12	BSP	3/4	TMF-12G	TMM-12G
1"	25	-16	BSP	1"	TMF-16G	TMM-16G

TM Series "Tema Interchange"

Material 316 Stainless Steel, Poppet Valves, Viton Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	TMF-08GPSS	TMM-08GPSS

Agricultural Interchange

PK Series ISO 5675 Agricultural Interchange BSP, NPT Threads

Material Steel, Poppet Valve, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	PKF-04G	PKM-04G
1/4	6	-4	NPT	1/4	PKF-04N	PKM-04N
3/8	10	-6	BSP	3/8	PKF-06G	PKM-06G
3/8	10	-6	NPT	3/8	PKF-06N	PKM-06N
1/2	12	-8	BSP	1/2	S1F-08G	S1M-08G
3/4	19	-12	BSP	3/4	PKF-12G	PKM-12G (26.9mm)
3/4	19	-12	NPT	3/4	PKF-12N	PKM-12N(26.9mm)
1"	25	-16	BSP	1"	PKF-16G	PKM-16G

PK Series ISO 5675 Agricultural Interchange UNO Threads

Material Steel, Poppet Valve, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	UNO	9/16	PKF-0409U	PKM-0409U
3/8	10	-6	UNO	9/16	PKF-0609U	PKM-0609U

Agricultural Interchange

NV Series ISO 5675 Agricultural (Faster Interchange 3/4 Only) 28mm

Material Steel, Poppet Valve, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
3/4	19	-12	BSP	3/4	NVF-12G	NVM-12G (28.0mm)
3/4	19	-12	NPT	3/4	NVF-12N	NVM-12N(28.0mm)

KZ Series Chinese Style Coupler

Material Steel, Poppet Valve, Nitrile Seals

			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	KZF-08G	KZM-08G

Transport High Flow Couplers

PBR Series High Flow for Transport Push Pull Sleeve & Single Acting Sleeve

Material Steel, Poppet Valves, Nitrile Seals, Push Pull Sleeve

Body Size				Thread			
Inch	Din	Dash	Type	Size		Female	Male
1"	25	-16	BSP	1"	Push-Pull	PBRF-16GP	PBRM-16G
1”	25	-16	BSP	1”	Single Acting	IRNF-16G	PBRM-16G

Poppet Couplers Push-Pull

S5 Series "Push Pull"

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	S5F-08G	S1M-08G
1/2	12	-8	NPT	1/2	S5F-08N	S1M-08N
1/2	12	-8	UNO	3/4	S5F-12U	S1M-12U
1/2	12	-8	UNO	7/8	S5F-14U	S1M-14U
1/2	12	-8	METRIC	M22*1.5	S5F-08FM22	S1M-08FM22

S5 Series ISO 5675 "Push Pull" Bulkhead Connection

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	3/8	S5F-06GBH	S1M-06GBH
1/2	12	-8	10L	M16*1.5	S5F-10LBH	S5M-10LBH
1/2	12	-8	12L	M18*1.5	S5F-12LBH	S5M-12LBH
1/2	12	-8	15L	M22*1.5	S5F-15LBH	S5M-15LBH
1/2	12	-8	10S	M18*1.5	S5F-10SBH	S5M-10SBH
1/2	12	-8	12S	M20*1.5	S5F-12SBH	S5M-12SBH
1/2	12	-8	14S	M22*1.5	S5F-14SBH	S5M-14SBH
1/2	12	-8	BSP	1/2	S5F-08GBH *	S5M-08GBH
1/2	12	-8	ORFS	13/16	S5F-0813OBH *	S5M-0813OBH
1/2	12	-8	ORFS	1"	S5F-0816OBH *	S5M-0816OBH

*** Conversion adaptors used**

S5Y Series ISO 5675 "Push Pull" Connect Under Pressure

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	S5YF-08G	S1YM-08G

S312 Series ISO 5675 "Push Pull" Connect Under Pressure Both Halves

Material Steel, Poppet Valves, Nitrile Seals

May be used with either an open centre or closed centre hydraulic system that has a control valve.

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	UNO	7/8	S312F-14U	S312M-14U

Long Push-Pull Couplers

3CFPV & 3CFHF Series Connectable with Male Under Pressure

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	
1/2	12	-8	METRIC MALE	M22*1.5	3CFHF-22M	
1/2	12	-8	BSP MALE	3/8	3CFPV-06GM	
1/2	12	-8	BSP FEMALE	1/2	3CFPV-08GF	
1/2	12	-8	NPT FEMALE	1/2	3CFPV-08NF	
1/2	12	-8	METRIC BULKHEAD M22*1.5	M22*1.5	3CFPV-22MBH	
1/2	12	-8	METRIC BH	M18*1.5	3CFPV-12LBH	*
1/2	12	-8	BSP BH	3/8	3CFPV-06GBH	*
1/2	12	-8	BSP BH	1/2	3CFPV-08GBH	*
1/2	12	-8	ORFS MALE BULKHEAD	13/16	3CFPV-13OBH	*
1/2	12	-8	ORFS MALE BULKHEAD	1”	3CFPV-16OBH	*

*** Conversion adaptors used**

4SRPV (4SRHF) Series Connectable with Male & Female Under Pressure

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread		
Inch	Din	Dash	Type	Size	Female
1/2	12	-8	METRIC MALE	M22*1.5	4SRPV-22M

RSD Series Connectable with Male Under Pressure “Parker Version”

(Will Interchange with the 3CFHF-22M)

Body Size			Thread		
Inch	Din	Dash	Type	Size	Female
1/2	12	-8	METRIC MALE	M22*1.5	RSD-22M

Cartridges

5DCPV Cartridge " Fits 5BM5DCPV Housing"

Material Steel, Poppet Valves, Nitrile Seals

Body Size Inch	Din	Dash	Type	Size	Female
1/2	12	-8	CARTRIDGE	1/2	5DCPV-08

Selective control valve break-away coupler

Interchanges with the following:

Faster: 5DCPVA08-A

John Deere: RE 256693 & RE 577560
RE 203206 & RE 226728

Parker: 0510-007

Vapormatic: VP0510007

4DCPV Cartridge "Fits 4BM4DCPV Housings"

Material Steel, Poppet Valves, Nitrile Seals

Body Size Inch	Din	Dash	Type	Size	Female
1/2	12	-8	CARTRIDGE	1/2	4DCPV-08

Suits Claas, Massey Ferguson, Challenger, AGCO machines

Interchangers with:

HM4308111

4358008M13

4308111M11

4358014M12 & M13

Faster 4DCPCES3

Ball Type Agricultural Interchange

S4 Series ISO 5675 Agricultural Interchange " Ball Type"

Material Steel, Ball Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	S4F-04G	S4M-04G
3/8	10	-6	BSP	3/8	S4F-06G	S4M-06G
1/2	12	-8	BSP	1/2	S4F-08G	S4M-08G
3/4	19	-12	BSP	3/4	S4F-12G	S4M-12G (26.9mm)
1"	25	-16	BSP	1"	S4F-16G	S4M-16G

NS Series ISO 5675 Agricultural Faster Interchange " Ball Type" 28mm

Material Steel, Ball Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
3/4	19	-12	BSP	3/4	NSF-12G	NSM-12G (28.0mm)

S5 Series ISO 5675 "Push Pull" Ball Type

Material Steel, Ball Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	S5BF-08G	S4M-08G
1/2	12	-8	NPT	1/2	S5BF-08N	S4M-08N
1/2	12	-8	UNO	3/4	S5BF-12U	S4M-12U

Flat Face Couplers

FF Series ISO 16028 Flat Face Couplers BSP Threads

Material Steel, Flat Face Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/8	4	-2	BSP	1/8	FFF-02G	FFM-02G (11.6mm)
1/4	6	-4	BSP	1/4	FFF-04G	FFM-04G (16.10mm)
3/8	10	-6	BSP	3/8	FFF-06G	FFM-06G (19.70mm)
3/8	10	-6	BSP	1/2	FFF-0608G	FFM-0608G (19.70mm)
1/2	12	-8	BSP	1/2	FFF-08G	FFM-08G (24.50mm)
1/2	12	-8	BSP	3/4	FFF-0812G	FFM-0812G (24.50mm)
5/8	16	-10	BSP	3/4	FFF-1012G	FFM-1012G (27.00mm)
3/4	19	-12	BSP	3/4	FFF-12G	FFM-12G (30.00mm)
3/4	19	-12	BSP	1"	FFF-1216G	FFM-1216G (30.00mm)
1"	25	-16	BSP	1"	FFF-16G	FFM-16G (36.00mm)
1"	25	-16	BSP	1 1/4	FFF-1620G	FFM-1620G (36.00mm)

FF Series ISO 16028 Flat Face Couplers UNO Threads

Material Steel, Flat Face Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	UNO	9/16	FFF-0409U	FFM-0409U (16.10mm)
3/8	10	-6	UNO	9/16	FFF-0609U	FFM-0609U(16.10mm)
3/8	10	-6	UNO	3/4	FFF-0612U	FFM-0612U (19.70mm)
1/2	12	-8	UNO	3/4	FFF-0812U	FFM-0812U (24.50mm)
1/2	12	-8	UNO	7/8	FFF-0814U	FFM-0814U (24.50mm)
1/2	12	-8	UNO	1 1/16	FFF-0817U	FFM-0817U (24.50mm)
5/8	16	-10	UNO	1 1/16	FFF-1017U	FFM-1017U(27.00mm)
3/4	19	-12	UNO	1 1/16	FFF-1217U	FFM-1217U(30.00mm)

Flat Face Couplers

FF Series ISO 16028 Flat Face Couplers 316 Stainless Steel

Material 316 Stainless Steel, Flat Face Valves, Viton Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	FFF-04GSS	FFM-04GSS (16.10mm)
3/8	10	-6	BSP	3/8	FFF-06GSS	FFM-06GSS (19.70mm)
1/2	12	-8	BSP	1/2	FFF-08GSS	FFM-08GSS (24.50mm)
5/8	16	-10	BSP	3/4	FFF-1012GSS	FFM-1012GSS (27.00mm)
3/4	19	-12	BSP	3/4	FFF-12GSS	FFM-12GSS (30.00mm)

FFY Series ISO 16028 Flat Face Connect under Pressure BSP Threads

Material Steel, Flat Face Valves, Nitrile Seals

Body Size			Thread		
Inch	Din	Dash	Type	Size	Male
3/8	10	-6	BSP	3/8	FFYM-06G (19.70mm)
1/2	12	-8	BSP	1/2	FFYM-08G (24.50mm)

FF Series ISO 16028 Flat Face Compact 90°

Material Steel, Flat Face Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	JICM	9/16	FFF-0809-90	FFM-0809-90
1/2	12	-8	JICM	1 1/16	FFF-0817-90	FFM-0817-90

Flat Face Couplers

FF Series ISO 16028 Flat Face JIC & ORFS Bulkhead

Material Steel, Flat Face Valves, Nitrile Seals

Body Size			Thread				
Inch	Din	Dash	Type	Size	Female	Male	
1/2	12	-8	JIC	3/4	FFF-0812JBH	FFM-0812JBH	*
1/2	12	-8	JIC	7/8	FFF-0814JBH	FFM-0814JBH	*
1/2	12	-8	JIC	1 1/16	FFF-0817JBH	FFM-0817JBH	*
1/2	12	-8	ORFS	13/16	FFF-0813OBH	FFM-0813OBH	*
1/2	12	-8	ORFS	1"	FFF-0816OBH	FFM-0816OBH	*

*** Conversion Adaptors Used**

S10 Series Trailer Brake Couplers ISO 5676 Interchange

Material Steel, Flat Face Valve, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	S10F-08G	S10M-08G
1/2	12	-8	BSP	3/8	S10F-0806G	
1/2	12	-8	METRIC	M18*1.5	S10F-08M18	S10M-08M18
1/2	12	-8	METRIC	M18*1.5		S10M-08M18B
1/2	12	-8	METRIC	M20*1.5		S10M-08M20
1/2	12	-8	METRIC	M22*1.5		S10M-08M22

VEP Series Flat Face Screw Connect Under Pressure

Material Steel, Flat Face Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
3/8	10	-6	BSP	3/8	VEPF-06G	VEPM-06G
1/2	12	-8	BSP	1/2	VEPF-08G	VEPM-08G
5/8	16	-10	BSP	3/4	VEPF-1012G	VEPM-1012G
3/4	19	-12	BSP	3/4	VEPF-12G	VEPM-12G
3/4	19	-12	BSP	1"	VEPF-1216G	VEPM-1216G
1"	25	-16	BSP	1"	VEPF-16G	VEPM-16G
1 1/4	32	20	BSP	1"	VEPF-2016G	VEPM-2016G
1 1/4	32	-20	BSP	1 1/4	VEPF-20G	VEPM-20G
1 1/2	38	-24	BSP	1 1/2	VEPF-24G	VEPM-24G

Flat Face Couplers

FFH Series ISO 16028 Flat Face Cartridge "M48*1.5"

Material Steel, Flat face Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	METRIC	M48*1.5	FFHF-08M48	FFHM-08M48
3/4	19	-12	METRIC	M48*1.5	FFHF-12M48	FFHM-12M48

Replaces Bobcat 1/2 Female: 7246802, Male: 7246799
Replaces Kubota Female: V1311-77150 Male: V1311-77140
Replaces Case/New Holland Female: 47396761 Male: 47396760
The M48*1.5 cartridge fit the Faster 4BD4FH housing

FFH Series ISO 16028 Flat Face Cartridge "M46*1.5"

Material Steel, Flat face Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	METRIC	M46*1.5	FFHF-08M46	FFHM-08M46

Replaces Bobcat Female: 6680018, Male: 6679837
Replaces Kubota Female: V0511-77150, Male: V0511-77140
Replaces Case/New Holland Female: 84390118 Male: 84390117
The M46*1.5 cartridge fit the Faster 4BD4FI housing

4BD4FH Drain Line Coupler

Body Size			Thread		
Inch	Din	Dash	Type	Size	Male
3/8	10	-6	Metric	M24*1.5	4BD4FH3/8FF

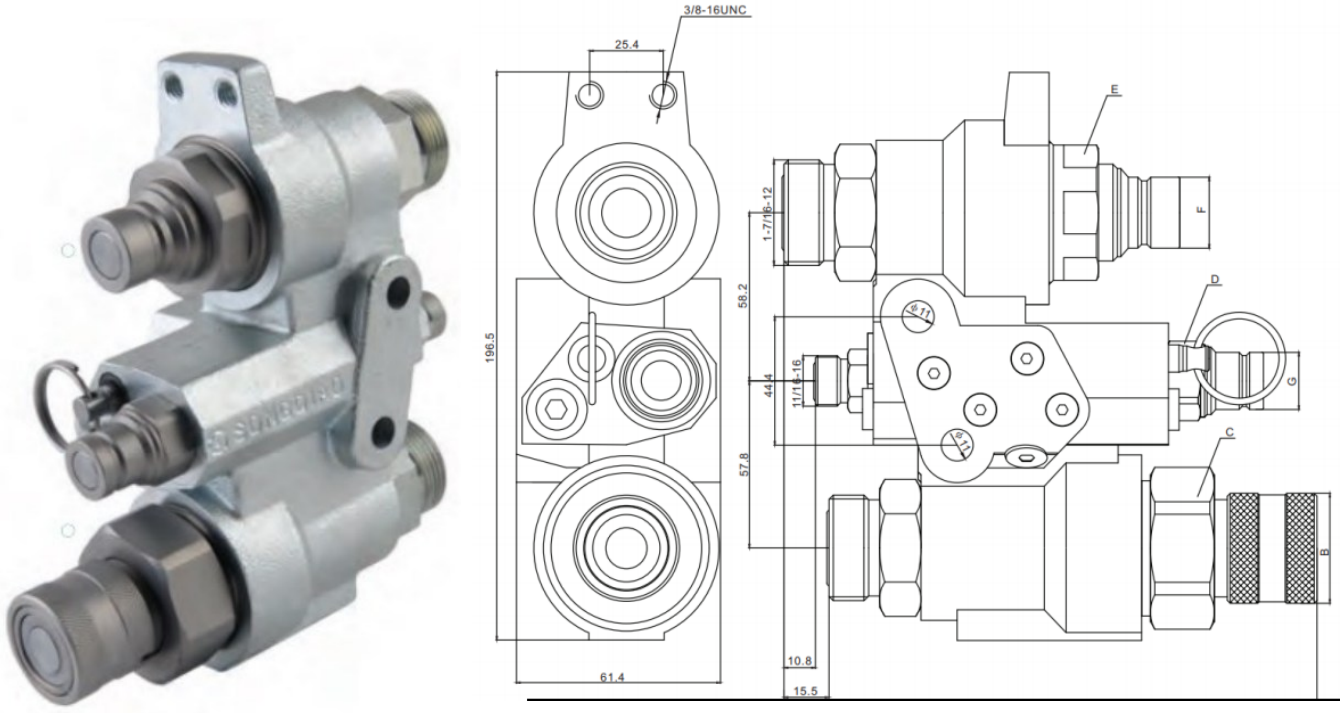
Modular Valves

HDB Modular Valve Series

Material: Steel Casting

Coupling Type: ISO 16028 Flat Face

Proprietary Design



ISO	Part #	A	B	C	D	E	F	G
12.5	HDB-08	184	S44.45	S50.8	S25.4	38	24.54	19.75
19	HDB-12	188	S44.45	S50.8	S25.4	48	29.95	19.75

Body Size			Coupler		Male &
Inch	Din	Dash	Type	Size	Female
1/2	12	-8	Flat Face	1/2	HDB-08
3/4	19	-12	Flat Face	3/4	HDB-12

Modular Valves

4BD4FH Modular Valve Series "Faster Interchange"

Material: Steel Casting
Coupling Type: ISO 16028 Flat Face
Faster 4BD4FH Interchange

The housing can be purchased with or without the couplers

M48*1.5 Cartridge

	Type	Size	Female	Male
M48 * 1.5	Flat Face	1/2	FFHF-08M48	FFHM-08M48
	Flat Face	3/4	FFHF-12M48	FFHM-12M48
	Flat Face	3/8	Drain Line Coupler Male	4BD4FH3/8FF

Bare Housing, no couplers	4BD4FH-BH
Housing Complete with 1/2 couplers	4BD4FH-08
Housing Complete with 3/4 Couplers	4BD4FH-12

Screw Connect Couplers

S300 Series Screw Connect Jacking Coupler 700 Bar Ball Type

Material Steel, Ball Type Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	NPT	1/4	S300F-04NB	S300M-04NB
3/8	10	-6	NPT	3/8	S300F-06NB	S300M-06NB

S300 Series Screw Connect Jacking Coupler 700 Bar Poppet Type

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
3/8	10	-6	NPT	3/8	S300F-06N	S300M-06N
3/8	10	-6	NPT	3/8	S300F-06NF	Female Thread

VV Series Screw Connect Accepts ISO 5675 Nipples

Material Steel, Poppet Valves, Nitrile Seals

VVM PK

Body Size			Thread				
Inch	Din	Dash	Type	Size	Female	Male	Male
1/4	6	-4	BSP	1/4	VVF-04G	VVM-04G	PKM-04G
3/8	10	-6	BSP	3/8	VVF-06G	VVM-06G	PKM-06G
1/2	12	-8	BSP	1/2	VVF-08G	VVM-08G	S1M-08G
3/4	19	-12	BSP	3/4	VVF-12G	VVM-12G	NVM-12G
1"	25	-16	BSP	1"	VVF-16G	VVM-16G	PKM-16G

S75 Series Screw Connect Heavy Duty NPT Thread

Material Steel, Poppet Valves, Nitrile Seals, Screw Connect

ACME Connection Thread

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1"	25	-16	NPT	1"	S75F-16N	S75M-16N
1 1/4	32	-20	NPT	1 1/4	S75F-20N	S75M-20N
1 1/2	38	-24	NPT	1 1/2	S75F-24N	S75M-24N
2"	50	-32	NPT	2"	S75F-32N	S75M-32N

Screw Connect Couplers

VVS Series Screw Connect Faster Interchange

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	VVSF-04G	VVSM-04G
3/8	10	-6	BSP	3/8	VVSF-06G	VVSM-06G
1/2	12	-8	BSP	1/2	VVSF-08G	VVSM-08G
3/4	19	-12	BSP	3/4	VVSF-12G	VVSM-12G
1"	25	-16	BSP	1"	VVSF-16G	VVSM-16G
1 1/4	32	-20	BSP	1 1/4	VVSF-20G	VVSM-20G
1 1/2	38	-24	BSP	1 1/2	VVSF-24G	VVSM-24G
2"	50	-32	BSP	2"	VVSF-32G	VVSM-32G

CVV Series Screw Connect Interchange According to ISO 14541 (1/4 to 3/4)

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread				
Inch	Din	Dash	Type	Size	Female	Male	Male (H/D)
1/4	6	-4	BSP	1/4	CVVF-04G	CVVM-04G	
3/8	10	-6	BSP	3/8	CVVF-06G	CVVM-06G	
1/2	12	-8	BSP	1/2	CVVF-08G	CVVM-08G	
3/4	19	-12	BSP	3/4	CVVF-12G	CVVM-12G	CVVM-12GH
1"	25	16	BSP	3/4	CVVF-1612G	CVVM-1612G	CVVM-1612GH
1"	25	-16	BSP	1"	CVVF-16G	CVVM-16G	CVVM-16GH
1 1/2	38	-24	BSP	1 1/4	CVVF-20G	CVVM-20G	
1 1/2	38	-24	BSP	1 1/2	CVVF-24G	CVVM-24G	

"H" At the end of the part number denotes the Heavy Duty Hex Nut.

Screw Connect Couplers

CVV Series Screw Connect Interchange According to ISO 14541 (1/2 to 3/4)

Material Steel, Poppet Valves, Nitrile Seals, Metric Heavy Male Threads

Body Size			Thread			
Inch	Din	Dash	Pipe	Size	Female	Male
1/2	12	-8	10S	M18*1.5	CVVF-0810S	CVVM-0810S
1/2	12	-8	12S	M20*1.5	CVVF-0812S	CVVM-0812S
3/4	19	-12	16S	M24*1.5	CVVF-1216S	CVVM-1216S
3/4	19	-12	20S	M30*2	CVVF-1220S	CVVM-1220S
1"	25	-16	25S	M36*2	CVVF-1625S	CVVM-1625S
1"	25	-16	30S	M42*2	CVVF-1630S	CVVM-1630S

S600 Series Screw Connect "Gromelle W6000 Interchange"

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	S600F-08G	S600M-08G
3/4	19	-12	BSP	3/4	S600F-12G	S600M-12G
1'	25	-16	BSP	1'	S600F-16G	S600M-16G
1 1/4	32	-20	BSP	1 1/4	S600F-20G	S600M-20G
1 1/2	40	-24	BSP	1 1/2	S600F-24G	S600M-24G

S100 Series Screw Connect

Material Steel, Poppet Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	BSP	1/2	SF100-08G	SM100-08G
3/4	19	-12	BSP	3/4	SF100-12G	SM100-12G
1'	25	-16	BSP	1'	SF100-16G	SM100-16G
1 1/4	32	-20	BSP	1 1/4	SF100-20G	SM100-20G

Pressure Wash Couplers

ST Series Straight Through Brass NPT Female Threads

Material Brass, None Valved, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/8	4	-2	NPT	1/8	STFF-02N	STMF-02N
1/4	6	-4	NPT	1/4	STFF-04N	STMF-04N
3/8	10	-6	NPT	3/8	STFF-06N	STMF-06N
1/2	12	-8	NPT	1/2	STFF-08N	STMF-08N

ST Series Straight Through Brass NPT Male Threads

Material Brass, None Valved, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/8	4	-2	NPT	1/8	STFM-02N	STMM-02N
1/4	6	-4	NPT	1/4	STFM-04N	STMM-04N
3/8	10	-6	NPT	3/8	STFM-06N	STMM-06N
1/2	12	-8	NPT	1/2	STFM-08N	STMM-08N

ST Series Straight Through Brass BSP Female Threads & Steel Nipples

Material Brass, None Valved, Nitrile Seals

Body Size			Thread			Brass	Steel
Inch	Din	Dash	Type	Size	Female	Male	Male
1/4	6	-4	BSP	1/4	STFF-04G	STMF-04G	STMF-04SG
3/8	10	-6	BSP	3/8	STFF-06G	STMF-06G	STMF-06SG
1/2	12	-8	BSP	1/2	STFF-08G	STMF-08G	SYMF-08SG
3/4	19	-12	BSP	3/4	STFF-12G	STMF-12G	

Pressure Wash Couplers

ST Series Straight Through Brass BSPT Male Threads

Material Brass, None Valved, Nitril Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSPT	1/4	STFM-04K	STMM-04K
3/8	10	-6	BSPT	3/8	STFM-06K	STMM-06K
1/2	12	-8	BSPT	1/2	STFM-08K	STMM-08K

Pressure Wash Couplers Stainless Steel

ST Series Straight Through SS NPT Female Threads

Material Stainless Steel, None Valved, Viton Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	NPT	1/4	STFF-04NSS	STMF-04NSS
3/8	10	-6	NPT	3/8	STFF-06NSS	STMF-06NSS

ST Series Straight Through SS BSP Female Threads

Material Stainless Steel, None Valved, Viton Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	STFF-04GSS	STMF-04GSS
3/8	10	-6	BSP	3/8	STFF-06GSS	STMF-06GSS
1/2	12	-8	BSP	1/2	STFF-08GSS	STMF-08GSS

ST Series Straight Through SS BSPT Male Threads

Material Stainless Steel, None Valved

Body Size			Thread		
Inch	Din	Dash	Type	Size	Male
1/4	6	-4	BSP	1/4	STMM-04KSS
3/8	10	-6	BSP	3/8	STMM-06KSS
1/2	12	-8	BSP	1/2	STMM-08KSS

Pressure Wash TPL

TPL Series, straight through Interchanges with Tema 3800 Kew

Material Steel, None Valved, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
3/8	10	-6	BSP	3/8	TPLF-06G	TPLM-06G

Pressure Wash 15K SS

CR Series Straight Through Water Blaster Coupler "15,000 PSI WP"

Material 316 Stainless Steel, None Valved, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/2	12	-8	NPT	3/8	CRF-0806NSS	CRM-0806NSS
1/2	12	-8	NPT	1/2	CRF-08NSS	CRM-08NSS

Special Interchange

TC Series "Parker TC Interchange" 10,000 PSI WP

Material Steel, Poppet Valves, Nitrile Seals, Locking Collar

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
3/8	10	-6	NPT	3/8	TCF-06N	TCM-06N

TF Series Ultra High Pressure "1500 Bar, 21,730 PSI WP"

Material Steel, Flat Face Valves, Nitrile Seals

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	TFF-04G	TFM-04G

1141 Series Interchanges with Parker 1141 "10,000 PSI WP"

Material 303 Stainless Steel Body, Brass Sleeve, Polyurethane Seals
Connect Under Pressure Up To 5000 PSI

Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	NPT	1/4	1141F-04N	1141M-04N

Diagnostic Couplers

PD Series Diagnostic Couplers " Cat, John Deer, Case"

Material Steel, Flat Face Valves, Nitrile Seals

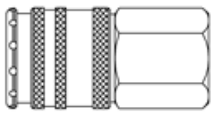
Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	NPT	1/8	PDF-02FN	PDM-02FN
1/4	6	-4	NPT	1/4	PDF-04FN	PDM-04FN
1/4	6	-4	BSP	1/4	PDF-04FG	
1/4	6	-4	NPT	1/4		PDM-04MN
1/4	6	-4	UNO	7/16		PDM-07MU
1/4	6	-4	UNO	9/16		PDM-09MU
1/4	6	-4	METRIC	M14*1.5		PDM-M14M

PD Coupler with T20 Connection

Body Size			Thread		
Inch	Din	Dash	Type	Size	Female
1/4	6	-4	T20	M16*2	PDF-T20

KD Series Diagnostic Couplers " Komatsu, Hitachi"

Material Steel, Flat face Valves, Nitrile Seals



Body Size			Thread			
Inch	Din	Dash	Type	Size	Female	Male
1/4	6	-4	BSP	1/4	KDF-04FG	KDM-04FG
1/4	6	-4	BSP	1/8		KDM-02MG
1/4	6	-4	METRIC	M14*1.5	KDF-M14-90	KDM-M14M

KD Coupler with T20 Connection

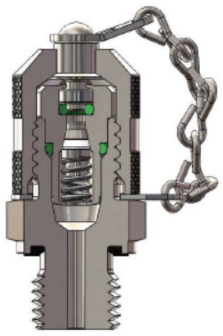
Body Size			Thread		
Inch	Din	Dash	Type	Size	Female
1/4	6	-4	T20	M16*2	KDF-T20

Diagnostic Couplers

Test 20 Series

Material Steel, Poppet Valves, Nitrile Seals

Body Size	Thread Type	Thread Size	Part #
Test 20 M16*2	BSP	1/8	T20-1/8GED
	BSP	1/4	T20-1/4GED
	BSP	3/8	T20-3/8GED
	BSPT	1/8	T20-1/8K
	BSPT	1/4	T20-1/4K
	NPT	1/8	T20-1/8N
	NPT	1/4	T20-1/4N
	UNO	7/16	T20-7/16U
	UNO	9/16	T20-9/16U
	METRIC	M10*1	T20-M10*1
	METRIC	M10*1.25	T20-M10*1.25
	METRIC	M12*1.5	T20-M12*1.5
	METRIC	M14*1.5	T20-M14*1.5
	METRIC	M16*1.5	T20-M16*1.5



Test 20 Series

Material 316 Stainless Steel, Poppet Valves, Viton Seals

Body Size	Thread	Size	Part #
Test 20*M16*2	BSP	1/4	T20-1/4GEDSS

Test Hoses 630 Bar-1/4 BSP Gauge X T20 M16*2 Female

Threads Gauge	T20	Part #	Length
1/4 BSP	M16*2	THG1/4-T2015	1.5MTS
1/4 BSP	M16*2	THG1/4-T2020	2MTS
1/4 BSP	M16*2	THG1/4-T2040	4MTS

Test Hoses 630 Bar Test 20 M16*2 X T20 M16*2 Female

Threads T20	T20	Part #	Length
M16*2	M16*2	THT20-T2015	1.5MTS
M16*2	M16*2	THT20-T2020	2MTS
M16*2	M16*2	THT20-T2040	4MTS

Gauges

63mm Pressure Gauges Bottom & Rear Entry BSPP

Pressure Gauges 63mm Glycerine Filled (EN837.1)

Connection	Pressure Bar	PSI	Bottom Entry Part #
1/4 BSP	-1 to +3	40	G63B-G1/4B03
1/4 BSP	10	150	G63B-G1/4B10
1/4 BSP	16	240	G63B-G1/4B16
1/4 BSP	25	370	G63B-G1/4B25
1/4 BSP	40	600	G63B-G1/4B40
1/4 BSP	60	900	G63B-G1/4B60
1/4 BSP	100	1500	G63B-G1/4B100
1/4 BSP	250	3700	G63B-G1/4B250
1/4 BSP	400	6000	G63B-G1/4B400
1/4 BSP	600	8700	G63B-G1/4B600
1/4 BSP	700	10000	G63B-G1/4B700

Pressure Gauges 63mm Glycerine Filled (EN837.1)

Connection	Pressure Bar	PSI	Rear Entry Part #
1/4 BSP	10	150	G63R-G1/4B10
1/4 BSP	16	240	G63R-G1/4B16
1/4 BSP	25	370	G63R-G1/4B25
1/4 BSP	40	600	G63R-G1/4B40
1/4 BSP	60	900	G63R-G1/4B60
1/4 BSP	100	1500	G63R-G1/4B100
1/4 BSP	250	3700	G63R-G1/4B250
1/4 BSP	400	6000	G63R-G1/4B400
1/4 BSP	600	8700	G63R-G1/4B600
1/4 BSP	700	10000	G63R-G1/4B700

Pressure Gauges 63mm Boot for Protection

Size	Part #
63mm	G63Boot

Rear Entry Gauges 63mm Mounting Bracket

Size	Part #
63mm	G63R-BKT

Gauges & Diagnostics

63mm Pressure Gauges Bottom Entry Tapered Thread BSPT

Pressure Gauges 63mm Glycerine Filled (EN837.1)

Connection	Pressure Bar	PSI	Bottom Entry Part #
1/4 BSPT	10	150	G63B-K1/4B10
1/4 BSPT	16	240	G63B-K1/4B16
1/4 BSPT	25	370	G63B-K1/4B25
1/4 BSPT	40	600	G63B-K1/4B40
1/4 BSPT	60	900	G63B-K1/4B60
1/4 BSPT	100	1500	G63B-K1/4B100
1/4 BSPT	250	3700	G63B-K1/4B250
1/4 BSPT	400	6000	G63B-K1/4B400

80mm Digital Pressure Gauge "1/4 BSP Bottom Entry"

Connection	Bar	PSI	Bottom Entry Part #
1/4 BSPP	250	3625	DG80-G1/4B250
1/4 BSPP	400	5800	DG80-G1/4B400
1/4 BSPP	600	8700	DG80-G1/4B600

Pressure Gauge Adaptors

Gauge	Threads Adaptor	Part #	
1/4 BSP	M16*2	GA1/4G-T20F	**1**
1/4 BSP	1/4 BSP	SGA-04G	**2**
1/4 BSP	M16*2	GA1/4G-T20M	**3**
1/4 BSP	1/4 BSPT	SGA-04K	**4**

1

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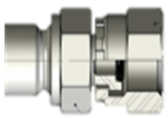

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Joiner M16*2 Male X M16*2 Male

T20	Threads T20	Part #
M16*2	M16*2	M16XM16

Hydraulic Test Kits

TK11-3-3

TK6-3-3

TKD11-2-2

Description	TK11-3-3	TK6-3-3	TKD11-2-2
63mm Gauges 250 Bar	1	1	
63mm Gauges 400 Bar	1	1	
63mm Gauges 600 Bar	1	1	
Digital Gauge 100 Bar			1
Digital Gauge 600 Bar			1
Test Hose Assemblies 1.5Mts	3	3	2
Test Coupling 1/8 BSPP	1		1
Test Coupling 1/4 BSPP	1	1	1
Test Coupling 1/4 BSPT		1	
Test Coupling 3/8 BSPP	1		1
Test Coupling M10*1	1	1	1
Test Coupling M10*1.25	1		1
Test Coupling M14*1.5	1	1	1
Test Coupling 7/16 UNO	1	1	1
Test Coupling 9/16 UNO	1		1
Test Coupling 1/4 NPT	1	1	1
PD Style - Bobcat, Cat, John Deere, Case	1		1
KD Style - Komatsu, Hitachi	1		1

Accumulator Charging, Filling and Pressure Test Kit

ACX7-3-1

Description ACX7-3-1

Valve & Hose Assembly	1
63mm Gauges, 100Bar, 250 Bar & 400 Bar	3
Adaptor UNF 7/8	1
Adaptor UNF 5/8	1
Adaptor UNF 5/16	1
Adaptor UNF 1/2	1
Adaptor G1/4	1
Adaptor M14*1.5	1
Adaptor M28*1.5 Attached to main valve	1

Pneumatic Couplers

200 Series Air Couplers Nitto Hi Cupla, Rectus 13KA, CEJN 315 Interchange

Material Steel, Valve Female Only, Seals Nitrile

Body Size Inch	Thread Type	Size	Valve	Female
1/4	BSPTM	1/4	YES	200-04SM
1/4	BSPTM	3/8	YES	200-06SM
1/4	BSPTM	1/2	YES	200-08SM
1/4	BSPF	1/4	YES	200-04SF
1/4	BSPF	3/8	YES	200-06SF
1/4	BSPF	1/2	YES	200-08SF
1/4	TAIL	7mm	YES	200-07SH
1/4	TAIL	9mm	YES	200-09SH
1/4	TAIL	11mm	YES	200-11SH

Body Size Inch	Thread Type	Size	Valve	Male
1/4	BSPTM	1/4	NO	201-04PM
1/4	BSPTM	3/8	NO	201-06PM
1/4	BSPTM	1/2	NO	201-08PM
1/4	BSPF	1/4	NO	201-04PF
1/4	BSPF	3/8	NO	201-06PF
1/4	BSPF	1/2	NO	201-08PF
1/4	TAIL	7mm	NO	201-07PH
1/4	TAIL	9mm	NO	201-09PH
1/4	TAIL	11mm	NO	201-11PH

200 Series Air Couplers Nitto Hi Cupla Interchange SS

Material Stainless Steel, Valve Female Only, Seals Viton

Body Size Inch	Thread Type	Size	Valve	Female
1/4	BSPP	1/4	YES	200-04SFS
1/4	BSPP	1/4	NO	201-04PFS

200 Series Air Coupler , Nitto Hi Cupla, Rectus 13KA, CEJN 315 Interchange

Material Brass, Brass Valve, Nitrile Seals

Body Size Inch	Thread Type	Size	Valve	Female
1/4	BSPP	3/8	YES	200-06SFB

Pneumatic Couplers

21KA Series Mini Air Coupler Rectus 21KA Interchange

Material Brass Nickel Plated, Valve Female Only, Seals Nitrile

Body Size	Thread			
Inch	Type	Size	Valve	Female
1/8	BSPF	1/8	YES	21KA-02SF
1/4	BSPF	1/4	YES	21KA-04SF
1/8	BSPTM	1/8	YES	21KA-02SM
1/4	BSPTM	1/4	YES	21KA-04SM
Inch	**Type**	**Size**	**Valve**	**Male**
1/8	BSPF	1/8	NO	21KA-02PF
1/4	BSPF	1/4	NO	21KA-04PF
1/8	BSPTM	1/8	NO	21KA-02PM
1/4	BSPTM	1/4	NO	21KA-04PM

300 Series Air Couplers Aro 210, Parker 50 & Rectus 22KA Interchange

Material Steel, Valve Female Only, Seals Nitrile

Body Size	Thread			
Inch	Type	Size	Valve	Female
1/4	BSPTM	1/4	YES	300SM-04G
1/4	BSPTM	3/8	YES	300SM-06G
1/4	BSPF	1/4	YES	300SF-04G
1/4	BSPF	3/8	YES	300SF-06G
1/4	TAIL	7mm	YES	300SH-07
1/4	TAIL	9mm	YES	300SH-09
1/4	TAIL	11mm	YES	300SH-11

Pneumatic Couplers

300 Series Air Couplers Aro 210, Parker 50 & Rectus 22KA Interchange

Body Size	Thread			
Inch	Type	Size	Valve	Male
1/4	BSPTM	1/4	NO	300PM-04G
1/4	BSPTM	3/8	NO	300PM-06G
1/4	BSPF	1/4	NO	300PF-04G
1/4	BSPF	3/8	NO	300PF-06G
1/4	TAIL	7mm	NO	300PH-07
1/4	TAIL	9mm	NO	300PH-09
1/4	TAIL	11mm	NO	300PH-11

Hydraulic Swivels

SJ Series Swivels Straight & 90 Deg

Material Steel, Seals Nitrile

Body	Thread		Part #	Part #
Size	Type	Size	Straight	90 Deg
1/4	BSPP	1/4	SJ10-04	SJ90-04
3/8	BSPP	3/8	SJ10-06	SJ90-06
1/2	BSPP	1/2	SJ10-08	SJ90-08
3/4	BSPP	3/4	SJ10-12	SJ90-12
1"	BSPP	1"	SJ10-16	SJ90-16

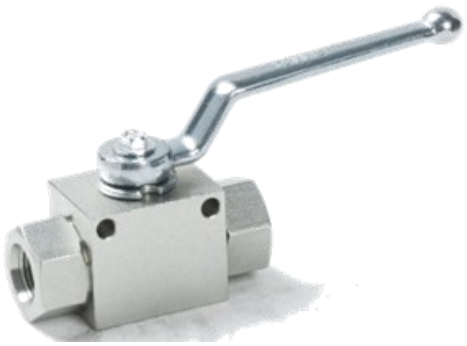
Ball Valves

2 Way Ball Valves BSPP Threads & Mounting Holes

Material: Steel Trivalent Plated, Seal Nitrile, Handle Standard Cranked

Body Square with Mounting Holes

Body Size	Thread Type	Size	Part #
1/4	BSPP	1/4	KHB-G1/4
3/8	BSPP	3/8	KHB-G3/8
1/2	BSPP	1/2	KHB-G1/2
1/2	NPT	1/2	KHB-N1/2
3/4	BSPP	3/4	KHB-G3/4
1"	BSPP	1"	KHB-G1
1 1/4	BSPP	1 1/4	KHB-G1-1/4
1 1/2	BSPP	1 1/2	KHB-G1-1/2
2"	BSPP	2"	KHM-G2



2 Way Ball Valves Metric Heavy Threads & Mounting Holes

Material: Steel Trivalent Plated, Seal Nitrile, Handle Standard Cranked

Body Square with Mounting Holes

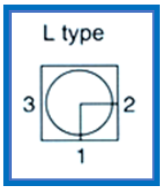
Body Size	Thread Type	Size	Part #
1/4	DKS	M16*1.5	KHB-08SR
1/4	DKS	M18*1.5	KHB-10SR
3/8	DKS	M20*1.5	KHB-12SR
3/8	DKS	M22*1.5	KHB-14SR
1/2	DKS	M24*1.5	KHB-16SR
1/2	DKS	M30.2	KHB-20SR
3/4	DKS	M36*2	KHB-25SR

2 Way Ball Valve Metric Light Threads & Mounting Holes

Body Size	Thread Type	Size	Part #
3/8	DKL	M22*1.5	KHB-15LR

3 Way Ball Valves "L" Type BSPP Threads & Mounting Holes

Material Steel Trivalent Plated, Seals Nitrile, Handle Standard Cranked.
Body Square with Mounting Holes



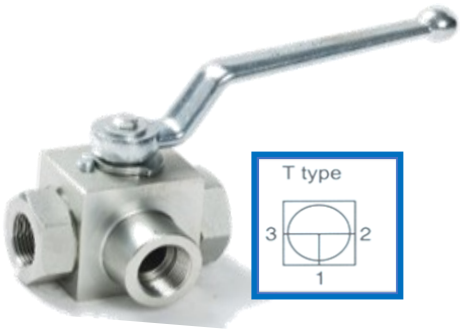
Body Size	Thread Type	Size	Part #
1/4	BSP	1/4	KHB3K-G1/4L
3/8	BSP	3/8	KHB3K-G3/8L
1/2	BSP	1/2	KHB3K-G1/2L
3/4	BSP	3/4	KHB3K-G3/4L
1"	BSP	1"	KHB3K-G1L

Ball Valves

3 Way Ball Valves "T" Type BSPP Threads & Mounting Holes

Material Steel Trivalent Plated, Seals Nitrile, Handle Standard Cranked
Body Square with Mounting Holes

Body Size	Thread Type	Size	Part #
1/4	BSP	1/4	KHB3K-G1/4T
3/8	BSP	3/8	KHB3K-G3/8T
1/2	BSP	1/2	KHB3K-G1/2T
3/4	BSP	3/4	KHB3K-G3/4T
1"	BSP	1"	KHB3K-G1T



Ball Valves Stainless Steel 316

2 Way Ball Valves BSPP Threads & Mounting Holes

Material: 316 Stainless Steel, Seals FPM.

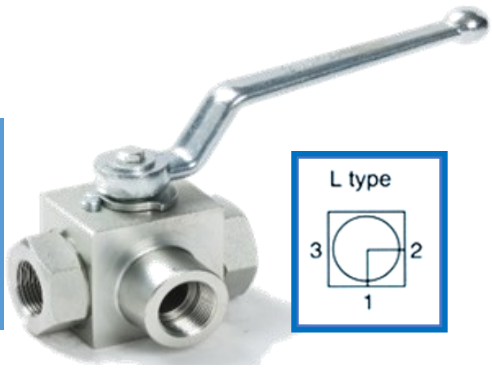
Body Square with Mounting Holes

Body Size	Thread Type	Size	Part #
1/4	BSPP	1/4	KHB-G1/4SS
3/8	BSPP	3/8	KHB-G3/8SS
1/2	BSPP	1/2	KHB-G1/2SS
3/4	BSPP	3/4	KHB-G3/4SS
1"	BSPP	1"	KHB-G1SS

3 Way Ball Valves "L" Type BSPP Threads & Mounting Holes

Material 316 Stainless Steel, Seals FPM.
Body Square with Mounting Holes

Body Size	Thread Type	Size	Part #
1/4	BSP	1/4	KHB3K-G1/4LSS
3/8	BSP	3/8	KHB3K-G3/8LSS
1/2	BSP	1/2	KHB3K-G1/2LSS
3/4	BSP	3/4	KHB3K-G3/4LSS
1"	BSP	1"	KHB3K-G1LSS



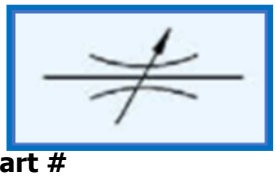
Flow Control Valves

LG Type Flow Control Valve "No Check" Double Acting

Material: Steel Trivalent Plated

Seal: Nitrile

Body: Square



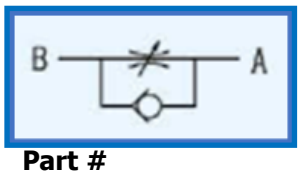
Body Size	Thread Type	Size	Part #
1/4	BSP	1/4	LG8-G1/4
3/8	BSP	3/8	LG10-G3/8
1/2	BSP	1/2	LG12-G1/2
3/4	BSP	3/4	LG16-G3/4
1"	BSP	1"	LG20-G1

LGA Type Flow Control Valve "With Check" Single Acting

Material: Steel Trivalent Plated

Seal: Nitrile

Body: Square



Body Size	Thread Type	Size	Part #
1/4	BSP	1/4	LGA8-G1/4
3/8	BSP	3/8	LGA10-G3/8
1/2	BSP	1/2	LGA12-G1/2
3/4	BSP	3/4	LGA16-G3/4
1"	BSP	1"	LGA20-G1

Check Valves

CV Check Valves BSP Threads

Material Steel Trivalent Plated, Valve Ball, Body Hex

Crack Pressure 0.5 Bar

Body Size	Thread Type	Size	Part #
1/4	BSP	1/4	CV-04G
3/8	BSP	3/8	CV-06G
1/2	BSP	1/2	CV-08G
3/4	BSP	3/4	CV-12G
1"	BSP	1"	CV-16G

Valve Accessories

Straight Handles "Steel"

Suits Valve	Material	Part #
1/4 to 1/2	Steel	05SW09
3/4 to 1"	Steel	05SW14
1 1/4 to 2"	Steel	05SW17

Cranked Handles "Steel"

Suits Valve	Material	Part #
1/4 to 1/2	Steel	06SW09-09cm
1/4 to 1/2	Steel	06SW09-11cm
1/4 to 1/2	Steel	06SW09-13cm
3/4 to 1"	Steel	06SW14
1 1/4 to 2"	Steel	06SW17
2" KHM Valve	Steel	06SW17

Handle Locking Device "Padlock"

Suits Valve	Material	Part #
1/4 to 1/2	Steel	DS9
3/4 to 1 1/2	Steel	DS14
2"	Steel	DS17

Valve Stop Plates

Valve Size	Material	Part #
1/4 to 1/2	Steel	SW09SP

Coupling Protection

S1 Series Dust Caps & Plugs ISO 7241-A Polyurethane

Size		Colour: Black	Red	Blue	Green	Yellow	Orange
1/4	Cap	S1DC-04	S1DC-04R	S1DC-04B			
1/4	Plug	S1DP-04	S1DP-04R	S1DP-04B			
3/8	Cap	S1DC-06	S1DC-06R	S1DC-06B	S1DC-06G	S1DC-06Y	
3/8	Plug	S1DP-06	S1DP-06R	S1DP-06B	S1DP-06G	S1DP-06Y	
1/2	Cap	S1DC-08	S1DC-08R	S1DC-08B	S1DC-08G	S1DC-08Y	S1DC-08O
1/2	Plug	S1DP-08	S1DP-08R	S1DP-08B	S1DP-08G	S1DP-08Y	S1DP-080
3/4	Cap	S1DC-12	S1DC-12R	S1DC-12B	S1DC-12G	S1DC-12Y	
3/4	Plug	S1DP-12	S1DP-12R	S1DP-12B	S1DP-12G	S1DP-12Y	
1"	Cap	S1DC-16	S1DC-16R	S1DC-16B			
1"	Plug	S1DP-16	S1DP-16R	S1DP-16B			

FTC Flip Dust Caps Suits 3CFPV & S5 Series Couplers

Size	Colour: Black	Blue	Red	Green	Yellow	Orange
1/2	FTC-08BLK	FTC-08B	FTC-08R	FTC-08G	FTC-08Y	FTC-08O

PK & S4 Series Dust Caps & Plugs ISO 5675 Polyurethane

Size		Colour: Black	Red	Blue	Green	Yellow	Orange
1/4	Cap	S4DC-04	S4DC-04R	S4DC-04B			
1/4	Plug	S4DP-04	S4DP-04R	S4DP-04B			
3/8	Cap	S4DC-06	S4DC-06R	S4DC-06B			
3/8	Plug	S4DP-06	S4DP-06R	S4DP-06B			
1/2	Cap	S1DC-08	S1DC-08R	S1DC-08B	S1DC-08G	SIDC-08Y	S1DC-08O
1/2	Plug	S1DP-08	S1DP-08R	S1DP-08B	S1DP-08G	SIDP-08Y	S1DP-08O
3/4	Cap	S4DC-12	S4DC-12R	S4DC-12B	S4DC-12G	S4DC-12Y	
3/4	Plug	S4DP-12	S4DP-12R	S4DP-12B	S4DP-12G	S4DP-12Y	
1"	Cap		S4DC-16R				
1"	Plug		S4DP-16R				

Coupling Protection

S2 Series Caps & Plugs ISO 7241-B Polyurethane

Size		Colour Red
1/4	Cap	S2DC-04
1/4	Plug	S2DP-04
3/8	Cap	S2DC-06
3/8	Plug	S2DP-06
1/2	Cap	S2DC-08
1/2	Plug	S2DP-08
3/4	Cap	S2DC-12
3/4	Plug	S2DP-12
1"	Cap	S2DC-16
1"	Plug	S2DP-16

FF & FFH Series Caps & Plugs Polyurethane

Size		Colour Red
1/4	Female	FFDC-04F
1/4	Male	FFDC-04M
3/8	Female	FFDC-06F
3/8	Male	FFDC-06M
1/2	Female	FFDC-08F
1/2	Male	FFDC-08M
5/8	Female	FFDC-10F
5/8	Male	FFDC-10M
3/4	Female	FFDC-12F
3/4	Male	FFDC-12M
1"	Female	FFDC-16F
1"	Male	FFDC-16M

S300 Series Caps & Plugs Polyurethane

Size		Colour Red
1/4	Cap	S300DC-04
1/4	Plug	S300DP-04
3/8	Cap	S300DC-06
3/8	Plug	S300DP-06

S300 Series Caps & Plugs Steel

Size		
1/4	Cap	S300DC-04S
1/4	Plug	S300DP-04S
3/8	Cap	S300DC-06S
3/8	Plug	S300DP-06S

Coupling Protection

VV Series Caps & Plugs Aluminium

Size	Cap	Plug
1/4	VVDC-04A	VVDP-04A
3/8	VVDC-06A	VVDP-06A
1/2	VVDC-08A	VVDP-08A
3/4	VVDC-12A	VVDP-12A
1"	VVDC-16A	VVDP-16A

VVS Series Caps & Plugs Aluminium

Size	Cap	Plug
1/4	VVSDC-04A	VVSDP-04A
3/8	VVSDC-06A	VVSDP-06A
1/2	VVSDC-08A	VVSDP-08A
3/4	VVSDC-12A	VVSDP-12A
1"	VVSDC-16A	VVSDP-16A
1 1/4	VVSDC-20A	VVSDP-20A
1 1/2	VVSDC-24A	VVSDP-24A

CVV Series Caps & Plugs Aluminium

Size	Cap	Plug
1/2	CVVDC-08A	CVVDP-08A
3/4	CVVDC-12A	CVVDP-12A
1"	CVVDC-16A	CVVDP-16A
1 1/4	CVVDC-20A	CVVDP-20A

CVV Series Caps & Plugs Polyurethane

Size	Cap	Plug
3/8	CVVDC-06P	CVVDP-06P
1/2	CVVDC-08P	CVVDP-08P
3/4	CVVDC-12P	CVVDP-12P
1"	CVVDC-16P	CVVDP-16P

S75 Series Caps & Plugs Aluminium

Size	Cap	Plug
1″	S75DC-16	S75DP-16
1 1/4	S75DC-20	S75DP-20
1 1/2	S75DC-24	S75DP-24

Coupling Protection

PBR Series Dust Cap & Plug Polyurethane

Size	Description	Part #
1"	Cap	PBRDC-16
1"	Plug	PBRDP-16

TM Series Dust Caps & Plugs Polyurethane

Size	Description	Part #
1/2	Cap	TMDC-08
1/2	Plug	TMDP-08
3/4	Cap	TMDC-12
3/4	Plug	TMDP-12
1"	Cap	TMDC-16
1"	Plug	TMDP-16

S600 Series Dust Caps & Plugs Aluminium

Size	Description	Part #
1/2	Cap	S600DC-08P
1/2	Plug	S600DP-08P
3/4	Cap	S600DC-12P
3/4	Plug	S600DP-12P
1"	Cap	S600DC-16P
1"	Plug	S600DP-16P

S10 Series Dust Caps & Plugs

Size	Description	Part #
1/2	Cap	S10DC-08
1/2	Plug	S10DP-08

TC Series Dust Caps & Plugs

Size	Description	Part #
3/8	Cap	TCDC-06A
3/8	Plug	TCDP-06A

Coupling Protection

VEP Series Dust Caps & Plugs

Material: Anodised Aluminium

Size	Description	Part #
1/2	Cap	VEPDC-08
1/2	Plug	VEPDP-08
3/4	Cap	VEPDC-12
3/4	Plug	VEPDP-12
1"	Cap	VEPDC-16
1"	Plug	VEPDP-16
1 1/4	Cap	VEPDC-20
1 1/4	Plug	VEPDP-20
1 1/2	Cap	VEPDC-24
1 1/2	Plug	VEPDP-24

Colour Coded Sleeves

Colour Coded Sleeves - Suits Female Couplers

Part #	Colour	Size	Part #	Size
SLV-08R	Red	1/2	SLV-12R	3/4
SLV-08B	Blue	1/2	SLV-12B	3/4
SLV-08G	Green	1/2	SLV-12G	3/4
SLV-08Y	Yellow	1/2	SLV-12Y	3/4
SLV-08BLK	Black	1/2		
SLV-08O	Orange	1/2		
SLV-08GRY	Grey	1/2		

Colour Coded Sleeves for HG-08 Hose Grip

Part #	Colour	Size
HGS-08R	Red	1/2
HGS-08B	Blue	1/2
HGS-08G	Green	1/2
HGS-08Y	Yellow	1/2
HGS-08O	Orange	1/2
HGS-08BLK	Black	1/2
HGS-08GRY	Grey	1/2

Hose Grip

Advantages:

- The knurling on the handle gives an anti-slip surface when using gloves or greasy hands.
- Option to colour code for easy identification of hydraulic lines.
- You can see at a glance were your hose fits.
- Less waisted time.
- Prevents hoses being connected incorrectly.
- Light weight aluminium "200g"
- Makes life easier for the operator with quick change over of implements.
- Other male thread options available.

To order with sleeve fitted order part# HG-08*(* colour)

Coloured Sleeves Hose Grip

- 7 Colour options, Blue, Yellow, Red, Orange, Green, Black & Orange
- They fit on the raised shoulder and lock into the groove to secure
- Easy to fit, warm the sleeve in hot water and push onto the shoulder until it clicks into the groove

Sleeves to suit female couplers

- 7 colour options, Red, Blue, Green, Yellow, Orange, Grey & Black
- Gives full colour identification .
- Easy to fit.
- Warm in hot water and push onto sleeve until it hits the lip.

HPR - Hydraulic Pressure Relief Tool

A very common problem when a machine or implement is left unused the hydraulic pressure in the hoses can build up to a point were the quick couplings can't be connected. The wrong way to release the pressure is to hit the poppet in the couplers with a hammer or similar tool. This can damage the coupler to the extent where it has to be replaced. Another dangerous way is to loosen the connection, this can be very dangerous to the person (Oil Injection) and also damages the environment.

The HPR tool can relieve the pressure in seconds and controls the oil release with a few turns of the handle.

Simple to use:

- Always use eye protection
- Attach the female or male coupler to the pressurised side.
- Place a rag over the coupler to catch any oil released.
- Screw the black knob until it connects to the poppet or ball and release the pressure

HPRMF –08
Male & Female Set

PRM-08
Male Tool

PRF-08
Female Tool

WARNING

These tools are not to be used to relieve full pressure in a hydraulic system. Use the procedure recommended by the machine manufacturer to de-pressurise the system.

Seal Kits

ISO A & 5675

Body	Coupler	Half	Part #
1/4	S1F-04	F	S1F-04SK
3/8	S1F-06	F	S1F-06SK
3/8	PKF-06	F	PKF-06SK
1/2	S1F-08	F	S1F-08SK
3/4	S1F-12	F	S1F-12SK
1″	S1F-16	F	S1F-16SK
3/4	PKF-12	F	PKF-12SK
3/4	NVF-12	F	NVF-12SK

CVV

1/2	CVVF-08	F	CVVF-08SK
3/4	CVVF-12	F	CVVF-12SK
1″	CVVF-16	F	CVVF-16SK

VV

1/2	VVF-08	F	VVF-08SK
3/4	VVF-12	F	VVF-12SK
1″	VVF-16	F	VVF-16SK

VVS

1/2	VVSF-08	F	VVF-08SK
3/4	VVSF-12	F	VVF-12SK
1″	VVSF-16	F	VVF-16SK

PBR

1″	PBRF-16	F	PBRF-16SK

CR

1/2	CRF-08	F	CRF-08SK

S10

1/2	S10F-08	F	S10F-08SK
1/2	S10M-08	M	S10M-08SK

TM

3/4	TMF-12	F	TMF-12SK
1″	TMF-16	F	TMF-16SK

S75

1″	S75F-16	F	S75-16SK
1 1/4	S75F-20	F	S75-20SK
1 1/2	S75F-24	F	S75-24SK

VEP

1/2	VEPF-08	F	VEP-08SK
3/4	VEPF-12	F	VEP-12SK
1″	VEPF-16	F	VEP-16SK
1 1/4	VEPF-20	F	VEP-20SK
1 1/2	VEPF-24	F	VEP-24SK

S312

1/2	S312F-14U	F	S312F-SK

3CFHF & 3CFPV

1/2	3CFHF	F	S1F-08SK

CVV-16 Re-Build Kit

1″	CVV-16	M & F	CVV-16RK

This kit includes all seals, new poppet valves and spring clips to re-build the 1″ CVV male & female

Flat Face Male Seal Kit

Size	Male	Type 1	Type 2
1/4	FFM-04	FFM-04SKF	FFM-04SKL
3/8	FFM-06	FFM-06SKF	FFM-06SKL
1/2	FFM-08	FFM-08SKF	FFM-08SKL
5/8	FFM-10	FFM-10SKF	FFM-10SKL
3/4	FFM-12	FFM-12SKF	FFM-12SKL
1″	FFM-16	FFM-16SKF	FFM-16SKL

S600

1/2	S600F-08	F	S600F-08SK
3/4	S600F-12	F	S600F-12SK
1″	S600F-16	F	S600F-16SK

Bonded Seals (Dowty Seals)

Imperial Sizes

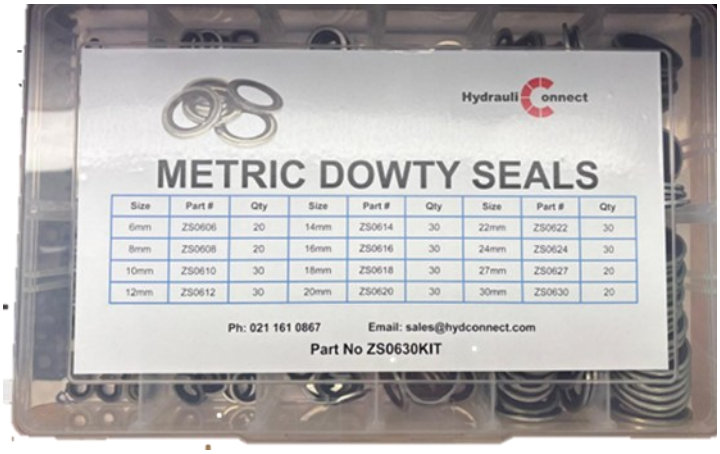
Part # ZS0116Kit

Part #	Size	Kit Qty
ZS0102	1/8	**10**
ZS0104	1/4	**30**
ZS0106	3/8	**30**
ZS0108	1/2	**30**
ZS0112	3/4	**15**
ZS0116	1"	**10**
ZS0120	1 1/4	
ZS0124	1 1/2	
ZS0132	2"	
Total Seals in Kit		**125**

Metric Sizes

Part # ZS0630KIT

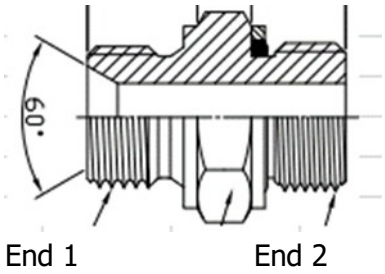
Part #	Size	Kit Qty
ZS0606	6mm	**20**
ZS0608	8mm	**20**
ZS0610	10mm	**30**
ZS0612	12mm	**30**
ZS0614	14mm	**30**
ZS0616	16mm	**30**
ZS0618	18mm	**30**
ZS0620	20mm	**30**
ZS0622	22mm	**30**
ZS0624	24mm	**30**
ZS0627	27mm	**20**
ZS0630	30mm	**20**
Total Seals in Kit		**320**



Conversion Adaptors

Metric Male Stud X BSP Male

Metric end comes complete with O-ring seal & retainer



	Thread		Size	
Part #	End 1	End 2	End 1	End 2
A10610614	BSPP	METRIC	3/8	M14*1.5
A10610822	BSPP	METRIC	1/2	M22*1.5
A10610827	BSPP	METRIC	1/2	M27*2
A10611222	BSPP	METRIC	3/4	M22*1.5
A10611227	BSPP	METRIC	3/4	M27*2

Metric Tube to BSP Male Stud ED Seal

Part #	Thread		Size		
Light	End 1	End 2	Tube	End 1	End 2
A10650816	Metric	BSPP	10mm	M16*1.5	1/2
A10650818	Metric	BSPP	12mm	M18*1.5	1/2
A10650822	Metric	BSPP	15mm	M22*1.5	1/2
A10651226	Metric	BSPP	18mm	M26*1.5	3/4
Heavy					
A10680818	Metric	BSPP	10mm	M18*1.5	1/2
A10680820	Metric	BSPP	12mm	M20*1.5	1/2
A10680822	Metric	BSPP	14mm	M22*1.5	1/2
A10680824	Metric	BSPP	16mm	M24*1.5	1/2

Bulkhead Fittings, BSP, Metric & ORFS

	Thread		Size	
Part #	End 1	End 2	End 1	End 2
A10250606	BSP	BSP	3/8	3/8
A10250806	BSP	BSP	1/2	3/8
A10250808	BSP	BSP	1/2	1/2
A10650818BH	BSP	Metric	1/2	M18*1.5
A10650822BH	BSP	Metric	1/2	M22*1.5
A10880813BH	BSP	ORFS	1/2	13/16
A10880816BH	BSP	ORFS	1/2	1"
A10510812	BSP	JICM	1/2	3/4
A10510814	BSP	JICM	1/2	7/8

Pressure & Flow Information

Pressure Ratings S2 Series Couplers BAR

Low cycle non-pulsing					Normal use				
Size	Steel	304 SS	316 SS	Brass	Size	Steel	304 SS	316 SS	Brass
1/8	350	350	350	210	1/8	350	150	140	70
1/4	350	350	350	250	1/4	350	140	140	70
3/8	280	350	350	180	3/8	275	105	105	70
1/2	280	350	350	180	1/2	275	105	105	70
3/4	175	210	210	150	3/4	170	105	105	70
1"	140	210	210	105	1"	140	70	70	70

Quick Coupler Pressure Ratings

	Series (BAR)												
Size	S1	PK/S4	S5	FF	VV	VVS	CVV	S300	ST	S600	VEP	S75	S10
1/8									175				
1/4	350	350		350	350	800	370	700	350	750			
3/8	350	350		350	300	750	400	700	190	750			
1/2	300	300	300	350	300	700	400		150	750	550		400
5/8				350							550		
3/4	300	300		350	250	700	300		120	650	550		350
1"	250	250		350	250	630	300			450	500	350	350
1 1/4	250					600	300			450	450	350	250
1 1/2	200					400	300			300	450	350	
2"	160					350				300			

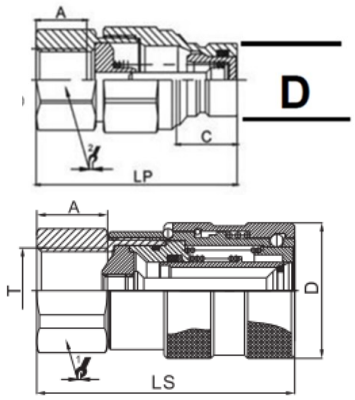
Note: ST series are BRASS & Stainless Steel

Quick Coupling Flow Rates

	Series (LPM)												
Size	S1	PK/S4	S2	S5	FF	VV	VVS	CVV	S300	ST	S600	VEP	S75
1/8			4		3					11			
1/4	11	11	11		12	18	8	13	15	23	11	24	
3/8	23	23	23		23	30	18	25	20	45	22	46	
1/2	45	45	45	45	45	65	40	65		106	45	90	
5/8					74							148	
3/4	106	105	105		105	100	55	100		189	105	200	120
1"	189	189	189		189	140	100	205			118	378	230
1 1/4	288				250		140	450			140	378	320
1 1/2	379				379		300	450			200	420	330
2"	760						1000				355	750	570

Size, Type & Dimension Check

Flat Face Size & Dimension Check ISO 16028



Size	C (mm)	Male D (mm)	Female D (mm)
1/4	15.20	**16.10**	28
3/8	19.50	**19.70**	32
1/2	21.60	**24.50**	38
5/8	21.60	**27.00**	42
3/4	29.00	**30.00**	48
1	34.00	**36.00**	56

ISO A & 5675 Dimension Check

	Hydraulic Connect			Faster	
Size	**S1**	**S4**	**PK**	**NS**	**NV**
1/4	11.80	14.20	14.20	14.20	14.20
3/8	17.30	19.00	19.00	19.00	19.00
1/2	20.50	20.50	20.50	20.50	20.50
3/4	**29.00**	**26.90**	**26.90**	**28.00**	**28.00**
1"	34.30	31.30	31.30	31.30	31.30

Check dimension "d" in mm

This is the one to double check

Screw Coupler Male/Thread Dimensions

Series	1/4	3/8	1/2	5/8	3/4	1'	1 1/4	1 1/2	2'
VV / VVS	14.20	19.00	20.50		28.00	31.30	43.90	53.40	81.90
CVV	M24*2	M28*2	M36*2		M42*2	M48*3	M70*3	M70*3	
S600			22.00		29.00	36.00	49.80	55.00	69.40
S100	16.00	19.00	24.00		26.00	35.00	44.00	52.00	83.00
VEP	M30*2	M33*2	M40*3	M45*3	M50*3	M58*3	M80*4		M130*6

Screw Connect Coupler I.D

MALE		FEMALE
	CVV	
	VVS	
	VV	
	S600	
	VEP	
	S75	
	S100	

Sparex Interchange

Sparex Part #	Interchange
S.10830	S10DC-08
S.112681	FFF-04G
S.112682	FFM-04G
S.112683	FFF-0608G
S.112684	FFM-0608G
S.112685	FFM-0618BH
S.112686	FFF-0622GM
S.112687	FFF-06G
S.112688	FFM-06G
S.112689	FFF-0618BH
S.112690	FFF-0622BH
S.112691	FFF-08G
S.112692	FFM-08G
S.112693	FFF-0812G
S.112694	FFM-0812G
S.112695	FFF-12G
S.112696	FFM-12G
S.112743	PKF-06G
S.112744	PKM-06G
S.112749	FTC-08BLU
S.112750	FTC-08Y
S.112753	FTC-08R
S.11306	S1F-06SK
S.12065	S10F-08G
S.129788	FFM-0817U
S.129789	FFF-0817U
S.13235	VVF-08G
S.13236	VVM-08G
S.14088	S10M-08M18
S.165783	FFM-16G
S.166036	3CFHF-22M
S.166038	3CFHF-08FN
S.166045	3CFHF-06BH
S.166050	4SRHF-22M
S.166051	4SRHF-22M
S.166052	4SRHF-15LBH
S.18102	S1F-16SK
S.18103	S1F-12SK
S.20240	FFF-08G
S.20241	FFM-08G
S.21242	S5F-14U
S.21243	S1M-08G
S.24827	FFM-0608G
S.24829	FFF-0608G

Sparex Part #	Interchange
S.24830	FFM-08G
S.24831	FFF-08G
S.24832	FFM-0812G
S.24833	FFF-0812G
S.2695	PKM-04G
S.2696	PKF-04G
S.28312	S10F-08M18
S.2957	S1M-06G
S.2958	S1F-06G
S.2961	S1F-08G
S.30210	S5M-12LM
S.30211	S5M-15LM
S.30212	S5F-12LM
S.30213	S5F-15LM
S.30214	S5F-12LBH
S.30215	S5F-15LBH
S.3049	3CFPV-22M
S.32041	3CFPV-22M
S.32045	3CFPV-15LBH
S.4349	S5F-08G
S.4371	S1M-08G
S.4837	S5M-08FM22
S.4838	S5F-08FM22
S.50007	S4M-08G
S.50008	S4F-08G
S.51914	FTC-08R
S.51915	FTC-08BLU
S.51916	FTC-08G
S.5643	S1F-08G
S.5747	S1F-08SK
S.7635	FFM-0812G
S.7636	FFF-0812G
S.7998	S10M-08G
S.8022	FFM-06G
S.8023	FFF-06G
S.8032	FFM-0608G
S.8033	FFF-0608G
S.8033	FFF-0608G
S.8078	S5F-08GM
S.8628	S1M-12G
S.8629	S1F-12G
S.8630	S1M-16G
S.8631	S1F-16G
S.8904	S1M-12U
S.8905	S5F-12U

Vapormatic & Bareco Interchange

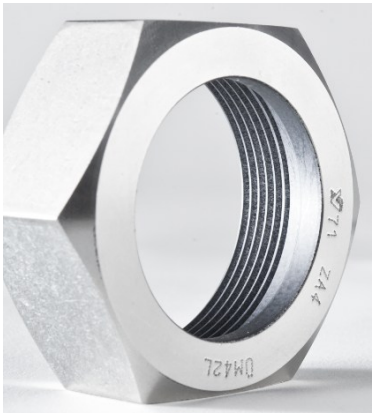
Vapormatic Part #	Interchange
VFL1012	S1F-08G
VFL1013	S1M-08G
VFL1022	S1F-06G
VFL1023	S1M-06G
VFL1042	S1F-12G
VFL1043	S1M-12G
VFL1052	S1F-16G
VFL1053	S1M-16G
VFL1062	S1F-04G
VFL1063	S1M-04G
VFL1070	FFM-0817U
VFL-1071	VVF-08G
VFL-1072	VVM-08G
VFL1122	S5F-08G
VFL1132	S5F-12U
VFL1133	S1M-12U
VFL1162	S5F-14U
VFL1222	S10F-08G
VFL1412	S5F-12LF
VFL1901	S1M-08GM
VFL1933	S5M-08MF22
VFL2200	FFF-08G
VFL2201	FFM-08G
VFL2202	FFF-1216G
VFL2203	FFF-1012G
VFL2204	FFM-1216G
VFL2205	FFM1012G
VFL2206	FFF-0812G
VFL2207	FFM-0812G
VFL2212	FFF-06G
VFL2213	FFM-06G
VFL2222	FFF-0608G
VFL2223	FFM-0608G
VFL3002	3CFPV-22M
VFL3010	S5F-12U
VFL3020	S10M-12S
VFL3021	S10M-10L
VFL3022	S10F-12L
VFL3030	3CFPV-22M
VFL6001	S1F-06SK
VFL6003	S1F-08SK
VP0510007	5DCPV-08

Bareco Part #	Interchange
BP4050-4	S4M-08G
BP8010-29	S4M-08G
BP8010-29P	S1M-08G
BP4050-2	S4F-04G
BP4050-3	S4F-06G
BP4150-5	S4F-12G
BP4050-6P	S4F-16G
BP4050-15	S4F-12U
BP4050-16	S4F-14U
BP4010-2	PKM-04G
BP4010-3	PKM-06G
BP4110-5	S4M-12G
BP4010-6P	PKM-16G
BP8010-15	S4M-12U
BP8010-16	S4M-14U
BP4050-4	S4F-08G
BP4050-29	S1F-08G
BP4250-4	S5F-08N
BP8250-4C	S1YF-08G

Hydraulic Connect

VOLZ
Volz Gruppe
Made in Germany

As part of the Volz Group we service a wide range of industry across New Zealand. Renowned for quality, high performance products, we stock a wide range of 316T stainless steel tube fittings, hose fittings, adaptors and Din 2353 carbon steel tube fittings.



We have full traceability of all the Volz stainless steel products

Extensive range of stainless steel hose fittings, ferrules and adaptors. Hose fittings are compatible with most makes of hose.

Certified by Lloyds, DNV, TUV and

Extensive range of Din 2353 tube fittings in 316T stainless steel & carbon steel.

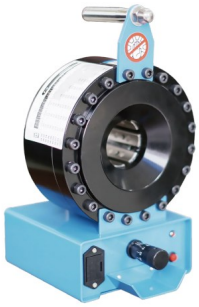
Carbon steel Zinc– Nickel plated for superior corrosion resistance.

The Volz Advantage

- All major 3rd party accreditations
- Large range available from stock
- 3.1 documentation - 100% traceability (Subject to charge)
- 1.4571 - (316TI) Top quality stainless steel for optimum performance

crimpmaster

Hydrauli Connect



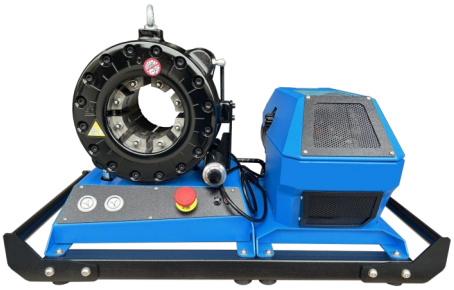
Mini Crimpers:

CM16 - Crimp up to 1" 2 wire or 3/4 spiral, only weighs 20Kg

CM18 - Crimp up to 1" 2 wire & 4 wire spiral only weighs 24Kg

Power Packs:

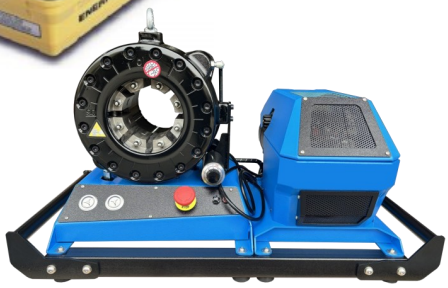
The Mini Crimpers are normally supplied with either an hand pump or air hydraulic pump.



Mobile Crimpers 12V or 24V:

CM20M - Crimps up to 1 1/2 4 wire spiral.

CM32M - Crimps up to 2" 4 wire spiral



Workshop Crimpers:

CM22S - Crimps up to 1 1/2 4 wire spiral, standard manual calibration.

CM32A - Crimps up to 2" 4 wire spiral, standard manual calibration.

Hose Saws

12V Dc and 240V Single Phase.

Standard smooth blade, other options available

All machine packages come complete with a full set of dies, quick change tool, die rack and stand (were applicable) and a 24 month return to base warranty.

Hydrauli Connect

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