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Hydraulic Quick Release Couplings





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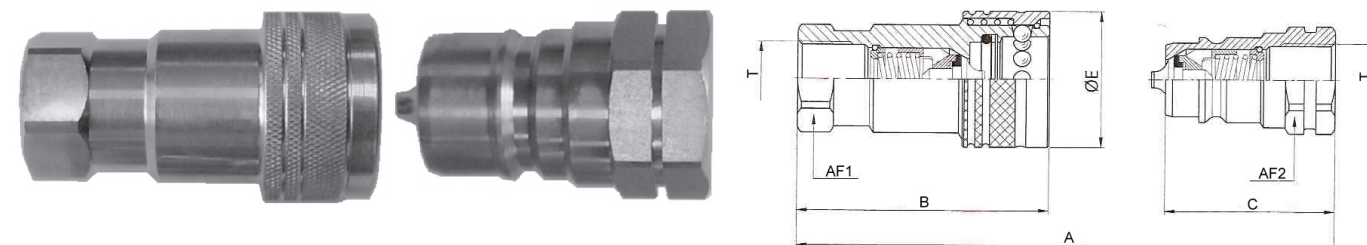


HA Series: Multiple Purpose ISO 7241-1A Coupling

Series: Multiple Purpose ISO 7241-1A Coupling
Material: Steel , Trivalent Chrome Plated
Valve: Poppet Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature:
Standard Buna-N-25°C~+125°C

Interchange Standard

Parker 6600	Perfecting K	Faster ANV
Aeroquip FD 56	Snap Tite 61	Dnp PAV
Safeway S56	Tomco A5600	Stucchi BIR



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HA 14 BSP C	HA 14 BSP N	70.0	49.0	35.0	26.2	1/4" BSP	19.0	19.0	350
	HA 14 NPT C	HA 14 NPT N					1/4" NPT			
06	HA 38 BSP C	HA 38 BSP N	85.0	60.5	42.5	30.5	3/8" BSP	22.0	22.0	325
	HA 38 NPT C	HA 38 NPT N					3/8" NPT			
	HA 38-916 SAE C	HA 38-916 SAE N					9/16"-18 SAE			
08	HA 12 BSP C	HA 12 BSP N	92.5	68.5	46.5	38.0	1/2" BSP	27.0	27.0	250
	HA 12 NPT C	HA 12 NPT N					1/2" NPT			
	HA 12-34 SAE C	HA 12-34 SAE N	98.5	70.5	50.5		3/4"-16 SAE			
	HA 12-78 SAE C	HA 12-78 SAE N					7/8"-14 SAE			
12	HA 34 BSP C	HA 34 BSP N	115.0	85.0	57.5	46.0	3/4" BSP	34.0	34.0	250
	HA 34 NPT C	HA 34 NPT N					3/4" NPT			
	HA 34-1116 SAE C	HA 34-1116 SAE N					1-1/16"-12 SAE			
16	HA 1 BSP C	HA 1 BSP N	131.5	99.5	65.5	52.0	1" BSP	41.0	41.0	250
	HA 1 NPT C	HA 1 NPT N					1" NPT			
	HA 1-1516 SAE C	HA 1-1516 SAE N					1-5/16"-12 SAE			
20	HA 114 BSP C	HA 114 BSP N	148.0	116.0	74.0	70.0	1-1/4" BSP	50.0	50.0	220
	HA 114 NPT C	HA 114 NPT N					1-1/4" NPT			
24	HA 112 BSP C	HA 112 BSP N	168.5	136.5	85.0	83.0	1-1/2" BSP	60.0	60.0	180
	HA 112 NPT C	HA 112 NPT N					1-1/2" NPT			
32	HA 2 BSP C	HA 2 BSP N	200.7	160.0	100.0	99.0	2" BSP	75.0	75.0	130
	HA 2 NPT C	HA 2 NPT N					2" NPT			

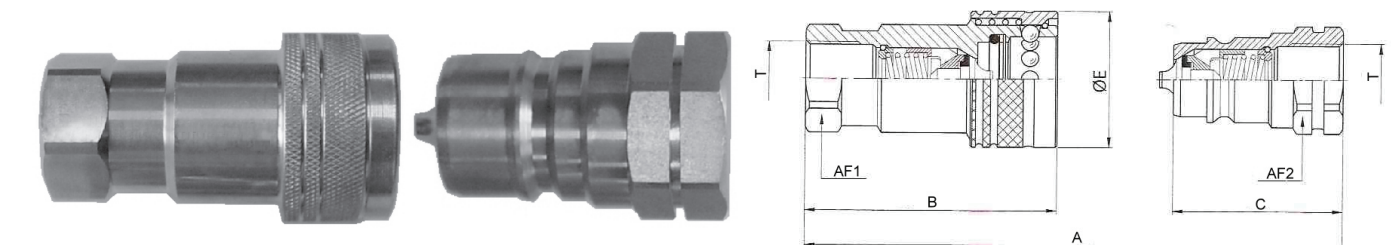
Note: Unvalved type (Part Nbr. HAF) of ISO 7241-A coupling interchange can be offered on request !

HAB Series: Multiple Purpose ISO 7241-1A Coupling

Material: Brass
Valve: Poppet Type
Seal: Viton Back-Up Ring: Teflon
Locking Ball : SS316
Inside Springs: SS302
Working Temperature: Viton-25°C~+175°C

Interchange Standard

Parker 6600	Perfecting K	Faster ANV
Aeroquip FD 56	Snap Tite 61	
Safeway S56	Tomco A5600	



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HAB 14 BSP C	HAB 14 BSP N	70.0	49.0	35.0	26.2	1/4" BSP	19.0	19.0	180
	HAB 14 NPT C	HAB 14 NPT N					1/4" NPT			
06	HAB 38 BSP C	HAB 38 BSP N	85.0	60.5	42.5	30.5	3/8" BSP	22.0	22.0	180
	HAB 38 NPT C	HAB 38 NPT N					3/8" NPT			
	HAB 38-916 SAE C	HAB 38-916 SAE N					9/16"-18 SAE			
08	HAB 12 BSP C	HAB 12 BSP N	92.5	68.5	46.5	38.0	1/2" BSP	27.0	27.0	150
	HAB 12 NPT C	HAB 12 NPT N					1/2" NPT			
	HAB 12-34 SAE C	HAB 12-34 SAE N	99.5	72.0	50.0		3/4"-16 SAE			
	HAB 12-78 SAE C	HAB 12-78 SAE N					7/8"-14 SAE			
12	HAB 34 BSP C	HAB 34 BSP N	115.0	85.0	57.5	46.0	3/4" BSP	34.0	34.0	120
	HAB 34 NPT C	HAB 34 NPT N					3/4" NPT			
	HAB 34-1116 SAE C	HAB 34-1116 SAE N					1-1/16"-12 SAE			
16	HAB 1 BSP C	HAB 1 BSP N	131.5	99.5	65.5	52.0	1" BSP	41.0	41.0	120
	HAB 1 NPT C	HAB 1 NPT N					1" NPT			
	HAB 1-1516 SAE C	HAB 1-1516 SAE N					1-5/16"-12 SAE			
20	HAB 114 BSP C	HAB 114 BSP N	148.0	116.0	74.0	70.0	1-1/4" BSP	50.0	50.0	80
	HAB 114 NPT C	HAB 114 NPT N					1-1/4" NPT			
24	HAB 112 BSP C	HAB 112 BSP N	168.5	136.5	85.0	83.0	1-1/2" BSP	60.0	60.0	60
	HAB 112 NPT C	HAB 112 NPT N					1-1/2" NPT			
32	HAB 2 BSP C	HAB 2 BSP N	200.7	160.0	100.0	99.0	2" BSP	75.0	75.0	50
	HAB 2 NPT C	HAB 2 NPT N					2" NPT			



HAS Series: Multiple Purpose ISO 7241-1A Coupling

Material: SS316 (HAS Part Nbr.), SS304 (HAS4 Part Nbr.)

Valve: Poppet Type

Seal: Viton Back-Up Ring: Teflon

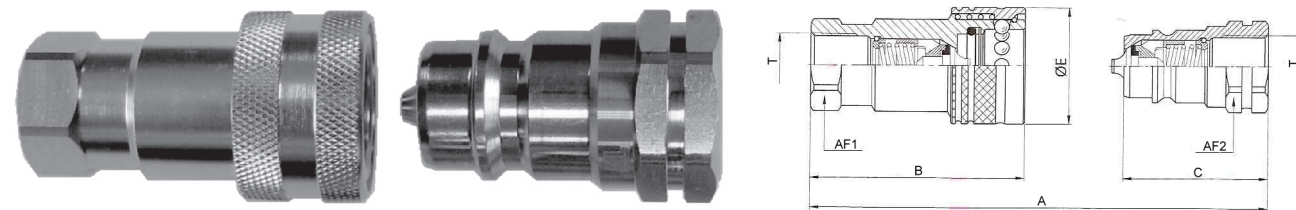
Locking Ball: SS316

Inside Springs: SS302

Working Temperature: Viton-25°C~+175°C

Interchange Standard

Parker 6600 Perfecting K Faster ANV
Aeroquip FD 56 Snap Tite 61 Dnp PAVX
Safeway S56 Tomco A5600



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HAS 14 BSP C	HAS 14 BSP N	70.0	49.0	35.0	26.2	1/4" BSP	19.0	19.0	320
	HAS 14 NPT C	HAS 14 NPT N					1/4" NPT			
06	HAS 38 BSP C	HAS 38 BSP N	85.0	60.5	42.5	30.5	3/8" BSP	22.0	22.0	280
	HAS 38 NPT C	HAS 38 NPT N					3/8" NPT			
	HAS 38-916 SAE C	HAS 38-916 SAE N					9/16"-18 SAE			
08	HAS 12 BSP C	HAS 12 BSP N	92.5	68.5	46.5	38.0	1/2" BSP	27.0	27.0	250
	HAS 12 NPT C	HAS 12 NPT N					1/2" NPT			
	HAS 12-34 SAE C	HAS 12-34 SAE N					3/4"-16 SAE			
	HAS 12-78 SAE C	HAS 12-78 SAE N					7/8"-14 SAE			
12	HAS 34 BSP C	HAS 34 BSP N	115.0	85.0	57.5	46.0	3/4" BSP	34.0	34.0	200
	HAS 34 NPT C	HAS 34 NPT N					3/4" NPT			
	HAS 34-1116 SAE C	HAS 34-1116 SAE N					1-1/16"-12 SAE			
16	HAS 1 BSP C	HAS 1 BSP N	131.5	99.5	65.5	52.0	1" BSP	41.0	41.0	150
	HAS 1 NPT C	HAS 1 NPT N					1" NPT			
	HAS 1-1516 SAE C	HAS 1-1516 SAE N					1-5/16"-12 SAE			
20	HAS 114 BSP C	HAS 114 BSP N	148.0	116.0	74.0	70.0	1-1/4" BSP	50.0	50.0	120
	HAS 114 NPT C	HAS 114 NPT N					1-1/4" NPT			
24	HAS 112 BSP C	HAS 112 BSP N	168.5	133.5	85.0	83.0	1-1/2" BSP	60.0	60.0	80
	HAS 112 NPT C	HAS 112 NPT N					1-1/2" NPT			
32	HAS 2 BSP C	HAS 2 BSP N	199.0	160.0	100.0	99.0	2" BSP	75.0	75.0	60
	HAS 2 NPT C	HAS 2 NPT N					2" NPT			

Note: Coupling Material SS304 (Part Nbr. HAS4) can be offered on request!

HB Series: Multiple Purpose ISO 7241-1B Coupling

Material: Steel , Trivalent Chrome Plated

Valve: Poppet Type

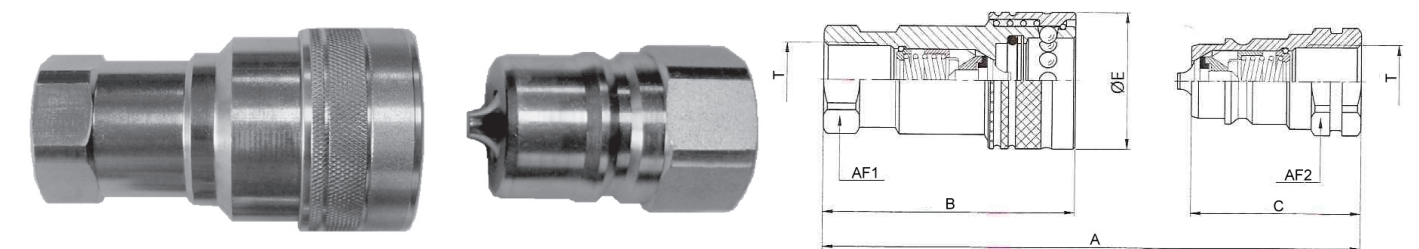
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Parker 60 Perfecting H Faster HNV
Aeroquip FD 45 Snap Tite 72 Dnp PBV
Safeway S10 Hansen HK Stucchi IRB



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
02	HB 18 BSP C	HB 18 BSP N	60.0	48.0	30.0	23.5	1/8" BSP	14.0	14.0	450
	HB 18 NPT C	HB 18 NPT N					1/8" NPT			
04	HB 14 BSP C	HB 14 BSP N	72.5	57.0	36.0	27.5	1/4" BSP	19.0	17.0	250
	HB 14 NPT C	HB 14 NPT N					1/4" NPT			
	HB 14-916 SAE C	HB 14-916 SAE N					9/16"-18 SAE			
06	HB 38 BSP C	HB 38 BSP N	80.0	65.0	40.0	35.0	3/8" BSP	22.0	22.0	250
	HB 38 NPT C	HB 38 NPT N					3/8" NPT			
	HB 38-34 SAE C	HB 38-34 SAE N					3/4"-16 SAE			
08	HB 12 BSP C	HB 12 BSP N	94.5	74.0	46.5	44.0	1/2" BSP	27.0	27.0	250
	HB 12 NPT C	HB 12 NPT N					1/2" NPT			
	HB 12-34 SAE C	HB 12-34 SAE N					3/4"-16 SAE			
	HB 12-78 SAE C	HB 12-78 SAE N					7/8"-14 SAE			
12	HB 34 BSP C	HB 34 BSP N	112.5	89.0	57.5	52.0	3/4" BSP	34.0	34.0	250
	HB 34 NPT C	HB 34 NPT N					3/4" NPT			
	HB 34-1116 SAE C	HB 34-1116 SAE N					1-1/16"-12 SAE			
16	HB 1 BSP C	HB 1 BSP N	132.5	106.0	65.5	60.0	1" BSP	41.0	41.0	200
	HB 1 NPT C	HB 1 NPT N					1" NPT			
	HB 1-1516 SAE C	HB 1-1516 SAE N					1-5/16"-12 SAE			
24	HB 112-114 BSP C	HB 112-114 BSP N	198.0	126.0	126.0	75.0	1-1/4" BSP	65.0	65.0	80
	HB 112-114 NPT C	HB 112-114 NPT N					1-1/4" NPT			
	HB 112 BSP C	HB 112 BSP N					1-1/2" BSP			
	HB 112 NPT C	HB 112 NPT N					1-1/2" NPT			
	HB 112-158 SAE C	HB 112-158 SAE N					1-5/8"-12 SAE			
32	HB 2 BSP C	HB 2 BSP N	222.0	142.0	142.0	105.0	2" BSP	90.0	90.0	60
	HB 2 NPT C	HB 2 NPT N					2" NPT			

Note: Unvalved type (HBF Part Nbr.) of ISO 7241-B coupling interchange can be offered on request !

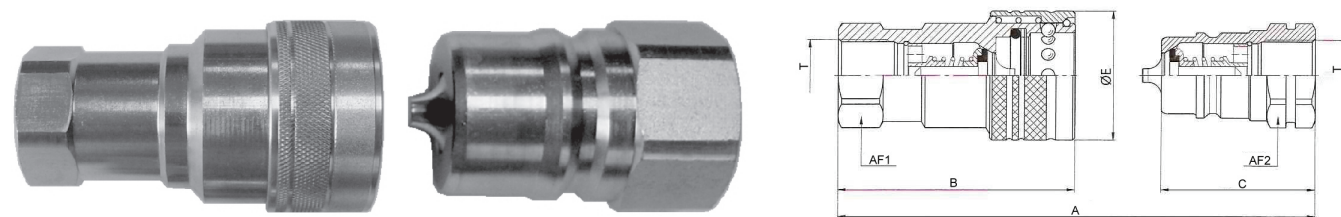


HBB Series: Multiple Purpose ISO 7241-1B Coupling

Material: Brass
Valve: Poppet Type
Seal: Viton Back-Up Ring: Teflon
Locking Ball : SS316
Inside Springs: SS302
Working Temperature: Viton-25°C~+175°C

Interchange Standard

Parker 60	Perfecting H	Faster HNV
Aeroquip FD 45	Snap Tite 72	Dnp PBVM
Safeway S10	Hansen HK	Stucchi IRBO



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
02	HBB 18 BSP C	HBB 18 BSP N	60.0	48.0	30.0	23.5	1/8" BSP	14.0	14.0	200
	HBB 18 NPT C	HBB 18 NPT N					1/8" NPT			
04	HBB 14 BSP C	HBB 14 BSP N	72.5	57.0	36.0	27.5	1/4" BSP	19.0	17.0	180
	HBB 14 NPT C	HBB 14 NPT N					1/4" NPT			
	HBB 14-916 SAE C	HBB 14-916 SAE N	79.5	60.0	40.0		9/16"-18 SAE			
06	HBB 38 BSP C	HBB 38 BSP N	80.0	65.0	40.0	35.0	3/8" BSP	22.0	22.0	180
	HBB 38 NPT C	HBB 38 NPT N					3/8" NPT			
	HBB 38-34 SAE C	HBB 38-34 SAE N	88.0	69.0	44.0		3/4"-16 SAE			
08	HBB 12 BSP C	HBB 12 BSP N	91.0	74.0	46.5	44.0	1/2" BSP	27.0	27.0	160
	HBB 12 NPT C	HBB 12 NPT N					1/2" NPT			
	HBB 12-34 SAE C	HBB 12-34 SAE N					3/4"-16 SAE			
	HBB 12-78 SAE C	HBB 12-78 SAE N					7/8"-14 SAE			
	HBB 12-78 SAE C	HBB 12-78 SAE N	97.0	76.0	50.5		7/8"-14 SAE			
12	HBB 34 BSP C	HBB 34 BSP N	112.5	89.0	57.5	52.0	3/4" BSP	34.0	34.0	120
	HBB 34 NPT C	HBB 34 NPT N					3/4" NPT			
	HBB 34-1116 SAE C	HBB 34-1116 SAE N					1-1/16"-12 SAE			
16	HBB 1 BSP C	HBB 1 BSP N	132.5	106.0	65.5	60.0	1" BSP	41.0	41.0	120
	HBB 1 NPT C	HBB 1 NPT N					1" NPT			
	HBB 1-1516 SAE C	HBB 1-1516 SAE N					1-5/16"-12 SAE			
	HBB 1-1516 SAE C	HBB 1-1516 SAE N					1-5/16"-12 SAE			
24	HBB 112-114 BSP C	HBB 112-114 BSP N	198.0	126.0	126.0	75.0	1-1/4" BSP	65.0	65.0	60
	HBB 112-114 NPT C	HBB 112-114 NPT N					1-1/4" NPT			
	HBB 112 BSP C	HBB 112 BSP N					1-1/2" BSP			
	HBB 112 NPT C	HBB 112 NPT N					1-1/2" NPT			
	HBB 112-158 SAE C	HBB 112-158 SAE N					1-5/8"-12 SAE			
	HBB 112-158 SAE C	HBB 112-158 SAE N					1-5/8"-12 SAE			
32	HBB 2 BSP C	HBB 2 BSP N	222.0	142.0	142.0	105.0	2" BSP	90.0	90.0	50
	HBB 2 NPT C	HBB 2 NPT N					2" NPT			

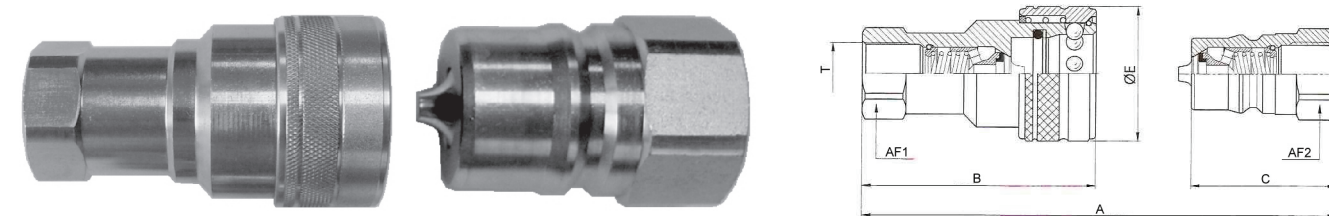
Note: Unvalved type (HBBF Part Nbr.) of ISO 7241-B coupling interchange can be offered on request !

HBS Series: Multiple Purpose ISO 7241-1B Coupling

Material: SS316 (HBS Part Nbr.), SS304 (HBS4 Part Nbr.)
Valve: Poppet Type
Seal: Viton Back-Up Ring: Teflon
Locking Ball : SS316
Inside Springs: SS302
Working Temperature: Viton-25°C~+175°C

Interchange Standard

Parker 60	Perfecting H	Faster HNV
Aeroquip FD 45	Snap Tite 72	Dnp PBVX
Safeway S10	Hansen HK	Stucchi IRBX



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
02	HBS 18 BSP C	HBS 18 BSP N	60.0	48.0	30.0	23.5	1/8" BSP	14.0	14.0	400
	HBS 18 NPT C	HBS 18 NPT N					1/8" NPT			
04	HBS 14 BSP C	HBS 14 BSP N	72.5	57.0	36.0	27.5	1/4" BSP	19.0	17.0	250
	HBS 14 NPT C	HBS 14 NPT N					1/4" NPT			
	HBS 14-916 SAE C	HBS 14-916 SAE N	79.5	60.0	40.0		9/16"-18 SAE			
06	HBS 38 BSP C	HBS 38 BSP N	80.0	65.0	40.0	35.0	3/8" BSP	22.0	22.0	250
	HBS 38 NPT C	HBS 38 NPT N					3/8" NPT			
	HBS 38-34 SAE C	HBS 38-34 SAE N	88.0	69.0	44.0		3/4"-16 SAE			
08	HBS 12 BSP C	HBS 12 BSP N	91.0	74.0	46.5	44.0	1/2" BSP	27.0	27.0	250
	HBS 12 NPT C	HBS 12 NPT N					1/2" NPT			
	HBS 12-34 SAE C	HBS 12-34 SAE N					3/4"-16 SAE			
	HBS 12-78 SAE C	HBS 12-78 SAE N					7/8"-14 SAE			
	HBS 12-78 SAE C	HBS 12-78 SAE N	97.0	76.0	50.5		7/8"-14 SAE			
12	HBS 34 BSP C	HBS 34 BSP N	112.5	89.0	57.5	52.0	3/4" BSP	34.0	34.0	200
	HBS 34 NPT C	HBS 34 NPT N					3/4" NPT			
	HBS 34-1116 SAE C	HBS 34-1116 SAE N					1-1/16"-12 SAE			
16	HBS 1 BSP C	HBS 1 BSP N	132.5	106.0	65.5	60.0	1" BSP	41.0	41.0	150
	HBS 1 NPT C	HBS 1 NPT N					1" NPT			
	HBS 1-1516 SAE C	HBS 1-1516 SAE N					1-5/16"-12 SAE			
	HBS 1-1516 SAE C	HBS 1-1516 SAE N					1-5/16"-12 SAE			
24	HBS 112-114 BSP C	HBS 112-114 BSP N	198.0	126.0	126.0	75.0	1-1/4" BSP	65.0	65.0	60
	HBS 112-114 NPT C	HBS 112-114 NPT N					1-1/4" NPT			
	HBS 112 BSP C	HBS 112 BSP N					1-1/2" BSP			
	HBS 112 NPT C	HBS 112 NPT N					1-1/2" NPT			
	HBS 112-158 SAE C	HBS 112-158 SAE N					1-5/8"-12 SAE			
	HBS 112-158 SAE C	HBS 112-158 SAE N					1-5/8"-12 SAE			
32	HBS 2 BSP C	HBS 2 BSP N	222.0	142.0	142.0	105.0	2" BSP	90.0	90.0	50
	HBS 2 NPT C	HBS 2 NPT N					2" NPT			

Note:

1. Coupling Material SS304 (Part Nbr. HBS4) can be offered on request!
2. Unvalved type (Part Nbr. HBSF and HBS4F) of ISO 7241-B coupling interchange can be offered on request !

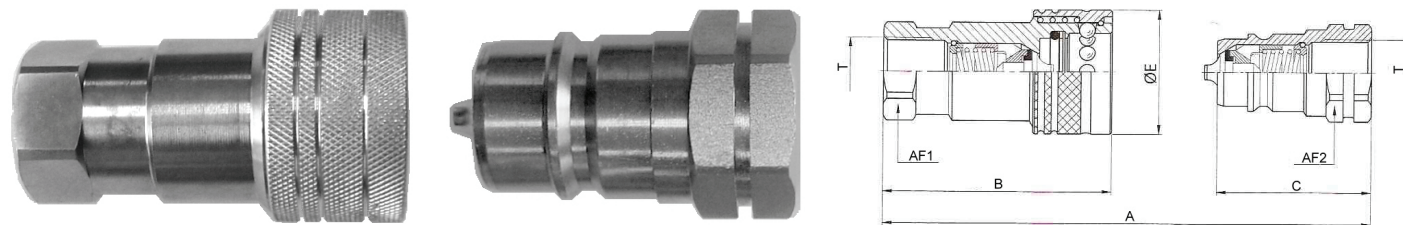


HDV Series: ISO 5675 Agricultural Coupling

Material: Steel , Trivalent Chrome Plated
Valve: Poppet Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Parker 4000 Perfecting AG Faster NV
Aeroquip FD 42 Snap Tite 21 Dnp PDV
Safeway S20 Tomco PC Stucchi IR/V



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HDV 14 BSP C	HDV 14 BSP N	73.5	56.0	35.0	28.0	1/4" BSP	19.0	19.0	350
	HDV 14 NPT C	HDV 14 NPT N					1/4" NPT			
	HDV 14-916 SAE C	HDV 14-916 SAE N	80.5	59.0	39.0		9/16"-18 SAE			
06	HDV 38 BSP C	HDV 38 BSP N	85.0	63.0	42.5	34.0	3/8" BSP	24.0	24.0	300
	HDV 38 NPT C	HDV 38 NPT N					3/8" NPT			
	HDV 38-1815 C	HDV 38-1815 N					M18 X 1.5			
08	HA 12 BSP C	HA 12 BSP N	92.5	68.5	46.5	38.0	1/2" BSP	27.0	27.0	250
	HA 12 NPT C	HA 12 NPT N					1/2" NPT			
	HA 12-2215 C	HA 12-2215 N					M22 X 1.5			
	HA 12-34 SAE C	HA 12-34 SAE N					3/4"-16 SAE			
12	HDV 34 BSP C	HDV 34 BSP N	116.5	86.0	58.0	46.0	3/4" BSP	34.0	34.0	250
	HDV 34 NPT C	HDV 34 NPT N					3/4" NPT			
16	HDV 1 BSP C	HDV 1 BSP N	132.5	99.0	65.5	52.0	1" BSP	41.0	41.0	220
	HDV 1 NPT C	HDV 1 NPT N					1" NPT			
20	HDV 114 BSP C	HDV 114 BSP N	150.0	117.0	75.0	70.0	1-1/4" BSP	50.0	50.0	220
	HDV 114 NPT C	HDV 114 NPT N					1-1/4" NPT			
24	HDV 112 BSP C	HDV 112 BSP N	167.0	128.0	83.5	84.0	1-1/2" BSP	60.0	60.0	180
	HDV 112 NPT C	HDV 112 NPT N					1-1/2" NPT			
32	HDV 2 BSP C	HDV 2 BSP N	177.0	139.0	89.0	115.0	2" BSP	70.0	70.0	100
	HDV 2 NPT C	HDV 2 NPT N					2" NPT			

Note: The 1/2" size is the same as ISO 7241-1A Series Design

HDS Series: ISO 5675 Agricultural Coupling

Material: Steel , Trivalent Chrome Plated
Valve: Ball Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Parker 4000 Perfecting AG Faster NS
Aeroquip FD 42 Snap Tite 21 Dnp PDS
Safeway S20 Tomco PC Stucchi IR



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HDS 14 BSP C	HDS 14 BSP N	73.5	56.0	35.0	28.0	1/4" BSP	19.0	19.0	280
	HDS 14 NPT C	HDS 14 NPT N					1/4" NPT			
	HDS 14-916 SAE C	HDS 14-916 SAE N	80.5	59.0	39.0		9/16"-18 SAE			
06	HDS 38 BSP C	HDS 38 BSP N	85.0	63.0	42.5	34.0	3/8" BSP	24.0	24.0	250
	HDS 38 NPT C	HDS 38 NPT N					3/8" NPT			
	HDS 38-1815 C	HDS 38-1815 N					M18 X 1.5			
08	HDS 12 BSP C	HDS 12 BSP N	92.5	68.5	46.5	38.0	1/2" BSP	27.0	27.0	200
	HDS 12 NPT C	HDS 12 NPT N					1/2" NPT			
	HDS 12-2215 C	HDS 12-2215 N					M22 X 1.5			
	HDS 12-34 SAE C	HDS 12-34 SAE N					3/4"-16 SAE			
12	HDS 12-78 SAE C	HDS 12-78 SAE N	98.5	70.5	50.5	46.0	7/8"-14 SAE	34.0	34.0	180
	HDS 34 BSP C	HDS 34 BSP N	116.0	86.0	57.0		3/4" BSP			
16	HDS 34 NPT C	HDS 34 NPT N	132.0	99.0	65.5	52.0	3/4" NPT	41.0	41.0	180
	HDS 1 BSP C	HDS 1 BSP N					1" BSP			
16	HDS 1 NPT C	HDS 1 NPT N	132.0	99.0	65.5	52.0	1" NPT	41.0	41.0	180
	HDS 1 NPT C	HDS 1 NPT N					1" NPT			



HPV Series: ISO 5675 Push Pull Agricultural Coupling

Material: Steel , Trivalent Chrome Plated

Valve: Poppet Type

Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

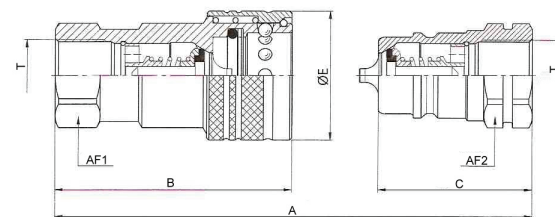
Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Parker 4000 Perfecting AG Faster CPV

Aeroquip FD 72 Snap Tite 61 Dnp PPV

Safeway S40 Stucchi IRS/V



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
08	HPV 12 BSP C	HA 12 BSP N	95.5	74.0	46.5	38.0	1/2" BSP	30.0	27.0	250
	HPV 12 NPT C	HA 12 NPT N					1/2" NPT			
	HPV 12-34 SAE C	HA 12-34 SAE N					3/4"-16 SAE			
	HPV 12-2215 C	HA 12-2215 N	92.5	67.0	46.5		M22 x 1.5			

Note: The 1/2" size is the same as ISO 7241-1A Series Design

HPS Series: ISO 5675 Push Pull Agricultural Coupling

Material: Steel , Trivalent Chrome Plated

Valve: Ball Type

Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

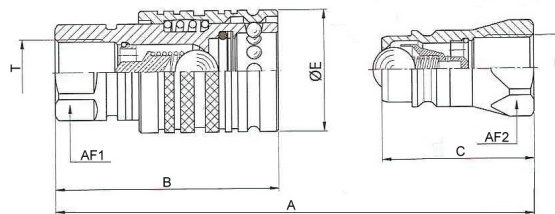
Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Parker 4000 Perfecting AG Faster CPV

Aeroquip FD 72 Snap Tite 61 Dnp PPS

Safeway S40 Stucchi IRS/V



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
08	HPS 12 BSP C	HPS 12 BSP N	95.5	74.0	46.5	38.0	1/2" BSP	30.0	27.0	200
	HPS 12 NPT C	HPS 12 NPT N					1/2" NPT			
	HPS 12-34 SAE C	HPS 12-34 SAE N					3/4"-16 SAE			
	HPS 12-2215 C	HPS 12-2215 N	92.5	67.0	46.5		M22 x 1.5			

HL Series: ISO 16028 Flush Face Coupling

Material: Steel , Trivalent Chrome Plated

Inside Spring: Steel

Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

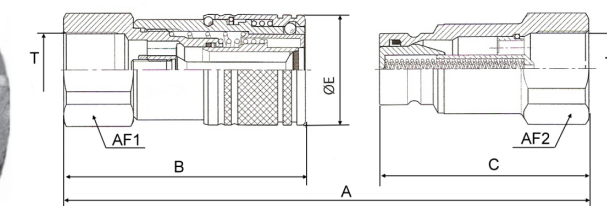
Locking Sleeve type: Option & On Requested

Interchange Standard

Parker FEM Safeway FFE49 Faster 2FFI

Aeroquip FD 89 Snap Tite 74 Dnp PLT1/ PLT4

Tomco FE Stucchi FIRG Perfecting HT



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HL 14 BSP C	HL 14 BSP N	101.0	58.0	53.1	28.0	1/4" BSP	22.0	22.0	300
	HL 14 NPT C	HL 14 NPT N					1/4" NPT			
	HL 14-916 SAE C	HL 14-916 SAE N					9/16"-18 SAE			
	HL 14-1615 C	HL 14-1615 N					M 16 x 1.5			
06	HL 38 BSP C	HL 38 BSP N	117.0	68.0	64.0	32.0	3/8" BSP	27.0	27.0	250
	HL 38 NPT C	HL 38 NPT N					3/8" NPT			
	HL 38-12 BSP C	HL 38-12 BSP N					1/2" BSP			
	HL 38-12 NPT C	HL 38-12 NPT N					1/2" NPT			
	HL 38-916 SAE C	HL 38-916 SAE N					9/16"-18 SAE			
	HL 38-34 SAE C	HL 38-34 SAE N					3/4"-16 SAE			
	HL 38-1815 C	HL 38-1815 N					M 18 x 1.5			
08	HL 12 BSP C	HL 12 BSP N	137.0	84.0	76.0	38.0	1/2" BSP	32.0	32.0	250
	HL 12 NPT C	HL 12 NPT N					1/2" NPT			
	HL 12-34 BSP C	HL 12-34 BSP N					3/4" BSP	36.0	36.0	
	HL 12-34 NPT C	HL 12-34 NPT N					3/4" NPT			
	HL 12-34 SAE C	HL 12-34 SAE N					3/4"-16 SAE	32.0	32.0	
	HL 12-78 SAE C	HL 12-78 SAE N					7/8"-14 SAE			
	HL 12-1116 SAE C	HL 12-1116 SAE N					1-1/16"-12 SAE	36.0	36.0	
	HL 12-2215 C	HL 12-2215 N					M 22 x 1.5	32.0	32.0	
	HL 12-2615 C	HL 12-2615 N					M 26 x 1.5	36.0	36.0	
12	HL 34 BSP C	HL 34 BSP N	158.0	94.0	86.5	48.0	3/4" BSP	46.0	41.0	250
	HL 34 NPT C	HL 34 NPT N					3/4" NPT			
	HL 34-1 BSP C	HL 34-1 BSP N					1" BSP			
	HL 34-1 NPT C	HL 34-1 NPT N					1" NPT			
	HL 34-1116 SAE C	HL 34-1116 SAE N					1-1/16"-12 SAE			
	HL 34-1516 SAE C	HL 34-1516 SAE N					1-5/16"-12 SAE			
16	HL 1 BSP C	HL 1 BSP N	177.0	110.0	90.0	55.0	1" BSP	50.0	50.0	210
	HL 1 NPT C	HL 1 NPT N					1" NPT			
	HL 1-114 BSP C	HL 1-114 BSP N					1-1/4" BSP			
	HL 1-114 NPT C	HL 1-114 NPT N					1-1/4" NPT			
	HL 1-1516 SAE C	HL 1-1516 SAE N					1-5/16"-12 SAE			
	HL 1-158 SAE C	HL 1-158 SAE N					1-5/8"-12 SAE			



HLS Series: ISO 16028 Flush Face Coupling

Material: SS316 (Part Nbr. HLS), SS304 (Part Nbr. HLS4)

Inside Springs: SS302

Seal: Viton

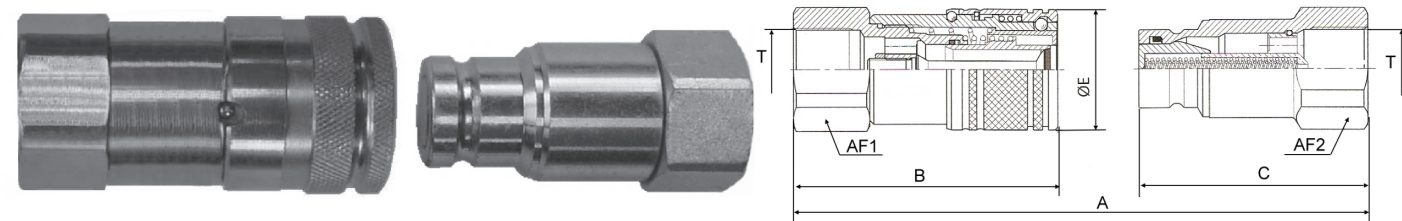
Back-Up Ring : Teflon

Working Temperature: Viton-25°C~+125°C

Locking Sleeve type: Option & On Requested

Interchange Standard

Parker FEM Safeway FFE49 Faster 2FFI
Aeroquip FD 89 Snap Tite 74 Dnp PLT1/ PLT4
Tomco FE Stucchi FIRG Perfecting HT



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HLS 14 BSP C	HLS 14 BSP N	101.0	58.0	53.1	28.0	1/4" BSP	22.0	22.0	300
	HLS 14 NPT C	HLS 14 NPT N					1/4" NPT			
	HLS 14-916 SAE C	HLS 14-916 SAE N					9/16"-18 SAE			
	HLS 14-1615 C	HLS 14-1615 N					M 16 x 1.5			
							M 16 x 1.5			
06	HLS 38 BSP C	HLS 38 BSP N	117.0	68.0	64.0	32.0	3/8" BSP	27.0	27.0	250
	HLS 38 NPT C	HLS 38 NPT N					3/8" NPT			
	HLS 38-12 BSP C	HLS 38-12 BSP N					1/2" BSP			
	HLS 38-12 NPT C	HLS 38-12 NPT N					1/2" NPT			
	HLS 38-916 SAE C	HLS 38-916 SAE N					9/16"-18 SAE			
	HLS 38-34 SAE C	HLS 38-34 SAE N					3/4"-16 SAE			
08	HLS 38-1815 C	HLS 38-1815 N	137.0	84.0	76.0	38.0	M 18 x 1.5	32.0	32.0	250
	HLS 12 BSP C	HLS 12 BSP N					1/2" BSP			
	HLS 12 NPT C	HLS 12 NPT N					1/2" NPT			
	HLS 12-34 BSP C	HLS 12-34 BSP N					3/4" BSP			
	HLS 12-34 NPT C	HLS 12-34 NPT N					3/4" NPT			
	HLS 12-34 SAE C	HLS 12-34 SAE N					3/4"-16 SAE			
	HLS 12-78 SAE C	HLS 12-78 SAE N					7/8"-14 SAE			
	HLS 12-1116 SAE C	HLS 12-1116 SAE N					1-1/16"-12 SAE			
	HLS 12-2215 C	HLS 12-2215 N					M 22 x 1.5			
	HLS 12-2615 C	HLS 12-2615 N					M 26 x 1.5			
12	HLS 34 BSP C	HLS 34 BSP N	158.0	94.0	86.5	48.0	3/4" BSP	46.0	41.0	250
	HLS 34 NPT C	HLS 34 NPT N					3/4" NPT			
	HLS 34-1 BSP C	HLS 34-1 BSP N					1" BSP			
	HLS 34-1 NPT C	HLS 34-1 NPT N					1" NPT			
	HLS 34-1116 SAE C	HLS 34-1116 SAE N					1-1/16"-12 SAE			
	HLS 34-1516 SAE C	HLS 34-1516 SAE N					1-5/16"-12 SAE			
16	HLS 1 BSP C	HLS 1 BSP N	177.0	110.0	90.0	55.0	1" BSP	50.0	50.0	210
	HLS 1 NPT C	HLS 1 NPT N					1" NPT			
	HLS 1-114 BSP C	HLS 1-114 BSP N					1-1/4" BSP			
	HLS 1-114 NPT C	HLS 1-114 NPT N					1-1/4" NPT			
	HLS 1-1516 SAE C	HLS 1-1516 SAE N					1-5/16"-12 SAE			
	HLS 1-158 SAE C	HLS 1-158 SAE N					1-5/8"-12 SAE			

Note: Coupling Material SS304 (Part Nbr. HLS4) can be offered on request!



HF Series: ISO 16028 Flush Face Coupling

Material: Steel , Trivalent Chrome Plated

Inside Springs: SS302

Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Locking Sleeve type: Option & On Requested



Interchange Standard

Parker FEM Safeway FFE49 Faster 2FFI
Aeroquip FD 89 Snap Tite 74 Dnp PLT1/ PLT4
Tomco FE Stucchi FIRG Perfecting HT

SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HF 14 BSP C	HF 14 BSP N	100.0	58.5	53.3	28.0	1/4" BSP	22.0	22.0	400
	HF 14 NPT C	HF 14 NPT N					1/4" NPT			
	HF 14-38 BSP C	HF 14-38 BSP N					3/8" BSP			
	HF 14-38 NPT C	HF 14-38 NPT N					3/8" NPT			
	HF 14-916 SAE C	HF 14-916 SAE N					9/16"-18 SAE			
	HF 14-1615 C	HF 14-1615 N					M 16 x 1.5			
	HF 14-1815 C	HF 14-1815 N					M 18 x 1.5			
06	HF 38 BSP C	HF 38 BSP N	121.0	73.5	61.2	32.0	3/8" BSP	30.0	30.0	350
	HF 38 NPT C	HF 38 NPT N					3/8" NPT			
	HF 38-12 BSP C	HF 38-12 BSP N					1/2" BSP			
	HF 38-12 NPT C	HF 38-12 NPT N					1/2" NPT			
	HF 38-916 SAE C	HF 38-916 SAE N					9/16"-18 SAE			
	HF 38-34 SAE C	HF 38-34 SAE N					3/4"-16 SAE			
	HF 38-1815 C	HF 38-1815 N					M 18 x 1.5			
08	HF 38-2215 C	HF 38-2215 N	143.5	73.4	74.0	38.0	M 22 x 1.5	36.0	36.0	350
	HF 12 BSP C	HF 12 BSP N					1/2" BSP			
	HF 12 NPT C	HF 12 NPT N					1/2" NPT			
	HF 12-34 BSP C	HF 12-34 BSP N					3/4" BSP			
	HF 12-34 NPT C	HF 12-34 NPT N					3/4" NPT			
	HF 12-34 SAE C	HF 12-34 SAE N					3/4"-16 SAE			
	HF 12-78 SAE C	HF 12-78 SAE N					7/8"-14 SAE			
	HF 12-1116 SAE C	HF 12-1116 SAE N					1-1/16"-12 SAE			
	HF 12-2215 C	HF 12-2215 N					M 22 x 1.5			
	HF 12-2615 C	HF 12-2615 N					M 26 x 1.5			
10	HF 58-12 BSP C	HF 58-12 BSP N	143.0	86.0	74.0	42.0	1/2" BSP	36.0	36.0	350
	HF 58-12 NPT C	HF 58-12 NPT N					1/2" NPT			
	HF 58-34 BSP C	HF 58-34 BSP N					3/4" BSP			
	HF 58-34 NPT C	HF 58-34 NPT N					3/4" NPT			
	HF 58-34 SAE C	HF 58-34 SAE N					3/4"-16 SAE			
	HF 58-78 SAE C	HF 58-78 SAE N					7/8"-14 SAE			
	HF 58-1116 SAE C	HF 58-1116 SAE N					1-1/16"-12 SAE			
	HF 58-2215 C	HF 58-2215 N					M 22 x 1.5			
12	HF 58-2615 C	HF 58-2615 N	154.0	95.0	87.0	48.0	M 26 x 1.5	41.0	41.0	350
	HF 34 BSP C	HF 34 BSP N					3/4" BSP			
	HF 34 NPT C	HF 34 NPT N					3/4" NPT			
	HF 34-1 BSP C	HF 34-1 BSP N					1" BSP			
	HF 34-1 NPT C	HF 34-1 NPT N					1" NPT			
	HF 34-1116 SAE C	HF 34-1116 SAE N					1-1/16"-12 SAE			
	HF 34-1516 SAE C	HF 34-1516 SAE N					1-5/16"-12 SAE			
16	HF 1 BSP C	HF 1 BSP N	177.0	109.5	92.0	55.0	1" BSP	50.0	50.0	350
	HF 1 NPT C	HF 1 NPT N					1" NPT			
	HF 1-114 BSP C	HF 1-114 BSP N					1-1/4" BSP			
	HF 1-114 NPT C	HF 1-114 NPT N					1-1/4" NPT			
	HF 1-1516 SAE C	HF 1-1516 SAE N					1-5/16"-12 SAE			
	HF 1-158 SAE C	HF 1-158 SAE N					1-5/8"-12 SAE			



HFS Series: ISO 16028 Flush Face Coupling

Material: SS316 (Part Nbr. HFS), SS304 (Part Nbr. HFS4)

Inside Springs: SS302

Seal: Viton

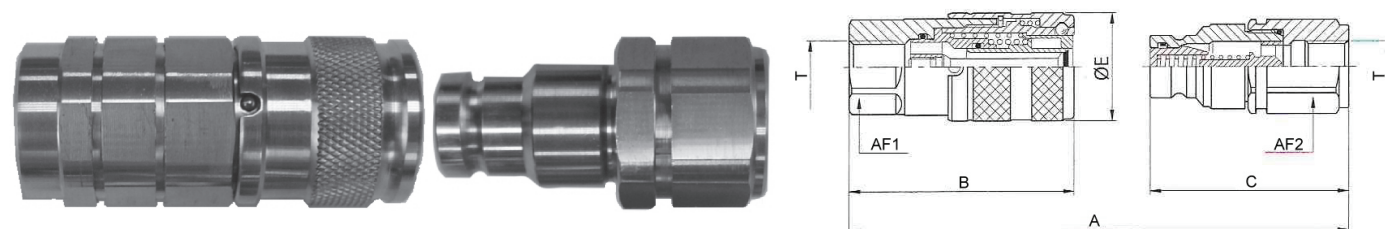
Back-Up Ring : Teflon

Working Temperature: Viton-25°C~+175°C

Locking Sleeve type: Option & On Request

Interchange Standard

Parker FEM Safeway FFE49 Faster 2FFI
Aeroquip FD 89 Snap Tite 74 Dnp PLT 1/ PLT4
Tomco FE Stucchi FIRG Perfecting HT



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HFS 14 BSP C	HFS 14 BSP N	100.0	58.5	53.3	28.0	1/4" BSP	22.0	22.0	400
	HFS 14 NPT C	HFS 14 NPT N					1/4" NPT			
	HFS 14-916 SAE C	HFS 14-916 SAE N					9/16"-18 SAE			
06	HFS 38 BSP C	HFS 38 BSP N	121.0	73.5	61.2	32.0	3/8" BSP	30.0	30.0	250
	HFS 38 NPT C	HFS 38 NPT N					3/8" NPT			
	HFS 38-12 BSP C	HFS 38-12 BSP N					1/2" BSP			
	HFS 38-12 NPT C	HFS 38-12 NPT N					1/2" NPT			
08	HFS 38-34 SAE C	HFS 38-34 SAE N	143.5	73.4	74.0	38.0	3/4"-16 SAE	36.0	36.0	250
	HFS 12 BSP C	HFS 12 BSP N					1/2" BSP			
	HFS 12 NPT C	HFS 12 NPT N					1/2" NPT			
	HFS 12-34 BSP C	HFS 12-34 BSP N					3/4" BSP			
	HFS 12-34 NPT C	HFS 12-34 NPT N					3/4" NPT			
	HFS 12-34 SAE C	HFS 12-34 SAE N					3/4"-16 SAE			
10	HFS 58-34 SAE C	HFS 58-34 SAE N	148.0	87.0	80.0	42.0	1-1/16"-12 SAE	36.0	36.0	250
	HFS 58-34 BSP C	HFS 58-34 BSP N					3/4" BSP			
	HFS 58-34 NPT C	HFS 58-34 NPT N					3/4" NPT			
12	HFS 34 BSP C	HFS 34 BSP N	154.0	95.0	87.0	48.0	3/4" BSP	41.0	41.0	250
	HFS 34 NPT C	HFS 34 NPT N					3/4" NPT			
	HFS 34-1 BSP C	HFS 34-1 BSP N	160.0	95.0	87.0	48.0	1" BSP			
	HFS 34-1 NPT C	HFS 34-1 NPT N					1" NPT			
	HFS 34-1516 SAE C	HFS 34-1516 SAE N					1-5/16"-12 SAE			
16	HFS 1 BSP C	HFS 1 BSP N	177.0	109.5	92.0	55.0	1" BSP	50.0	50.0	250
	HFS 1 NPT C	HFS 1 NPT N					1" NPT			
	HFS 1-114 BSP C	HFS 1-114 BSP N					1-1/4" BSP			
	HFS 1-114 NPT C	HFS 1-114 NPT N					1-1/4" NPT			
	HFS 1-158 SAE C	HFS 1-158 SAE N					1-5/8"-12 SAE			

Note: Coupling Material SS304 (Part Nbr. HFS4) can be offered on request!

HST Series: European Screw Connection Coupling

Material: Steel , Trivalent Chrome Plated

Valve: Poppet Type

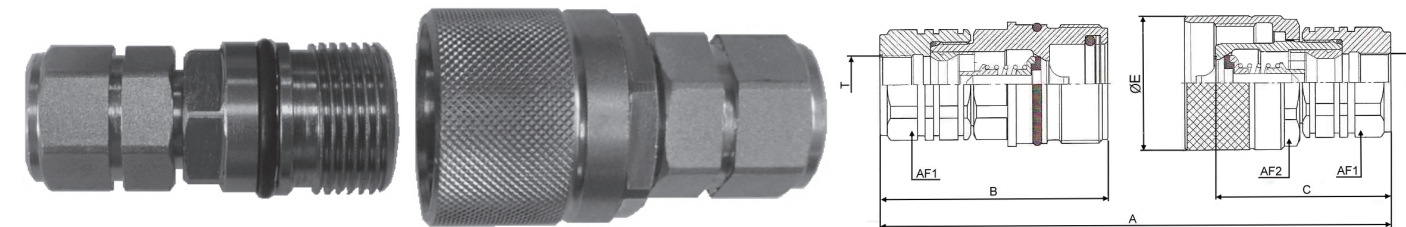
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Faster CVV Dnp PVV3 Voswinkel HS



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)			
06	HST 38-14 BSP C	HST 38-14 BSP N	102.4	65.4	49.0	35.0	1/4" BSP	24.0	30.0	325			
	HST 38-14 NPT C	HST 38-14 NPT N					1/4" NPT						
	HST 38 BSP C	HST 38 BSP N					3/8" BSP						
	HST 38 NPT C	HST 38 NPT N					3/8" NPT						
	HST 38-916 SAE C	HST 38-916 SAE N					9/16"-18 SAE						
	HST 38-1615 C	HST 38-1615 N					M16 x 1.5						
	HST 38-1815 C	HST 38-1815 N					M18 x 1.5						
08	HST 12-38 BSP C	HST 12-38 BSP N	102.0	67.0	51.0	42.0	3/8" BSP	30.0	36.0	300			
	HST 12-38 NPT C	HST 12-38 NPT N					3/8" NPT						
	HST 12 BSP C	HST 12 BSP N	105.5	68.0	54.0		1/2" BSP						
	HST 12 NPT C	HST 12 NPT N					1/2" NPT						
	HST 12-34 SAE C	HST 12-34 SAE N					3/4"-16 SAE						
	HST 12-1615 C	HST 12-1615 N	102.0	67.0	51.0		M16 x 1.5						
	HST 12-1815 C	HST 12-1815 N					M18 x 1.5						
	HST 12-2215 C	HST 12-2215 N	108.0	70.0	54.0		M22 x 1.5						
12	HST 34-12 BSP C	HST 34-12 BSP N	128.0	85.0	65.0	48.0	1/2" BSP	36.0	41.0	250			
	HST 34-12 NPT C	HST 34-12 NPT N					1/2" NPT						
	HST 34 BSP C	HST 34 BSP N	133.0	86.0	68.0		3/4" BSP						
	HST 34 NPT C	HST 34 NPT N					3/4" NPT						
	HST 34-2215 C	HST 34-2215 N	128.0	85.0	65.0		M22 x 1.5						
	HST 34-2615 C	HST 34-2615 N	133.0	86.0	68.0		M26 x 1.5						
16	HST 1-34 BSP C	HST 1-34 BSP N	148.0	95.0	80.0	55.0	3/4" BSP	41.0	50.0	250			
	HST 1-34 NPT C	HST 1-34 NPT N					3/4" NPT						
	HST 1 BSP C	HST 1 BSP N	153.0	100.5	77.0		1" BSP						
	HST 1 NPT C	HST 1 NPT N					1" NPT						
	HST 1-1116 SAE C	HST 1-1116 SAE N					1-1/16"-12 SAE						
	HST 1-3020 C	HST 1-3020 N											M30 x 2.0
20	HST 114 BSP C	HST 114 BSP N	208.0	127.0	130.0	80.0	1-1/4" BSP	55.0	75.0	200			
	HST 114 NPT C	HST 114 NPT N				1-1/4" NPT							

Note: Coupling Material SS316 (Part Nbr. HSTS) can be offered on request!

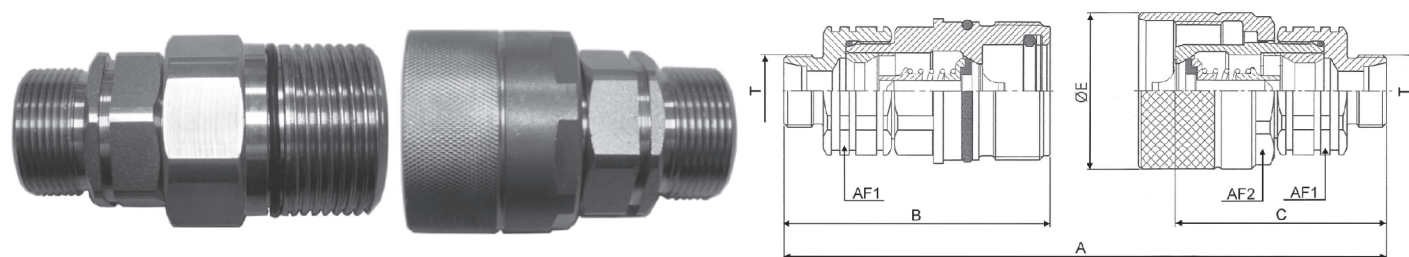


HST-L Series: European Screw Connection Coupling - Light Duty DIN 3853 Thread

Material: Steel , Trivalent Chrome Plated
Valve: Poppet Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Faster CVV Dnp PVV3



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	Tube O. D.	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
06	HST 38-0612L C	HST 38-0612L N	95.0	63.0	46.0	35.0	6.0	M12 x 1.5	24.0	30.0	325
	HST 38-0814L C	HST 38-0814L N					8.0	M14 x 1.5			
	HST 38-1016L C	HST 38-1016L N					10.0	M16 x 1.5			
	HST 38-1218L C	HST 38-1218L N					12.0	M18 x 1.5			
08	HST 12-0814L C	HST 12-0814L N	98.0	66.0	50.0	42.0	8.0	M14 x 1.5	30.0	36.0	300
	HST 12-1016L C	HST 12-1016L N	102.0	69.0	54.0		10.0	M16 x 1.5			
	HST 12-1218L C	HST 12-1218L N					12.0	M18 x 1.5			
	HST 12-1522L C	HST 12-1522L N					15.0	M22 x 1.5			
	HST 12-1826L C	HST 12-1826L N					18.0	M26 x 1.5			
12	HST 34-1218L C	HST 34-1218L N	124.0	81.0	61.0	48.0	12.0	M18 x 1.5	36.0	41.0	250
	HST 34-1522L C	HST 34-1522L N	129.0	84.0	64.0		15.0	M22 x 1.5			
	HST 34-1826L C	HST 34-1826L N					18.0	M26 x 1.5			
	HST 34-2230L C	HST 34-2230L N					22.0	M30 x 2.0			
16	HST 1-1826L C	HST 1-1826L N	140.0	96.0	80.0	55.0	18.0	M26 x 1.5	42.0	50.0	250
	HST 1-2230L C	HST 1-2230L N	145.0	98.0	83.0		22.0	M30 x 2.0			
	HST 1-2836L C	HST 1-2836L N					28.0	M36 x 2.0			
	HST 1-3545L C	HST 1-3545L N					35.0	M45 x 2.0			

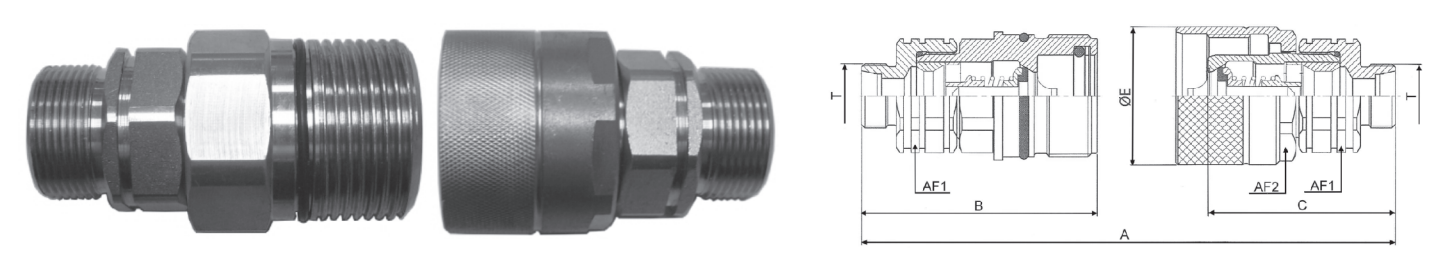


HST-S Series: European Screw Connection Coupling - Heavy Duty DIN 3853 Thread

Material: Steel , Trivalent Chrome Plated
Valve: Poppet Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Faster CVV Dnp PVV3



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	Tube O. D.	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
06	HST 38-0816S C	HST 38-0816S N	98.0	64.0	48.0	35.0	8.0	M16 x 1.5	24.0	30.0	325
	HST 38-1018S C	HST 38-1018S N					10.0	M18 x 1.5			
	HST 38-1220S C	HST 38-1220S N					12.0	M20 x 1.5			
08	HST 12-1018S C	HST 12-1018S N	98.0	66.0	52.0	42.0	10.0	M18 x 1.5	30.0	36.0	300
	HST 12-1220S C	HST 12-1220S N	103.0	69.0	54.0		12.0	M20 x 1.5			
	HST 12-1422S C	HST 12-1422S N					14.0	M22 x 1.5			
	HST 12-1624S C	HST 12-1624S N					16.0	M24 x 1.5			
	HST 12-2030S C	HST 12-2030S N					108.0	72.0			
12	HST 34-1220S C	HST 34-1220S N	125.0	82.0	63.0	48.0	12.0	M20 x 1.5	36.0	41.0	250
	HST 34-1422S C	HST 34-1422S N	128.0	83.0	65.0		14.0	M22 x 1.5			
	HST 34-1624S C	HST 34-1624S N	132.0	85.0	67.0		16.0	M24 x 1.5			
	HST 34-2030S C	HST 34-2030S N					20.0	M30 x 2.0			
16	HST 1-2030S C	HST 1-2030S N	147.0	95.0	77.0	55.0	20.0	M30 x 2.0	42.0	50.0	250
	HST 1-2536S C	HST 1-2536S N					25.0	M36 x 2.0			
	HST 1-3042S C	HST 1-3042S N	152.0	98.0	79.0		30.0	M42 x 2.0	46.0		
20	HST 114-3042S C	HST 114-3042S N	182.0	111.0	130.0	80.0	30.0	M42 x 2.0	55.0	75.0	200
	HST 114-3852S C	HST 114-3852S N	186.0	113.0	132.0		38.0	M52 x 2.0			

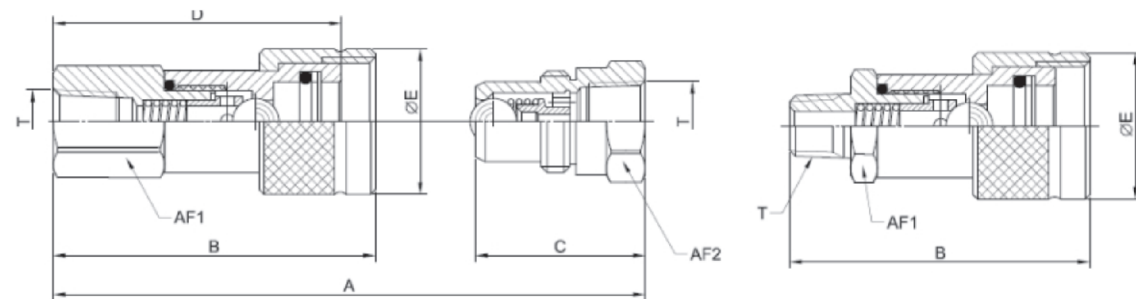
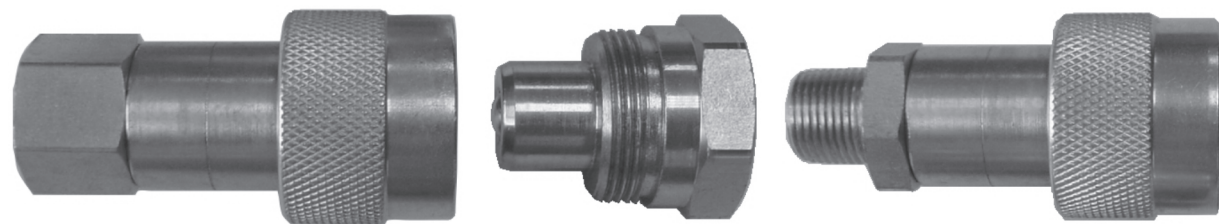


HSH Series: High Pressure Hydraulic Rams & Jack Coupling

Material: Steel , Trivalent Chrome Plated
Valve: Ball Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature: Standard Buna-N-25°C~+ 125°C

Interchange Standard

Parker 3000 Perfecting T Faster PVVM
Safeway S30 Snap Tite 76 Dnp PVS
Enerpac C-604 Stucchi IVHP



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HSH 14 NPT C	HSH 14 NPT N	81.0	52.0	39.0	28.0	1/4" NPT	21.0	19.0	700
	HSH 14 BSP C	HSH 14 BSP N					1/4" BSP			
	HSH 14-1415 C	HSH 14-1415 N					M14 x 1.5			
	HSH 14 NPT CF	HSH 14 NPT N		56.0			1/4" NPT			
06	HSH 38 NPT C	HSH 38 NPT N	87.0	61.0	41.0	35.0	3/8" NPT	24.0	32.0	700
	HSH 38 BSP C	HSH 38 BSP N					3/8" BSP			
	HSH 38-1815 C	HSH 38-1815 N					M18 x 1.5			
	HSH 38 NPT CF	HSH 38 NPT N		67.0			3/8" NPT			

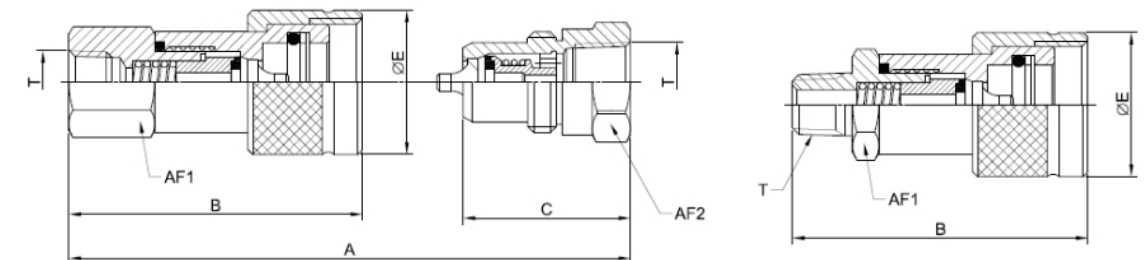
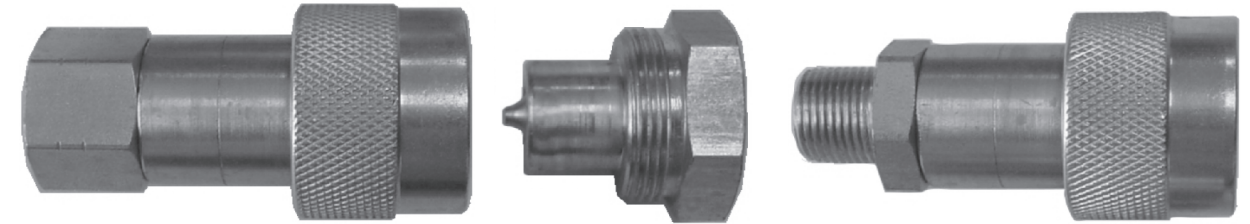


HSP Series: High Pressure Hydraulic Rams & Jack Coupling

Material: Steel , Trivalent Chrome Plated
Valve: Poppet Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature: Standard Buna-N-25°C~+ 125°C

Interchange Standard

Parker 3000 Perfecting T Faster PVVM
Safeway S30 Snap Tite 76 Enerpac C-604



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HSP 14 NPT C	HSP 14 NPT N	81.0	52.0	39.0	28.0	1/4" NPT	21.0	19.0	700
	HSP 14 BSP C	HSP 14 BSP N					1/4" BSP			
	HSP 14-1415 C	HSP 14-1415 N					M14 x 1.5			
	HSP 14 NPT CF	HSP 14 NPT N		56.0			1/4" NPT			
06	HSP 38 NPT C	HSP 38 NPT N	87.0	61.0	41.0	35.0	3/8" NPT	24.0	32.0	700
	HSP 38 BSP C	HSP 38 BSP N					3/8" BSP			
	HSP 38-1815 C	HSP 38-1815 N					M18 x 1.5			
	HSP 38 NPT CF	HSP 38 NPT N		67.0			3/8" NPT			

Note: Coupling Material SS316 (Part Nbr. HSPS) can be offered on request!

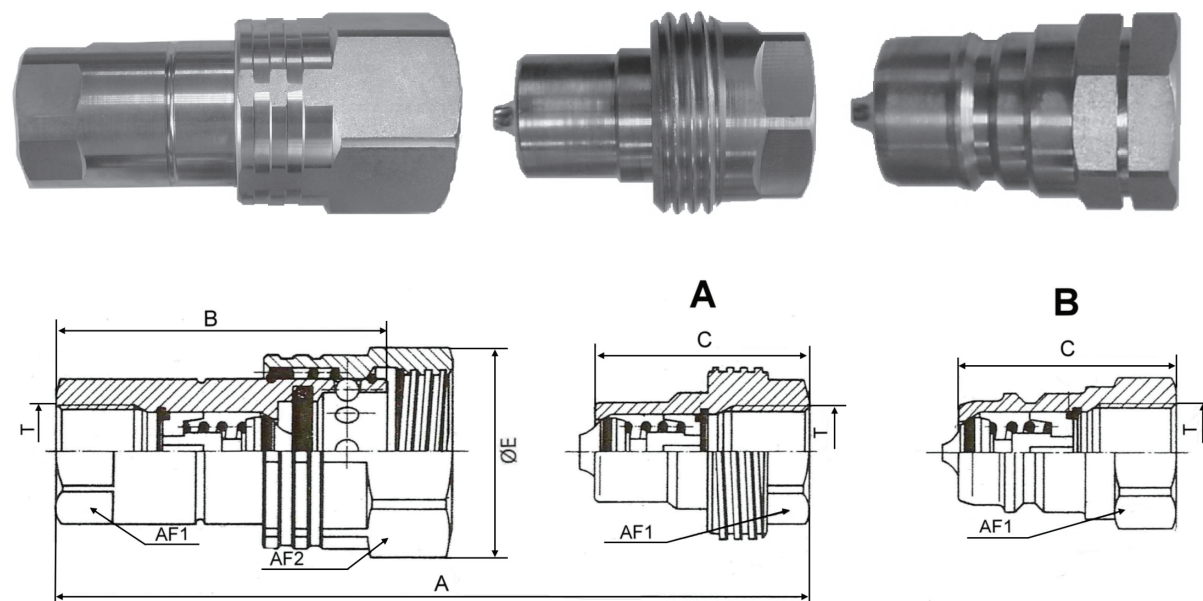


HVV Series: Screw & Ball Two Connected Function Coupling

Material: Steel , Trivalent Chrome Plated
Valve: Poppet Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature: Standard Buna-N-25°C~+ 125°C

Interchange Standard

Faster VV Faster NV Nipple



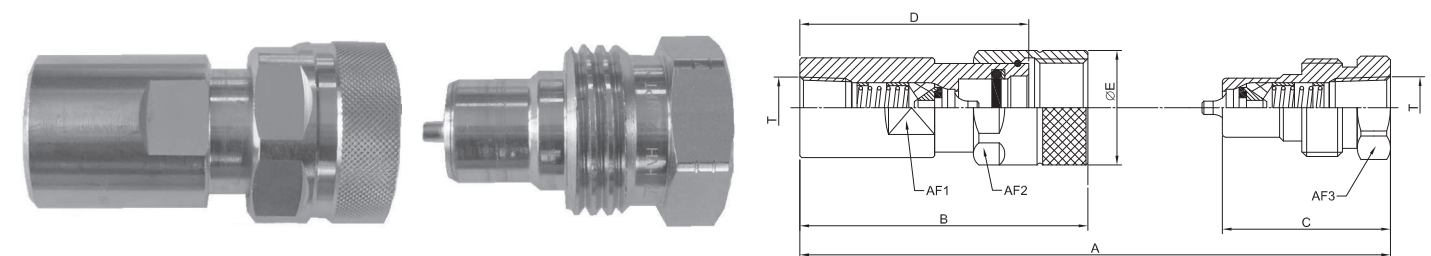
SIZE	COUPLER	NIPPLE(A)	NIPPLE(B)	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HVV 14 BSP C	HVV 14 BSP N	HDV 14 BSP N	66.0	50.0	33.0	30.0	1/4" BSP	19.0	27.0	350
	HVV 14 NPT C	HVV 14 NPT N	HDV 14 NPT N					1/4" NPT			
06	HVV 38 BSP C	HVV 38 BSP N	HDV 38 BSP N	78.0	59.5	39.0	38.0	3/8" BSP	24.0	34.0	300
	HVV 38 NPT C	HVV 38 NPT N	HDV 38 NPT N					3/8" NPT			
08	HVV 12 BSP C	HVV 12 BSP N	HDV 12 BSP N	94.5	68.0	49.0	42.0	1/2" BSP	27.0	38.0	280
	HVV 12 NPT C	HVV 12 NPT N	HDV 12 NPT N					1/2" NPT			
12	HVV 34 BSP C	HVV 34 BSP N	HDV 34 BSP N	123.5	84.0	61.5	55.0	3/4" BSP	34.0	50.0	250
	HVV 34 NPT C	HVV 34 NPT N	HDV 34 NPT N					3/4" NPT			
16	HVV 1 BSP C	HVV 1 BSP N	HDV 1 BSP N	139.5	99.5	73.0	60.0	1" BSP	41.0	55.0	210
	HVV 1 NPT C	HVV 1 NPT N	HDV 1 NPT N					1" NPT			

HVH Series: High Pressure Screw Connection Coupling

Material: Steel , Trivalent Chrome Plated
Valve: Poppet Type
Seal: Standard Nitrile (Buna-N)
Back-Up Ring : Teflon
Working Temperature: Standard Buna-N-25°C~+ 125°C

Interchange Standard

Faster VVS



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	AF3 mm	Max. Working Pressure (Bar)
04	HVH 14 BSP C	HVH 14 BSP N	69.0	62.0	35.0	30.0	1/4" BSP	22.0	27.0	25.0	800
	HVH 14 NPT C	HVH 14 NPT N					1/4" NPT				
06	HVH 38 BSP C	HVH 38 BSP N	78.0	72.0	39.0	38.0	3/8" BSP	27.0	34.0	32.0	650
	HVH 38 NPT C	HVH 38 NPT N					3/8" NPT				
08	HVH 12 BSP C	HVH 12 BSP N	100.0	80.0	49.0	42.0	1/2" BSP	34.0	38.0	34.0	600
	HVH 12 NPT C	HVH 12 NPT N					1/2" NPT				
12	HVH 34 BSP C	HVH 34 BSP N	123.0	95.0	61.0	55.0	3/4" BSP	41.0	50.0	46.0	500
	HVH 34 NPT C	HVH 34 NPT N					3/4" NPT				
16	HVH 1 BSP C	HVH 1 BSP N	135.0	105.0	72.0	60.0	1" BSP	50.0	55.0	50.0	450
	HVH 1 NPT C	HVH 1 NPT N					1" NPT				
20	HVH 114 BSP C	HVH 114 BSP N	172.0	128.0	86.0	80.0	1-1/4" BSP	65.0	65.0	65.0	400
	HVH 114 NPT C	HVH 114 NPT N					1-1/4" NPT				
24	HVH 112 BSP C	HVH 112 BSP N	187.0	137.0	95.0	95.0	1-1/2" BSP	75.0	80.0	80.0	320
	HVH 112 NPT C	HVH 112 NPT N					1-1/2" NPT				
32	HVH 2 BSP C	HVH 2 BSP N	205.0	148.0	110.0	125.0	2" BSP	90.0	100.0	110.0	210
	HVH 2 NPT C	HVH 2 NPT N					2" NPT				



HVS Series: High Pressure Screw Connection Coupling

Material: SS316 (Part Nbr. HVS), SS304 (Part Nbr. HVS4)

Inside Springs: SS302

Valve: Poppet Type

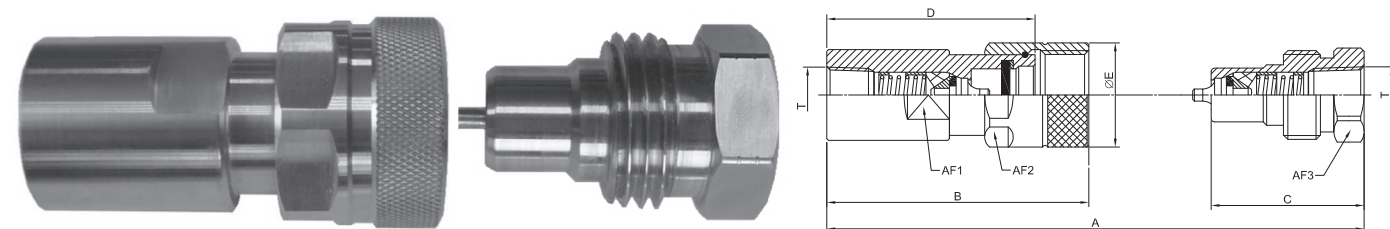
Seal: Viton

Back-Up Ring : Teflon

Working Temperature: Viton-25°C~+175°C

Interchange Standard

DNP VVVX



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	AF3 mm	Max. Working Pressure (Bar)
04	HVS 14 BSP C	HVS 14 BSP N	69.0	62.0	35.0	30.0	1/4" BSP	22.0	27.0	25.0	750
	HVS 14 NPT C	HVS 14 NPT N					1/4" NPT				
06	HVS 38 BSP C	HVS 38 BSP N	78.0	72.0	39.0	38.0	3/8" BSP	27.0	34.0	32.0	650
	HVS 38 NPT C	HVS 38 NPT N					3/8" NPT				
08	HVS 12 BSP C	HVS 12 BSP N	100.0	80.0	49.0	42.0	1/2" BSP	34.0	38.0	34.0	600
	HVS 12 NPT C	HVS 12 NPT N					1/2" NPT				
12	HVS 34 BSP C	HVS 34 BSP N	123.0	95.0	61.0	55.0	3/4" BSP	41.0	50.0	46.0	500
	HVS 34 NPT C	HVS 34 NPT N					3/4" NPT				
16	HVS 1 BSP C	HVS 1 BSP N	135.0	105.0	72.0	60.0	1" BSP	50.0	55.0	50.0	400
	HVS 1 NPT C	HVS 1 NPT N					1" NPT				
20	HVS 114 BSP C	HVS 114 BSP N	172.0	128.0	86.0	80.0	1-1/4" BSP	65.0	65.0	65.0	350
	HVS 114 NPT C	HVS 114 NPT N					1-1/4" NPT				
24	HVS 112 BSP C	HVS 112 BSP N	187.0	137.0	95.0	95.0	1-1/2" BSP	75.0	80.0	80.0	320
	HVS 112 NPT C	HVS 112 NPT N					1-1/2" NPT				
32	HVS 2 BSP C	HVS 2 BSP N	205.0	148.0	110.0	125.0	2" BSP	90.0	100.0	110.0	210
	HVS 2 NPT C	HVS 2 NPT N					2" NPT				

Note: Coupling Material SS304 (Part Nbr. HVS4) can be offered on request!

HTN Series: Multiple Purpose Coupling

Material: Steel , Trivalent Chrome Plated

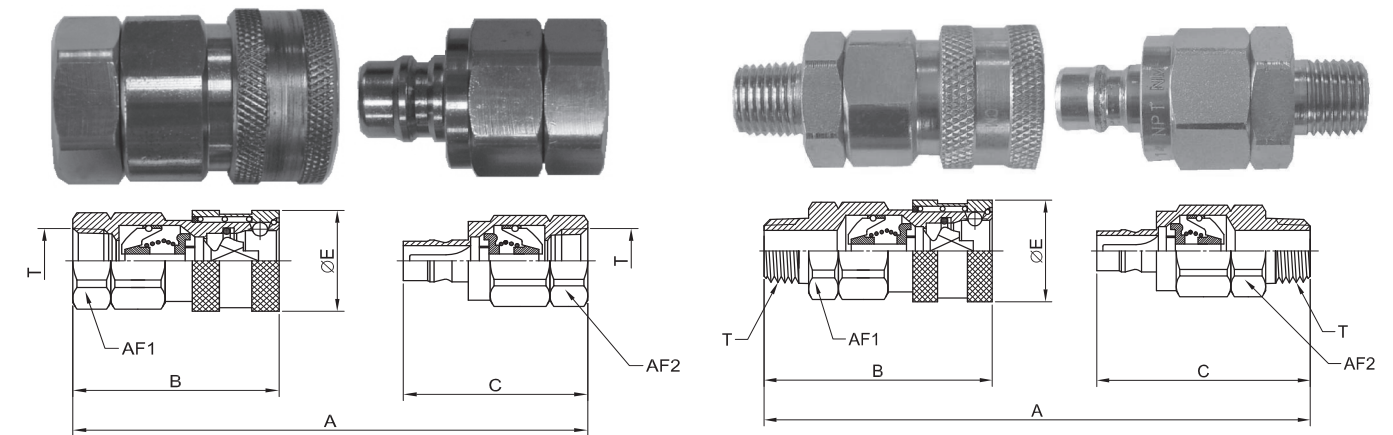
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Perfecting V Snap Tite H/1H Faster TNV



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HTN 14 BSP C	HTN 14 BSP N	70.3	44.0	41.3	24.0	1/4" BSP	22.0	22.0	140
	HTN 14 NPT C	HTN 14 NPT N					1/4" NPT			
	HTN 14-716 SAE C	HTN 14-716 SAE N	92.0	55.0	52.0		7/16"-20 SAE			
	HTN 14 NPT CM	HTN 14 NPT NM					1/4" NPT			
HTN 14-716 SAE CM	HTN 14-716 SAE NM	7/16"-20 SAE								
06	HTN 38 BSP C	HTN 38 BSP N	78.5	49.4	47.0	27.0	3/8" BSP	26.0	26.0	140
	HTN 38 NPT C	HTN 38 NPT N					3/8" NPT			
	HTN 38-916 SAE C	HTN 38-916 SAE N	98.1	58.0	57.0		9/16"-14 SAE			
	HTN 38 NPT CM	HTN 38 NPT NM					3/8" NPT			
HTN 38-916 SAE CM	HTN 38-916 SAE NM	9/16"-14 SAE								
08	HTN 12 BSP C	HTN 12 BSP N	87.3	53.5	51.0	34.0	1/2" BSP	30.0	30.0	100
	HTN 12 NPT C	HTN 12 NPT N					1/2" NPT			
	HTN 12-34 SAE C	HTN 12-34 SAE N	108.4	64.2	61.4		3/4"-16 SAE			
	HTN 12 NPT CM	HTN 12 NPT NM					1/2" NPT			
HTN 12-34 SAE CM	HTN 12-34 SAE NM	3/4"-16 SAE								
12	HTN 34 BSP C	HTN 34 BSP N	104.0	63.0	62.0	42.0	3/4" BSP	38.0	38.0	100
	HTN 34 NPT C	HTN 34 NPT N					3/4" NPT			
	HTN 34-1116 SAE C	HTN 34-1116 SAE N	134.5	78.3	77.2		1-1/16"-12 SAE			
	HTN 34 NPT CM	HTN 34 NPT NM					3/4" NPT			
HTN 34-1116 SAE CM	HTN 34-1116 SAE NM	1-1/16"-12 SAE								
16	HTN 1 BSP C	HTN 1 BSP N	112.5	68.3	66.8	50.5	1" BSP	48.0	48.0	70
	HTN 1 NPT C	HTN 1 NPT N					1" NPT			
	HTN 1-1516 SAE C	HTN 1-1516 SAE N	144.0	84.0	82.6		1-5/16"-12 SAE			
	HTN 1 NPT CM	HTN 1 NPT NM					1" NPT			
HTN 1-1516 SAE CM	HTN 1-1516 SAE NM	1-5/16"-12 SAE								
20	HTN 114 BSP C	HTN 114 BSP N	156.5	91.0	88.0	56.0	1-1/4" BSP	50.0	50.0	50
	HTN 114 NPT C	HTN 114 NPT N					1-1/4" NPT			
	HTN 114-158 SAE C	HTN 114-158 SAE N	160.5	93.0	90.0		1-5/8"-12 SAE			
	HTN 114 NPT CM	HTN 114 NPT NM					1-1/4" NPT			
HTN 114-158 SAE CM	HTN 114-158 SAE NM	1-5/8"-12 SAE								
24	HTN 112 BSP C	HTN 112 BSP N	148.2	90.0	85.6	70.0	1-1/2" BSP	64.0	64.0	50
	HTN 112 NPT C	HTN 112 NPT N					1-1/2" NPT			
	HTN 112-178 SAE C	HTN 112-178 SAE N	175.6	103.5	99.5		1-7/8"-12 SAE			
	HTN 112 NPT CM	HTN 112 NPT NM					1-1/2" NPT			
HTN 112-178 SAE CM	HTN 112-178 SAE NM	1-7/8"-12 SAE								
32	HTN 2 BSP C	HTN 2 BSP N	171.0	105.0	99.0	90.0	2" BSP	89.0	89.0	50
	HTN 2 NPT C	HTN 2 NPT N	195.0	116.5	110.5		2" NPT			
	HTN 2 NPT CM	HTN 2 NPT NM					2" NPT			

Note: Unvalved type (Part Nbr. HTNF) coupling can be offered on request !

**HTB Series: Multiple Purpose Coupling**

Material: Brass

Seal: Standard Nitrile (Buna-N) Back-Up Ring : Teflon

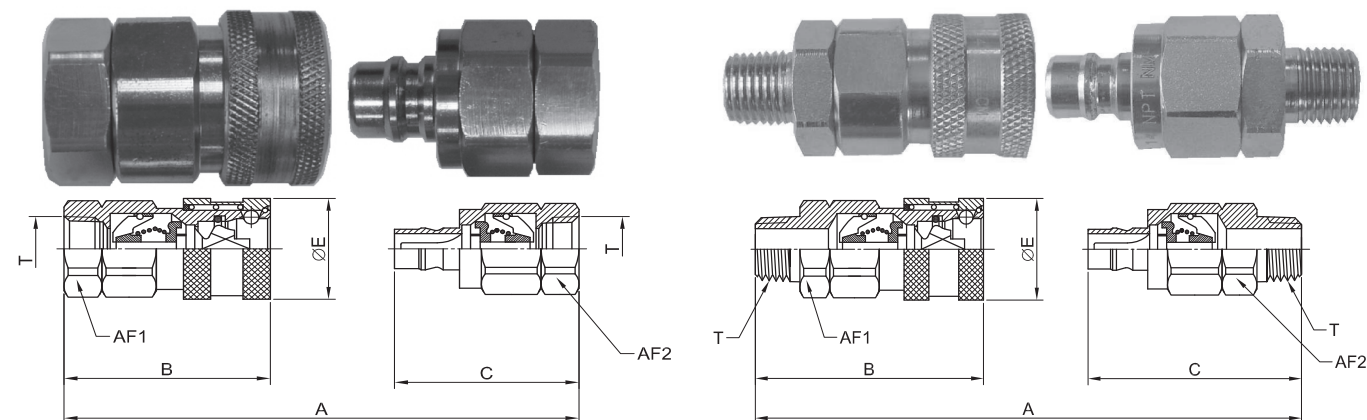
Locking Ball : SS316

Inside Springs: SS302

Working Temperature: Viton-25°C~+175°C

Interchange Standard

Perfecting V Snap Tite H/1H Faster TNV



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HTB 14 BSP C	HTB 14 BSP N	70.3	44.0	41.3	24.0	1/4" BSP	22.0	22.0	140
	HTB 14 NPT C	HTB 14 NPT N					1/4" NPT			
	HTB 14-716 SAE C	HTB 14-716 SAE N					7/16"-20 SAE			
	HTB 14 NPT CM	HTB 14 NPT NM	92.0	55.0	52.0		1/4" NPT			
	HTB 14-716 SAE CM	HTB 14-716 SAE NM					7/16"-20 SAE			
06	HTB 38 BSP C	HTB 38 BSP N	78.5	49.4	47.0	27.0	3/8" BSP	26.0	26.0	140
	HTB 38 NPT C	HTB 38 NPT N					3/8" NPT			
	HTB 38-916 SAE C	HTB 38-916 SAE N					9/16"-14 SAE			
	HTB 38 NPT CM	HTB 38 NPT NM	98.1	58.0	57.0		3/8" NPT			
	HTB 38-916 SAE CM	HTB 38-916 SAE NM					9/16"-14 SAE			
08	HTB 12 BSP C	HTB 12 BSP N	87.3	53.5	51.0	34.0	1/2" BSP	30.0	30.0	100
	HTB 12 NPT C	HTB 12 NPT N					1/2" NPT			
	HTB 12-34 SAE C	HTB 12-34 SAE N					3/4"-16 SAE			
	HTB 12 NPT CM	HTB 12 NPT NM	108.4	64.2	61.4		1/2" NPT			
	HTB 12-34 SAE CM	HTB 12-34 SAE NM					3/4"-16 SAE			
12	HTB 34 BSP C	HTB 34 BSP N	104.0	63.0	62.0	42.0	3/4" BSP	38.0	38.0	100
	HTB 34 NPT C	HTB 34 NPT N					3/4" NPT			
	HTB 34-1116 SAE C	HTB 34-1116 SAE N					1-1/16"-12 SAE			
	HTB 34 NPT CM	HTB 34 NPT NM	134.5	78.3	77.2		3/4" NPT			
	HTB 34-1116 SAE CM	HTB 34-1116 SAE NM					1-1/16"-12 SAE			
16	HTB 1 BSP C	HTB 1 BSP N	112.5	68.3	66.8	50.5	1" BSP	48.0	48.0	70
	HTB 1 NPT C	HTB 1 NPT N					1" NPT			
	HTB 1-1516 SAE C	HTB 1-1516 SAE N					1-5/16"-12 SAE			
	HTB 1 NPT CM	HTB 1 NPT NM	144.0	84.0	82.6		1" NPT			
	HTB 1-1516 SAE CM	HTB 1-1516 SAE NM					1-5/16"-12 SAE			
20	HTB 114 BSP C	HTB 114 BSP N	156.5	91.0	88.0	56.0	1-1/4" BSP	50.0	50.0	50
	HTB 114 NPT C	HTB 114 NPT N					1-1/4" NPT			
	HTB 114-158 SAE C	HTB 114-158 SAE N					1-5/8"-12 SAE			
	HTB 114 NPT CM	HTB 114 NPT NM	160.5	93.0	90.0		1-1/4" NPT			
	HTB 114-158 SAE CM	HTB 114-158 SAE NM					1-5/8"-12 SAE			
24	HTB 112 BSP C	HTB 112 BSP N	148.2	90.0	85.6	70.0	1-1/2" BSP	64.0	64.0	50
	HTB 112 NPT C	HTB 112 NPT N					1-1/2" NPT			
	HTB 112-178 SAE C	HTB 112-178 SAE N					1-7/8"-12 SAE			
	HTB 112 NPT CM	HTB 112 NPT NM	175.6	103.5	99.5		1-1/2" NPT			
	HTB 112-178 SAE CM	HTB 112-178 SAE NM					1-7/8"-12 SAE			
32	HTB 2 BSP C	HTB 2 BSP N	171.0	105.0	99.0	90.0	2" BSP	89.0	89.0	50
	HTB 2 NPT C	HTB 2 NPT N					2" NPT			
	HTB 2 NPT CM	HTB 2 NPT NM	195.0	116.5	110.5		2" NPT			

Note: Unvalved type (Part Nbr. HTBF) coupling can be offered on request !

**HTS Series: Multiple Purpose Coupling**

Material: SS316 (Part Nbr. HTS), SS304 (Part Nbr. HTS4)

Inside Springs: SS302

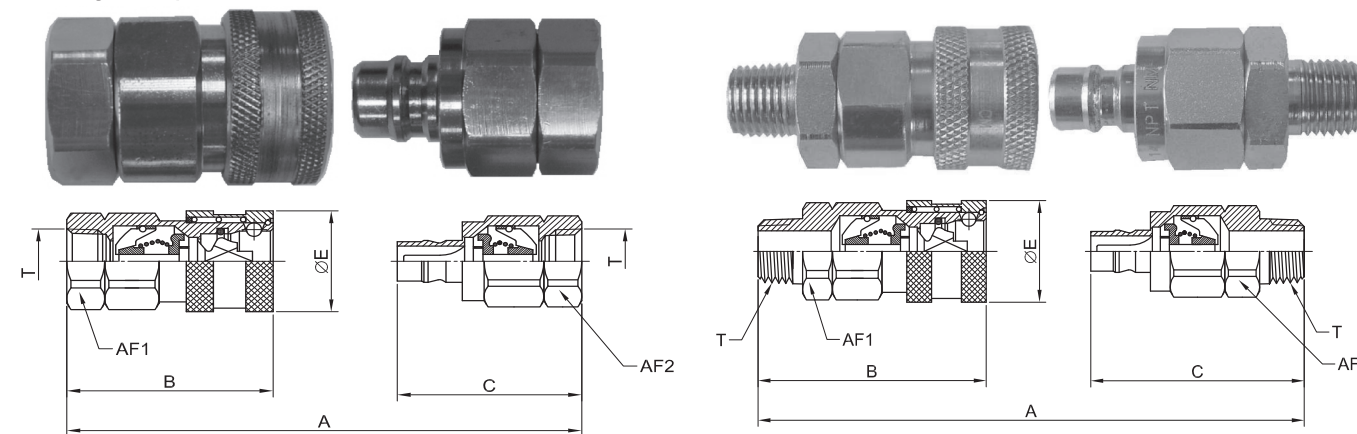
Seal: Viton

Back-Up Ring : Teflon

Working Temperature: Viton-25°C~+175°C

Interchange Standard

Perfecting V Snap Tite H/1H Faster TNV



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HTS 14 BSP C	HTS 14 BSP N	70.3	44.0	41.3	24.0	1/4" BSP	22.0	22.0	140
	HTS 14 NPT C	HTS 14 NPT N					1/4" NPT			
	HTS 14-716 SAE C	HTS 14-716 SAE N					7/16"-20 SAE			
	HTS 14 NPT CM	HTS 14 NPT NM	92.0	55.0	52.0		1/4" NPT			
	HTS 14-716 SAE CM	HTS 14-716 SAE NM					7/16"-20 SAE			
06	HTS 38 BSP C	HTS 38 BSP N	78.5	49.4	47.0	27.0	3/8" BSP	26.0	26.0	140
	HTS 38 NPT C	HTS 38 NPT N					3/8" NPT			
	HTS 38-916 SAE C	HTS 38-916 SAE N					9/16"-14 SAE			
	HTS 38 NPT CM	HTS 38 NPT NM	98.1	58.0	57.0		3/8" NPT			
	HTS 38-916 SAE CM	HTS 38-916 SAE NM					9/16"-14 SAE			
08	HTS 12 BSP C	HTS 12 BSP N	87.3	53.5	51.0	34.0	1/2" BSP	30.0	30.0	100
	HTS 12 NPT C	HTS 12 NPT N					1/2" NPT			
	HTS 12-34 SAE C	HTS 12-34 SAE N					3/4"-16 SAE			
	HTS 12 NPT CM	HTS 12 NPT NM	108.4	64.2	61.4		1/2" NPT			
	HTS 12-34 SAE CM	HTS 12-34 SAE NM					3/4"-16 SAE			
12	HTS 34 BSP C	HTS 34 BSP N	104.0	63.0	62.0	42.0	3/4" BSP	38.0	38.0	100
	HTS 34 NPT C	HTS 34 NPT N					3/4" NPT			
	HTS 34-1116 SAE C	HTS 34-1116 SAE N					1-1/16"-12 SAE			
	HTS 34 NPT CM	HTS 34 NPT NM	134.5	78.3	77.2		3/4" NPT			
	HTS 34-1116 SAE CM	HTS 34-1116 SAE NM					1-1/16"-12 SAE			
16	HTS 1 BSP C	HTS 1 BSP N	112.5	68.3	66.8	50.5	1" BSP	48.0	48.0	70
	HTS 1 NPT C	HTS 1 NPT N					1" NPT			
	HTS 1-1516 SAE C	HTS 1-1516 SAE N					1-5/16"-12 SAE			
	HTS 1 NPT CM	HTS 1 NPT NM	144.0	84.0	82.6		1" NPT			
	HTS 1-1516 SAE CM	HTS 1-1516 SAE NM					1-5/16"-12 SAE			
20	HTS 114 BSP C	HTS 114 BSP N	156.5	91.0	88.0	56.0	1-1/4" BSP	50.0	50.0	50
	HTS 114 NPT C	HTS 114 NPT N					1-1/4" NPT			
	HTS 114-158 SAE C	HTS 114-158 SAE N					1-5/8"-12 SAE			
	HTS 114 NPT CM	HTS 114 NPT NM	160.5	93.0	90.0		1-1/4" NPT			
	HTS 114-158 SAE CM	HTS 114-158 SAE NM					1-5/8"-12 SAE			
24	HTS 112 BSP C	HTS 112 BSP N	148.2	90.0	85.6	70.0	1-1/2" BSP	64.0	64.0	50
	HTS 112 NPT C	HTS 112 NPT N					1-1/2" NPT			
	HTS 112-178 SAE C	HTS 112-178 SAE N					1-7/8"-12 SAE			
	HTS 112 NPT CM	HTS 112 NPT NM	175.6	103.5	99.5		1-1/2" NPT			
	HTS 112-178 SAE CM	HTS 112-178 SAE NM					1-7/8"-12 SAE			
32	HTS 2 BSP C	HTS 2 BSP N	171.0	105.0	99.0	90.0	2" BSP	89.0	89.0	50
	HTS 2 NPT C	HTS 2 NPT N					2" NPT			
	HTS 2 NPT CM	HTS 2 NPT NM	195.0	116.5	110.5		2" NPT			

1. Coupling Material SS304 (Part Nbr. HTS4) can be offered on request!

2. Unvalved type (Part Nbr. HTSF and HTS4F) coupling can be offered on request !



HTK Series: ISO 5676 Trailer Brake System Coupling

Material: Steel , Trivalent Chrome Plated

Valve: Flat Poppet Type

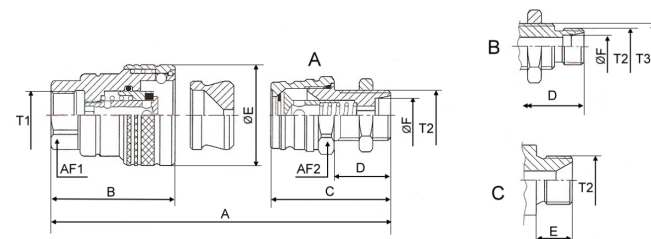
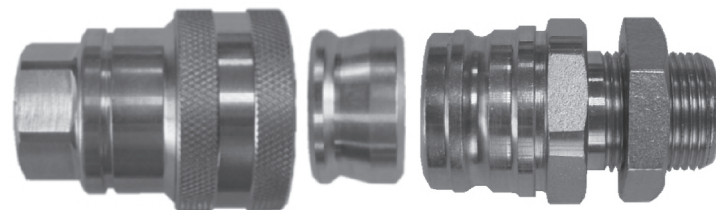
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

NFU 16-006/68 Dnp PFT



SIZE	COUPLER	B mm	ØE mm	T1	AF1 mm	Max. Working Pressure (Bar)
08	HTK 12-38 BSP C	56.0	44.0	3/8" BSP	27.0	180
	HTK 12 BSP C			1/2" BSP		
	HTK 12-1815 C			M18X1.5		

SIZE	NIPPLE(A)	A mm	C mm	D mm	ØF mm	T2	AF2 mm
08	HTK 12-1815 N	91.5	51.0	23.0	12.0	M18X1.5	32.0
	HTK 12-2015 N	91.5	51.0	23.0	13.5	M20X1.5	
	HTK 12-2215 N	91.5	51.0	23.0	15.0	M22X1.5	

SIZE	NIPPLE(B)	A mm	C mm	D mm	ØF mm	T2	T3	AF2 mm
08	HTK 12-1615 BN	93.0	52.0	24.0	10.0	M16X1.5	M20X1.5	32.0
	HTK 12-1815 BN	93.0	52.0	24.0	12.0	M18X1.5	M20X1.5	

SIZE	NIPPLE(C)	A mm	C mm	E mm	T2	AF2 mm
08	HTK 12 BSP N	88.5	48.0	15.0	1/2" BSP	32.0

HRA Series: Agricultural Machine to Attached Accessory Connection Coupling

Material: Steel , Trivalent Chrome Plated

Valve: Flat Poppet Type

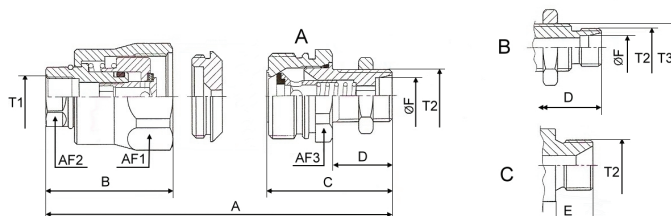
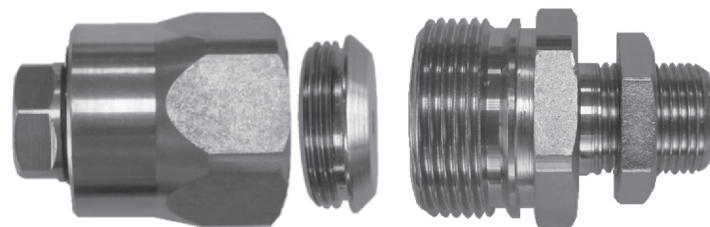
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Dnp VVT



SIZE	COUPLER	B mm	T1	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
08	HRA 12-38 BSP C	52.8	3/8" BSP	41.0	22.0	210
	HRA 12-1815 C		M18X1.5			

SIZE	NIPPLE(A)	A mm	C mm	D mm	ØF mm	T2	AF3 mm
08	HRA 12-1815 N	88.5	49.0	21.0	12.0	M18X1.5	36.0
	HRA 12-2015 N	91.3	51.5	23.5	13.5	M20X1.5	
	HRA 12-2215 N				15.0	M22X1.5	

SIZE	NIPPLE(B)	A mm	C mm	D mm	ØF mm	T2	T3	AF3 mm
08	HRA 12-1615 BN	92.0	52.5	24.5	10.0	M16X1.5	M20X1.5	36.0
	HRA 12-1815 BN	92.0	52.5	24.5	12.0	M18X1.5	M20X1.5	

SIZE	NIPPLE(C)	A mm	C mm	E mm	T2	AF3 mm
08	HRA 12 BSP N	87.5	48.0	15.5	1/2" BSP	36.0

HWG Series: Wing Nut Screw Connection Coupling

Material: Brass Body & Casting Steel Nut, Trivalent Chrome Plated

Seal: Standard Nitrile (Buna-N)

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Parker 6100

Perfecting W

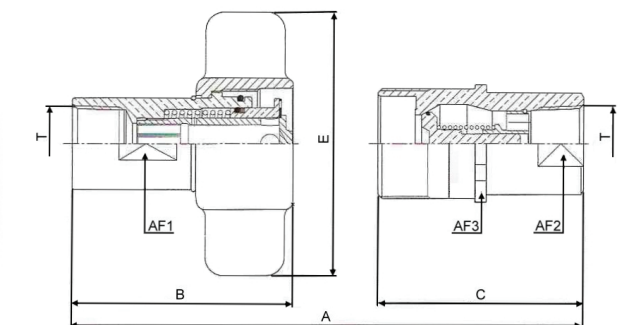
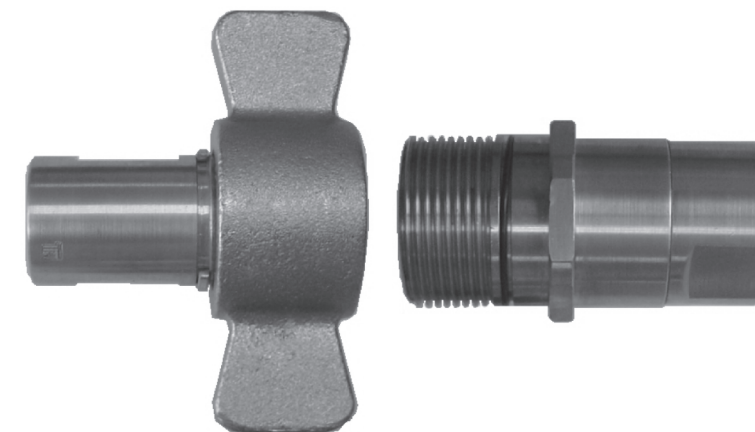
Faster FB

Safeway S51

Snap Tite 78

Tomco A51

Aeroquip 5100



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	E mm	T	AF1 mm	AF2 mm	AF3 mm	Max. Working Pressure (Bar)
12	HWG 34-12 BSP C	HWG 34-12 BSP N	133.0	78.5	79.0	103.0	1/2" BSP	30.0	33.0	41.0	200
	HWG 34-12 NPT C	HWG 34-12 NPT N					1/2" NPT				
	HWG 34 BSP C	HWG 34 BSP N					3/4" BSP				
	HWG 34 NPT C	HWG 34 NPT N					3/4" NPT				
	HWG 34-12 BSP CH	HWG 34-12 BSP N					1/2" BSP				
	HWG 34-12 NPT CH	HWG 34-12 NPT N					1/2" NPT				
	HWG 34 BSP CH	HWG 34 BSP N					3/4" BSP				
	HWG 34 NPT CH	HWG 34 NPT N					3/4" NPT				
16	HWG 1 BSP C	HWG 1 BSP N	153.0	96.0	90.0	115.5	1" BSP	37.0	40.0	48.0	200
	HWG 1 NPT C	HWG 1 NPT N					1" NPT				
	HWG 1 BSP CH	HWG 1 BSP N					1" BSP				
	HWG 1 NPT CH	HWG 1 NPT N					1" NPT				
20	HWG 114 BSP C	HWG 114 BSP N	161.0	100.0	94.0	134.5	1-1/4" BSP	45.0	48.0	54.0	180
	HWG 114 NPT C	HWG 114 NPT N					1-1/4" NPT				
	HWG 114 BSP CH	HWG 114 BSP N					1-1/4" BSP				
	HWG 114 NPT CH	HWG 114 NPT N					1-1/4" NPT				
24	HWG 112 BSP C	HWG 112 BSP N	166.0	104.0	104.5	135.5	1-1/2" BSP	51.0	56.0	64.0	160
	HWG 112 NPT C	HWG 112 NPT N					1-1/2" NPT				
	HWG 112 BSP CH	HWG 112 BSP N					1-1/2" BSP				
	HWG 112 NPT CH	HWG 112 NPT N					1-1/2" NPT				

HWE Series: Wing Nut Screw Connection Coupling European Type

Material: Steel Body & Casting Steel Nut Trivalent Chrome Plated

Valve: Poppet Type

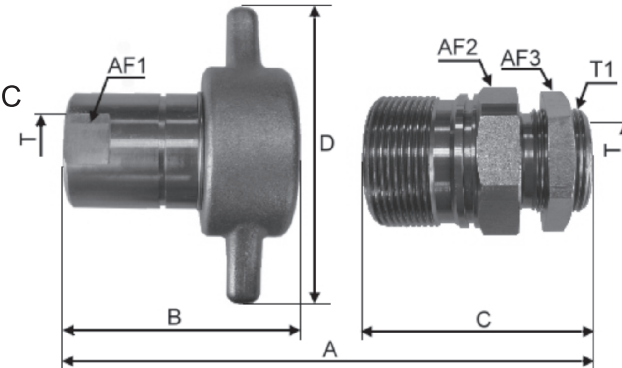
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Faster CVE



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	D mm	T	T1	AF1 mm	AF2 mm	AF3 mm	Max. Working Pressure (Bar)
12	HWE 34 NPT C	HWE 34 NPT N	128.2	78.9	75.7	115.0	3/4" NPT	1-1/4" BSP	33.0	46.0	50.0	280
	HWE 34 BSP C	HWE 34 BSP N					3/4" BSP					
16	HWE 1 NPT C	HWE 1 NPT N	145.0	88.5	83.0	115.0	1" NPT	1" BSP	40.0	55.0	60.0	280
	HWE 1 BSP C	HWE 1 BSP N					1" BSP					

HDWG Series: Heavy Duty Wing Nut Screw Connection Coupling

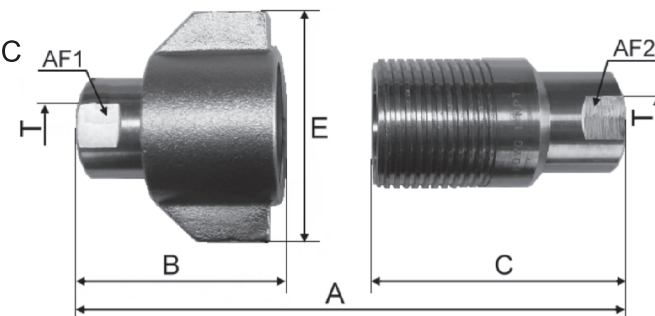
Material: Carbon Steel Body & Casting Steel Nut, Trivalent Chrome Plated

Seal: Standard Nitrile (Buna-N)

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Perfecting WS Snap Tite 75 Hydraulic Inc 5TV



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	E mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
12	HDWG 34 BSP C	HDWG 34 BSP N	124.0	70.0	83.0	82.5	3/4" BSP	32.0	32.0	350
	HDWG 34 NPT C	HDWG 34 NPT N					3/4" NPT			
16	HDWG 1 BSP C	HDWG 1 BSP N	153.5	87.0	106.0	102.0	1" BSP	42.0	42.0	350
	HDWG 1 NPT C	HDWG 1 NPT N					1" NPT			
20	HDWG 114 BSP C	HDWG 114 BSP N	198.0	109.0	136.0	119.0	1-1/4" BSP	47.0	47.0	320
	HDWG 114 NPT C	HDWG 114 NPT N					1-1/4" NPT			
24	HDWG 112 BSP C	HDWG 112 BSP N	220.0	128.5	150.5	138.0	1-1/2" BSP	57.0	57.0	320
	HDWG 112 NPT C	HDWG 112 NPT N					1-1/2" NPT			
32	HDWG 2 BSP C	HDWG 2 BSP N	255.0	152.0	179.0	170.0	2" BSP	76.0	76.0	320
	HDWG 2 NPT C	HDWG 2 NPT N					2" NPT			

HTM Series: European Type Coupling

Material: Steel , Trivalent Chrome Plated

Valve: Poppet Type

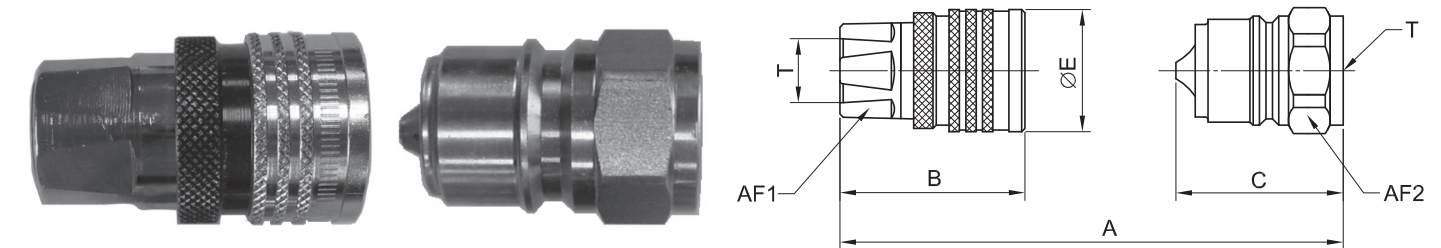
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Perfecting TR TEMA T CEJN 525



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
06	HTM 38 BSP C	HTM 38 BSP N	77.0	60.0	42.0	34.0	3/8" BSP	24.0	22.0	325
	HTM 38 NPT C	HTM 38 NPT N					3/8" NPT			
08	HTM 12 BSP C	HTM 12 BSP N	82.0	65.0	46.0	40.0	1/2" BSP	30.0	27.0	325
	HTM 12 NPT C	HTM 12 NPT N					1/2" NPT			
12	HTM 34 BSP C	HTM 34 BSP N	92.0	72.0	52.0	52.0	3/4" BSP	38.0	36.0	280
	HTM 34 NPT C	HTM 34 NPT N					3/4" NPT			
16	HTM 1 BSP C	HTM 1 BSP N	113.0	88.0	60.0	62.0	1" BSP	45.0	46.0	250
	HTM 1 NPT C	HTM 1 NPT N					1" NPT			

HTP Series: High Pressure European Type Coupling

Material: Steel , Trivalent Chrome Plated

Inside Springs: SS302

Seal: Standard Nitrile (Buna-N)

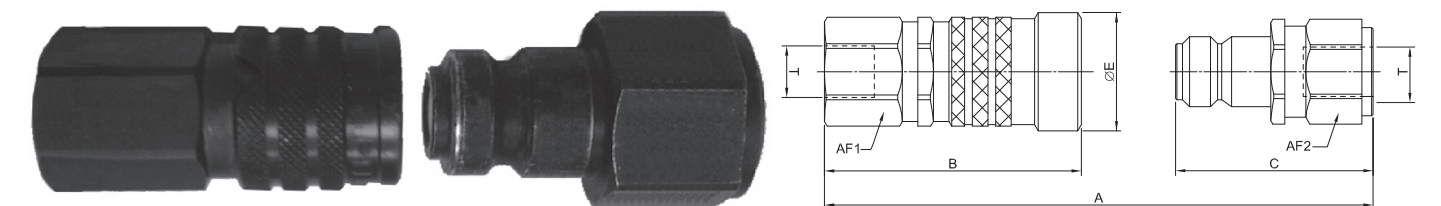
Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Locking Sleeve type

Interchange Standard

Cejin 116 HP 1500



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	HTP 14 BSP C	HTP 14 BSP N	81.0	61.5	38.0	28.0	1/4" BSP	24.0	22.0	1500
	HTP 14 NPT C	HTP 14 NPT N					1/4" NPT			
06	HTP 38 BSP C	HTP 38 BSP N	81.0	61.5	38.0	28.0	3/8" BSP	24.0	24.0	1500
	HTP 38 NPT C	HTP 38 NPT N					3/8" NPT			



HFT Series: Thread Connected Under Pressure Flush Face Coupling

Material: Steel , Trivalent Chrome Plated

Inside Spring: Steel

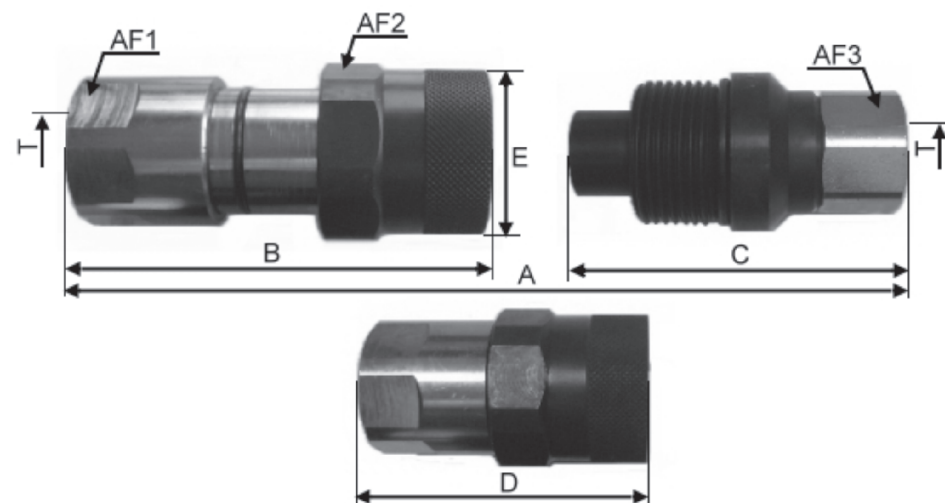
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard

Stucchi VEP



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	D mm	E mm	T	AF1 mm	AF2 mm	AF3 mm	Max. Working Pressure (Bar)
04	HFT 14 BSP C	HFT 14 BSP N	88.0	69.0	70.0	53.0	36.0	1/4" BSP	28.0	38.0	24.0	580
	HFT 14 NPT C	HFT 14 NPT N						1/4" NPT				
	HFT 14-38 BSP C	HFT 14-38 BSP N						3/8" BSP				
	HFT 14-38 NPT C	HFT 14-38 NPT N						3/8" NPT				
	HFT 14-916 SAE C	HFT 14-916 SAE N						9/16"-18 SAE				
06	HFT 38 BSP C	HFT 38 BSP N	131.0	87.0	82.0	65.0	38.0	3/8" BSP	30.0	38.0	27.0	530
	HFT 38 NPT C	HFT 38 NPT N						3/8" NPT				
	HFT 38-12 BSP C	HFT 38-12 BSP N						1/2" BSP				
	HFT 38-12 NPT C	HFT 38-12 NPT N						1/2" NPT				
	HFT 38-916 SAE C	HFT 38-916 SAE N						9/16"-18 SAE				
08	HFT 38-34 SAE C	HFT 38-34 SAE N	153.0	102.0	94.0	83.0	46.0	3/4"-16 SAE	36.0	46.0	36.0	530
	HFT 12 BSP C	HFT 12 BSP N						1/2" BSP				
	HFT 12 NPT C	HFT 12 NPT N						1/2" NPT				
	HFT 12-34 BSP C	HFT 12-34 BSP N						3/4" BSP				
	HFT 12-34 NPT C	HFT 12-34 NPT N						3/4" NPT				
12	HFT 12-34 SAE C	HFT 12-34 SAE N	164.0	113.0	98.0	86.0	50.0	3/4"-16 SAE	41.0	50.0	36.0	530
	HFT 12-78 SAE C	HFT 12-78 SAE N						7/8"-14 SAE				
	HFT 12-1116 SAE C	HFT 12-1116 SAE N						1-1/16"-12 SAE				
	HFT 34 BSP C	HFT 34 BSP N						3/4" BSP				
	HFT 34 NPT C	HFT 34 NPT N						3/4" NPT				
16	HFT 34-1 BSP C	HFT 34-1 BSP N	190.0	132.0	113.0	101.0	55.0	1" BSP	46.0	55.0	46.0	480
	HFT 34-1 NPT C	HFT 34-1 NPT N						1" NPT				
	HFT 1-114 BSP C	HFT 1-114 BSP N						1-1/4" BSP				
	HFT 1-114 NPT C	HFT 1-114 NPT N						1-1/4" NPT				
	HFT 1-1516 SAE C	HFT 1-1516 SAE N						1-5/16"-12 SAE				
20	HFT 1-158 SAE C	HFT 1-158 SAE N	205.0	142.0	123.0	105.0	65.0	1-5/8"-12 SAE	55.0	65.0	55.0	450
	HFT 114 BSP C	HFT 114 BSP N						1-1/4" BSP				
	HFT 114 NPT C	HFT 114 NPT N						1-1/4" NPT				

HWB Series: Water Blast Couplings

Material: Steel , Trivalent Chrome Plated

Valve: None

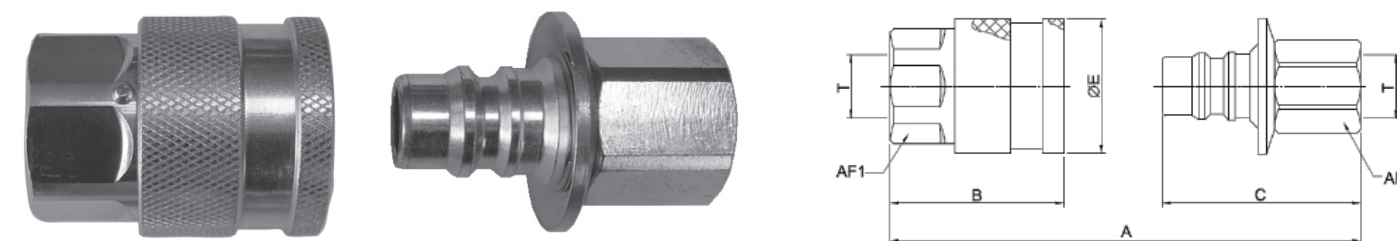
Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard BunaN-25°C~+125°C

Interchange Standard

Parker WB Aeroquip Fd69 Snap-Tite 56



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
08	HWB 12 NPT C	HWB 12 NPT N	84.5	52.5	60.0	40.5	1/2" NPT	32.0	28.5	700
	HWB 12 BSP C	HWB 12 BSP N					1/2" BSP			
	HWB 12-34 SAE C	HWB 12-34 SAE N					3/4" SAE			

HNA Series: High Flow Volume Australia & Newzealand Type Coupling

Material: Steel , Trivalent Chrome Plated

Valve: Poppet Type

Seal: Standard Nitrile (Buna-N)

Back-Up Ring : Teflon

Working Temperature: Standard Buna-N-25°C~+125°C

Interchange Standard



SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
16	HNA 1 BSP C	HNA 1 BSP N	136.4	108.0	69.0	65.0	1" BSP	46.0	44.0	250

**JTP Series: Unvalve Medium Pressure Coupling - Japan Standard**

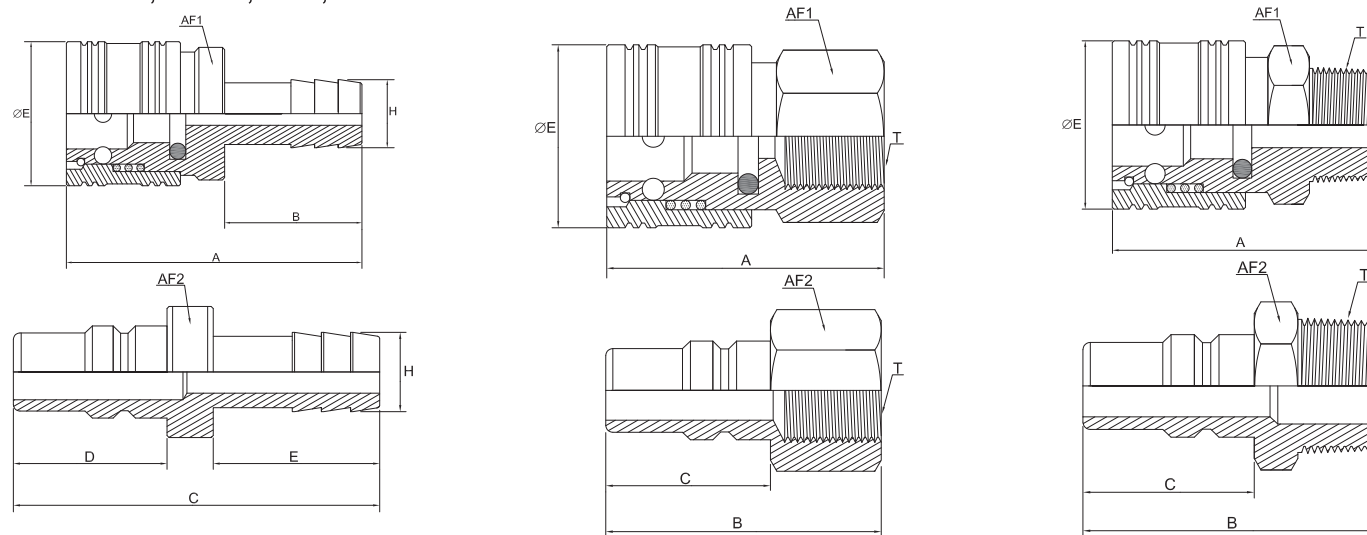
Material: Steel, Trivalent Chrome Plated

Unvalve: Free Flow Type

Seal: Nitrile: Working Temperature-20°C~+100°C

Optional Viton: Working Temperature-20°C~+180°C

Fluid: Oil, Water, Gas, Vacuum

Interchange Standard
NITTO TSP

COUPLER	NIPPLE	H mm	ØE mm	A mm	B mm	C mm	D mm	E mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTP 18 C-H	JTP 18 N-H	6.5	17.5	40.0	20.0	41.0	20.0	15.5	16	12	75
JTP 14 C-H	JTP 14 N-H	8.0	24.0	55.0	29.0	53.0	29.0	18.0	22	14	75
JTP 38 C-H	JTP 38 N-H	11.0	28.0	62.0	32.0	60.0	32.0	21.0	25	18	75
JTP 12 C-H	JTP 12 N-H	15.0	35.0	74.0	39.0	70.0	39.0	24.0	32	22	75
JTP 34 C-H	JTP 34 N-H	21.0	45.0	90.0	48.0	84.0	48.0	28.0	40	28	45
JTP 1 C-H	JTP 1 N-H	27.0	58.0	102.0	57.0	105.0	57.0	36.0	52	40	45
JTP 114 C-H	JTP 114 N-H	34.5	69.0	117.0	70.0	121.0	70.0	39.0	64	48	30
JTP 112 C-H	JTP 112 N-H	41.0	75.0	128.0	75.0	132.0	75.0	45.0	70	55	30
JTP 2 C-H	JTP 2 N-H	54.0	98.0	141.0	80.0	142.0	80.0	51.0	90	70	20

COUPLER	NIPPLE	T	ØE mm	A mm	B mm	C mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTP 18 BSPT C	JTP 18 BSPT N	1/8" BSPT	17.5	27.0	26.0	15.5	14	14	75
JTP 14 BSPT C	JTP 14 BSPT N	1/4" BSPT	24.0	32.0	34.0	18.0	19	17	75
JTP 38 BSPT C	JTP 38 BSPT N	3/8" BSPT	28.0	35.0	38.0	21.0	23	21	75
JTP 12 BSPT C	JTP 12 BSPT N	1/2" BSPT	35.0	42.0	45.0	24.0	29	29	75
JTP 34 BSPT C	JTP 34 BSPT N	3/4" BSPT	45.0	48.0	51.0	28.0	38	35	45
JTP 1 BSPT C	JTP 1 BSPT N	1" BSPT	58.0	59.0	60.0	36.0	50	41	45
JTP 114 BSPT C	JTP 114 BSPT N	1-1/4" BSPT	69.0	64.0	64.0	39.0	54	54	30
JTP 112 BSPT C	JTP 112 BSPT N	1-1/2" BSPT	75.0	71.0	75.0	45.0	58	58	30
JTP 2 BSPT C	JTP 2 BSPT N	2" BSPT	98.0	80.0	83.0	51.0	77	77	20

COUPLER	NIPPLE	T	ØE mm	A mm	B mm	C mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTS 18 BSPT C-M	JTS 18 BSPT N-M	1/8" BSPT	17.5	30.0	32.0	15.5	14	12	75
JTS 14 BSPT C-M	JTS 14 BSPT N-M	1/4" BSPT	24.0	42.0	38.0	18.0	19	17	75
JTS 38 BSPT C-M	JTS 38 BSPT N-M	3/8" BSPT	28.0	46.0	43.0	21.0	23	19	75
JTS 12 BSPT C-M	JTS 12 BSPT N-M	1/2" BSPT	35.0	56.0	52.0	24.0	29	22	75
JTS 34 BSPT C-M	JTS 34 BSPT N-M	3/4" BSPT	45.0	65.0	59.0	28.0	38	32	45
JTS 1 BSPT C-M	JTS 1 BSPT N-M	1" BSPT	58.0	76.0	73.0	36.0	50	41	45
JTS 114 BSPT C-M	JTS 114 BSPT N-M	1-1/4" BSPT	69.0	86.0	83.0	39.0	54	50	30
JTS 112 BSPT C-M	JTS 112 BSPT N-M	1-1/2" BSPT	75.0	95.0	93.0	45.0	58	54	30
JTS 2 BSPT C-M	JTS 2 BSPT N-M	2" BSPT	98.0	108.0	102.0	51.0	77	75	20

Note: BSP & NPT thread optional.

**JTB Series: Unvalve Medium Pressure Coupling - Japan Standard**

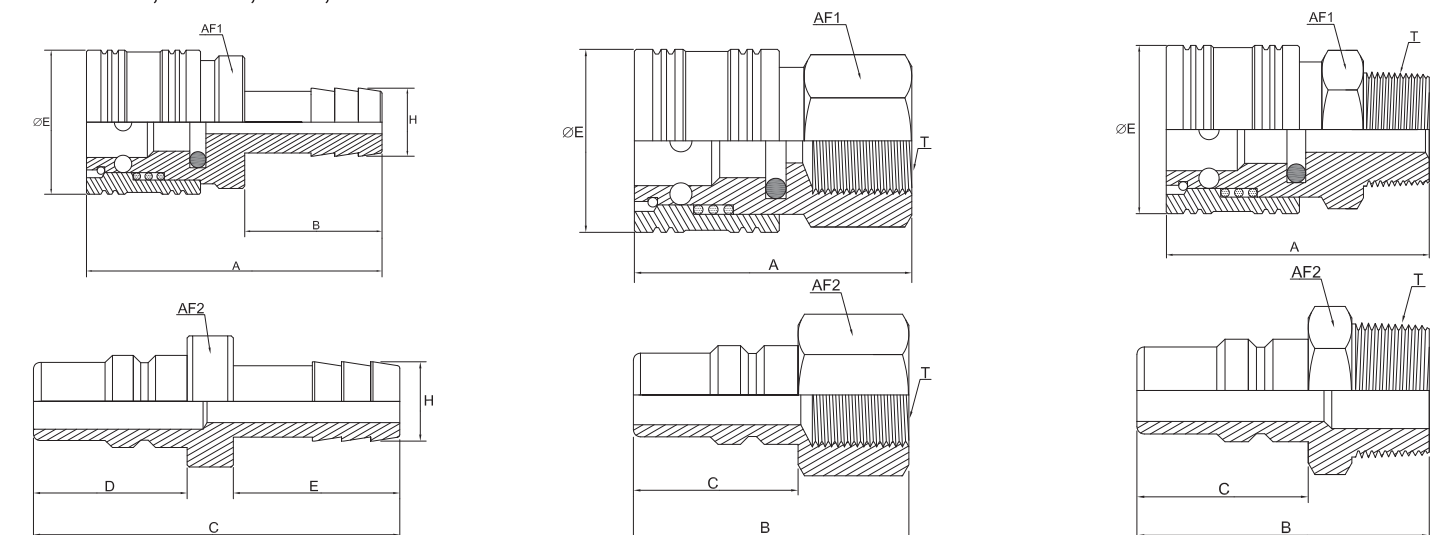
Material: Brass

Unvalve: Free Flow Type

Seal: Nitrile: Working Temperature-20°C~+100°C

Optional Viton: Working Temperature-20°C~+180°C

Fluid: Oil, Water, Gas, Vacuum

Interchange Standard
NITTO TSP

COUPLER	NIPPLE	H mm	ØE mm	A mm	B mm	C mm	D mm	E mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTB 18 C-H	JTB 18 N-H	6.5	17.5	40.0	20.0	41.0	20.0	15.5	16	12	50
JTB 14 C-H	JTB 14 N-H	8.0	24.0	55.0	29.0	53.0	29.0	18.0	22	14	50
JTB 38 C-H	JTB 38 N-H	11.0	28.0	62.0	32.0	60.0	32.0	21.0	25	18	50
JTB 12 C-H	JTB 12 N-H	15.0	35.0	74.0	39.0	70.0	39.0	24.0	32	22	50
JTB 34 C-H	JTB 34 N-H	21.0	45.0	90.0	48.0	84.0	48.0	28.0	40	28	30
JTB 1 C-H	JTB 1 N-H	27.0	58.0	102.0	57.0	105.0	57.0	36.0	52	40	30
JTB 114 C-H	JTB 114 N-H	34.5	69.0	117.0	70.0	121.0	70.0	39.0	64	48	20
JTB 112 C-H	JTB 112 N-H	41.0	75.0	128.0	75.0	132.0	75.0	45.0	70	55	20
JTB 2 C-H	JTB 2 N-H	54.0	98.0	141.0	80.0	142.0	80.0	51.0	90	70	15

COUPLER	NIPPLE	T	ØE mm	A mm	B mm	C mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTB 18 BSPT C	JTB 18 BSPT N	1/8" BSPT	17.5	27.0	26.0	15.5	14	14	50
JTB 14 BSPT C	JTB 14 BSPT N	1/4" BSPT	24.0	32.0	34.0	18.0	19	17	50
JTB 38 BSPT C	JTB 38 BSPT N	3/8" BSPT	28.0	35.0	38.0	21.0	23	21	50
JTB 12 BSPT C	JTB 12 BSPT N	1/2" BSPT	35.0	42.0	45.0	24.0	29	29	50
JTB 34 BSPT C	JTB 34 BSPT N	3/4" BSPT	45.0	48.0	51.0	28.0	38	35	30
JTB 1 BSPT C	JTB 1 BSPT N	1" BSPT	58.0	59.0	60.0	36.0	50	41	30
JTB 114 BSPT C	JTB 114 BSPT N	1-1/4" BSPT	69.0	64.0	64.0	39.0	54	54	20
JTB 112 BSPT C	JTB 112 BSPT N	1-1/2" BSPT	75.0	71.0	75.0	45.0	58	58	20
JTB 2 BSPT C	JTB 2 BSPT N	2" BSPT	98.0	80.0	83.0	51.0	77	77	15

COUPLER	NIPPLE	T	ØE mm	A mm	B mm	C mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTB 18 BSPT C-M	JTB 18 BSPT N-M	1/8" BSPT	17.5	30.0	32.0	15.5	14	12	50
JTB 14 BSPT C-M	JTB 14 BSPT N-M	1/4" BSPT	24.0	42.0	38.0	18.0	19	17	50
JTB 38 BSPT C-M	JTB 38 BSPT N-M	3/8" BSPT	28.0	46.0	43.0	21.0	23	19	50
JTB 12 BSPT C-M	JTB 12 BSPT N-M	1/2" BSPT	35.0	56.0	52.0	24.0	29	22	50
JTB 34 BSPT C-M	JTB 34 BSPT N-M	3/4" BSPT	45.0	65.0	59.0	28.0	38	32	30
JTB 1 BSPT C-M	JTB 1 BSPT N-M	1" BSPT	58.0	76.0	73.0	36.0	50	41	30
JTB 114 BSPT C-M	JTB 114 BSPT N-M	1-1/4" BSPT	69.0	86.0	83.0	39.0	54	50	20
JTB 112 BSPT C-M	JTB 112 BSPT N-M	1-1/2" BSPT	75.0	95.0	93.0	45.0	58	54	20
JTB 2 BSPT C-M	JTB 2 BSPT N-M	2" BSPT	98.0	108.0	102.0	51.0	77	75	15

Note: BSP & NPT thread optional.

**JTS Series: Unvalve Medium Pressure Coupling - Japan Standard**

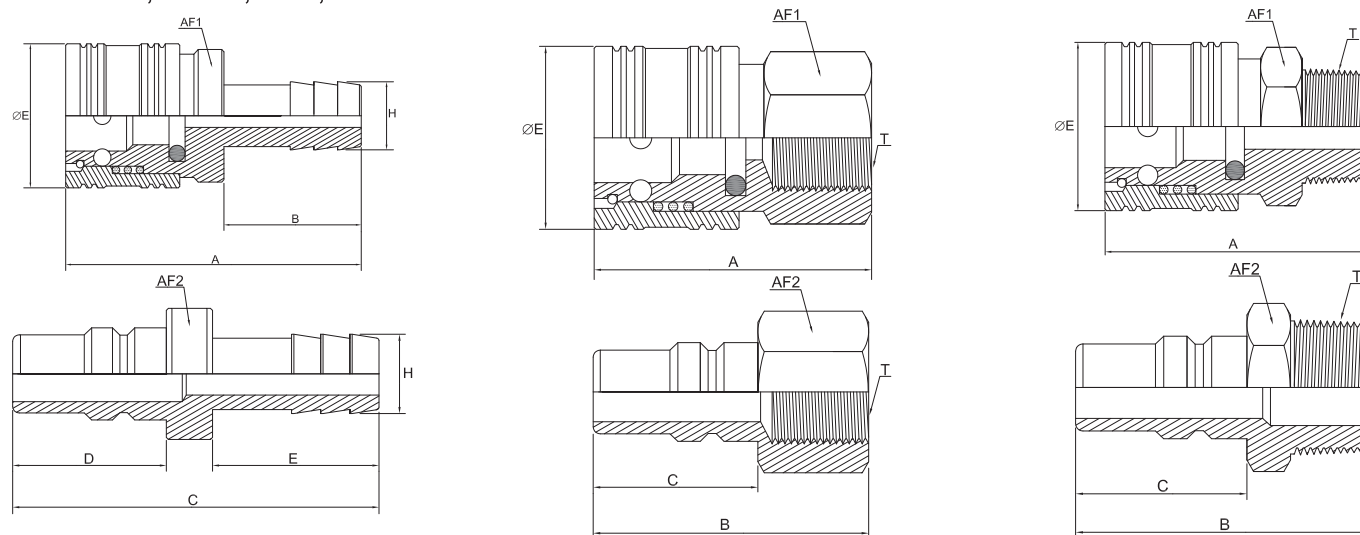
Material: SS316

Unvalve: Free Flow Type

Seal: Nitrile: Working Temperature-20°C~+100°C

Optional Viton: Working Temperature-20°C~+180°C

Fluid: Oil, Water, Gas, Vacuum

Interchange Standard
NITTO TSP

COUPLER	NIPPLE	H mm	ØE mm	A mm	B mm	C mm	D mm	E mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTS 18 C-H	JTS 18 N-H	6.5	17.5	40.0	20.0	41.0	20.0	15.5	16	12	75
JTS 14 C-H	JTS 14 N-H	8.0	24.0	55.0	29.0	53.0	29.0	18.0	22	14	75
JTS 38 C-H	JTS 38 N-H	11.0	28.0	62.0	32.0	60.0	32.0	21.0	25	18	75
JTS 12 C-H	JTS 12 N-H	15.0	35.0	74.0	39.0	70.0	39.0	24.0	32	22	75
JTS 34 C-H	JTS 34 N-H	21.0	45.0	90.0	48.0	84.0	48.0	28.0	40	28	45
JTS 1 C-H	JTS 1 N-H	27.0	58.0	102.0	57.0	105.0	57.0	36.0	52	40	45
JTS 114 C-H	JTS 114 N-H	34.5	69.0	117.0	70.0	121.0	70.0	39.0	64	48	30
JTS 112 C-H	JTS 112 N-H	41.0	75.0	128.0	75.0	132.0	75.0	45.0	70	55	30
JTS 2 C-H	JTS 2 N-H	54.0	98.0	141.0	80.0	142.0	80.0	51.0	90	70	20

COUPLER	NIPPLE	T	ØE mm	A mm	B mm	C mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTS 18 BSPT C	JTS 18 BSPT N	1/8" BSPT	17.5	27.0	26.0	15.5	14	14	75
JTS 14 BSPT C	JTS 14 BSPT N	1/4" BSPT	24.0	32.0	34.0	18.0	19	17	75
JTS 38 BSPT C	JTS 38 BSPT N	3/8" BSPT	28.0	35.0	38.0	21.0	23	21	75
JTS 12 BSPT C	JTS 12 BSPT N	1/2" BSPT	35.0	42.0	45.0	24.0	29	29	75
JTS 34 BSPT C	JTS 34 BSPT N	3/4" BSPT	45.0	48.0	51.0	28.0	38	35	45
JTS 1 BSPT C	JTS 1 BSPT N	1" BSPT	58.0	59.0	60.0	36.0	50	41	45
JTS 114 BSPT C	JTS 114 BSPT N	1-1/4" BSPT	69.0	64.0	64.0	39.0	54	54	30
JTS 112 BSPT C	JTS 112 BSPT N	1-1/2" BSPT	75.0	71.0	75.0	45.0	58	58	30
JTS 2 BSPT C	JTS 2 BSPT N	2" BSPT	98.0	80.0	83.0	51.0	77	77	20

COUPLER	NIPPLE	T	ØE mm	A mm	B mm	C mm	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
JTS 18 BSPT C-M	JTS 18 BSPT N-M	1/8" BSPT	17.5	30.0	32.0	15.5	14	12	75
JTS 14 BSPT C-M	JTS 14 BSPT N-M	1/4" BSPT	24.0	42.0	38.0	18.0	19	17	75
JTS 38 BSPT C-M	JTS 38 BSPT N-M	3/8" BSPT	28.0	46.0	43.0	21.0	23	19	75
JTS 12 BSPT C-M	JTS 12 BSPT N-M	1/2" BSPT	35.0	56.0	52.0	24.0	29	22	75
JTS 34 BSPT C-M	JTS 34 BSPT N-M	3/4" BSPT	45.0	65.0	59.0	28.0	38	32	45
JTS 1 BSPT C-M	JTS 1 BSPT N-M	1" BSPT	58.0	76.0	73.0	36.0	50	41	45
JTS 114 BSPT C-M	JTS 114 BSPT N-M	1-1/4" BSPT	69.0	86.0	83.0	39.0	54	50	30
JTS 112 BSPT C-M	JTS 112 BSPT N-M	1-1/2" BSPT	75.0	95.0	93.0	45.0	58	54	30
JTS 2 BSPT C-M	JTS 2 BSPT N-M	2" BSPT	98.0	108.0	102.0	51.0	77	75	20

Note: BSP & NPT thread optional.

**JSP Series: Medium Pressure Quick Coupling - Japan Standard**

Material: Steel, Trivalent Chrome Plated

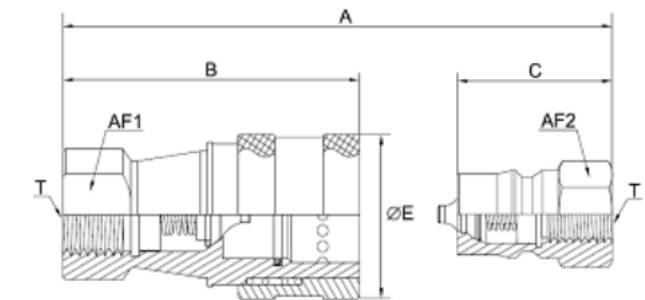
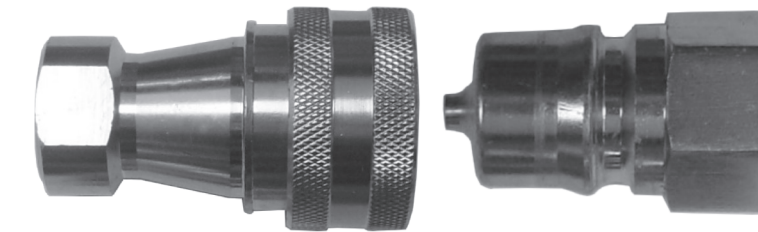
Valve: Poppet Type

Seal: Nitrile: Working Temperature-20°C~+100°C

Optional Viton: Working Temperature-20°C~+180°C

Back-Up Ring : Teflon

Fluid: Oil, Water, Gas, Vacuum

Interchange Standard
NITTO SP

SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
02	JSP 18 BSPT C	JSP 18 BSPT N	58.0	48.0	29.0	24.0	1/8" BSPT	14.0	14.0	75
04	JSP 14 BSPT C	JSP 14 BSPT N	72.0	58.0	36.0	28.0	1/4" BSPT	19.0	17.0	75
06	JSP 38 BSPT C	JSP 38 BSPT N	80.0	65.0	40.0	35.0	3/8" BSPT	21.0	21.0	75
08	JSP 12 BSPT C	JSP 12 BSPT N	88.0	72.0	44.0	45.0	1/2" BSPT	29.0	29.0	45
12	JSP 34 BSPT C	JSP 34 BSPT N	104.0	88.0	52.0	55.0	3/4" BSPT	35.0	35.0	45
16	JSP 1 BSPT C	JSP 1 BSPT N	124.0	102.0	62.0	65.0	1" BSPT	41.0	41.0	45
20	JSP 114 BSPT C	JSP 114 BSPT N	140.0	115.0	70.0	77.5	1-1/4" BSPT	54.0	54.0	30
24	JSP 112 BSPT C	JSP 112 BSPT N	150.0	124.0	75.0	87.5	1-1/2" BSPT	63.0	63.0	30
32	JSP 2 BSPT C	JSP 2 BSPT N	160.0	132.0	80.0	109.0	2" BSPT	77.0	77.0	20

Note: BSP & NPT thread optional.

JSB Series: Medium Pressure Quick Coupling - Japan Standard

Material: Brass

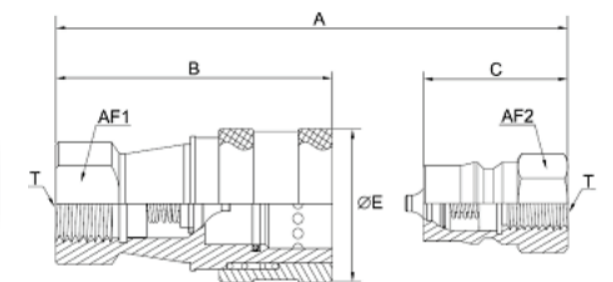
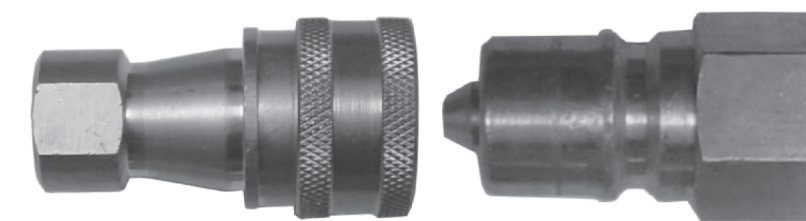
Valve: Poppet Type

Seal: Nitrile: Working Temperature-20°C~+100°C

Optional Viton: Working Temperature-20°C~+180°C

Back-Up Ring : Teflon

Fluid: Oil, Water, Gas, Vacuum

Interchange Standard
NITTO SP

SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
02	JSB 18 BSPT C	JSB 18 BSPT N	58.0	48.0	29.0	24.0	1/8" BSPT	14.0	14.0	50
04	JSB 14 BSPT C	JSB 14 BSPT N	72.0	58.0	36.0	28.0	1/4" BSPT	19.0	17.0	50
06	JSB 38 BSPT C	JSB 38 BSPT N	80.0	65.0	40.0	35.0	3/8" BSPT	21.0	21.0	50
08	JSB 12 BSPT C	JSB 12 BSPT N	88.0	72.0	44.0	45.0	1/2" BSPT	29.0	29.0	30
12	JSB 34 BSPT C	JSB 34 BSPT N	104.0	88.0	52.0	55.0	3/4" BSPT	35.0	35.0	30
16	JSB 1 BSPT C	JSB 1 BSPT N	124.0	102.0	62.0	65.0	1" BSPT	41.0	41.0	30
20	JSB 114 BSPT C	JSB 114 BSPT N	140.0	115.0	70.0	77.5	1-1/4" BSPT	54.0	54.0	20
24	JSB 112 BSPT C	JSB 112 BSPT N	150.0	124.0	75.0	87.5	1-1/2" BSPT	63.0	63.0	20
32	JSB 2 BSPT C	JSB 2 BSPT N	160.0	132.0	80.0	109.0	2" BSPT	77.0	77.0	15

Note: BSP & NPT thread optional.

**JSS Series: Medium Pressure Quick Coupling - Japan Standard**

Material: SS316

Valve: Poppet Type

Seal: Nitrile: Working Temperature -20°C~+100°C

Optional Viton: Working Temperature -20°C~+ 180°C

Back-Up Ring : Teflon Fluid: Oil, Water, Gas, Vacuum

Interchange Standard
NITTO SP

SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
02	JSS 18 BSPT C	JSS 18 BSPT N	58.0	48.0	29.0	24.0	1/8" BSPT	14.0	14.0	75
04	JSS 14 BSPT C	JSS 14 BSPT N	72.0	58.0	36.0	28.0	1/4" BSPT	19.0	17.0	75
06	JSS 38 BSPT C	JSS 38 BSPT N	80.0	65.0	40.0	35.0	3/8" BSPT	21.0	21.0	75
08	JSS 12 BSPT C	JSS 12 BSPT N	88.0	72.0	44.0	45.0	1/2" BSPT	29.0	29.0	45
12	JSS 34 BSPT C	JSS 34 BSPT N	104.0	88.0	52.0	55.0	3/4" BSPT	35.0	35.0	45
16	JSS 1 BSPT C	JSS 1 BSPT N	124.0	102.0	62.0	65.0	1" BSPT	41.0	41.0	45
20	JSS 114 BSPT C	JSS 114 BSPT N	140.0	115.0	70.0	77.5	1-1/4" BSPT	54.0	54.0	30
24	JSS 112 BSPT C	JSS 112 BSPT N	150.0	124.0	75.0	87.5	1-1/2" BSPT	63.0	63.0	30
32	JSS 2 BSPT C	JSS 2 BSPT N	160.0	132.0	80.0	109.0	2" BSPT	77.0	77.0	20

Note: BSP & NPT thread optional.

JHP Series: Hydraulic Quick Coupling - Japan Standard

Material: Steel, Trivalent Chrome Plated

Valve: Poppet Type

Seal: Nitrile

Back-Up Ring : Teflon

Working Temperature: -200C~+1000C Fluid: Oil

Interchange Standard
NITTO HSP

SIZE	COUPLER	NIPPLE	A mm	B mm	C mm	ØE mm	T	AF1 mm	AF2 mm	Max. Working Pressure (Bar)
04	JHP 14 BSPT C	JHP 14 BSPT N	63.5	49.0	32.0	27.5	1/4" BSPT	19.0	19.0	210
06	JHP 38 BSPT C	JHP 38 BSPT N	75.5	60.0	38.0	33.0	3/8" BSPT	23.0	23.0	210
08	JHP 12 BSPT C	JHP 12 BSPT N	88.5	72.0	44.0	43.0	1/2" BSPT	35.0	29.0	210
12	JHP 34 BSPT C	JHP 34 BSPT N	102.0	78.5	51.0	47.0	3/4" BSPT	35.0	35.0	210
16	JHP 1 BSPT C	JHP 1 BSPT N	118.0	93.0	61.0	58.0	1" BSPT	46.0	41.0	210
20	JHP 114 BSPT C	JHP 114 BSPT N	160.0	138.0	80.0	87.0	1-1/4" BSPT	58.0	58.0	180
24	JHP 112 BSPT C	JHP 112 BSPT N	160.0	138.0	80.0	87.0	1-1/2" BSPT	58.0	58.0	180
32	JHP 2 BSPT C	JHP 2 BSPT N	230.0	198.0	115.0	123.0	2" BSPT	80.0	90.0	140

Note: BSP & NPT thread optional.

**HA Series: ISO 7241-1A Rubber Cap & Plug**

SIZE	Cap	Plug	Material
04	HA 14 DC	HA 14 DP	Rubber
06	HA 38 DC	HA 38 DP	Rubber
08	HA 12 DC	HA 12 DP	Rubber
12	HA 34 DC	HA 34 DP	Rubber
16	HA 1 DC	HA 1 DP	Rubber

**HA Series: ISO 7241-1A Aluminum Cap & Plug**

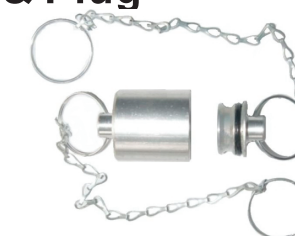
SIZE	Cap	Plug	Material
04	HA 14 ADC	HA 14 ADP	Aluminum
06	HA 38 ADC	HA 38 ADP	Aluminum
08	HA 12 ADC	HA 12 ADP	Aluminum
12	HA 34 ADC	HA 34 ADP	Aluminum
16	HA 1 ADC	HA 1 ADP	Aluminum
20	HA 114 ADC	HA 114 ADP	Aluminum
24	HA 112 ADC	HA 112 ADP	Aluminum
32	HA 2 ADC	HA 2 ADP	Aluminum

**HB Series: ISO 7241-1B Rubber Cap & Plug**

SIZE	Cap	Plug	Material
04	HB 14 DC	HB 14 DP	Rubber
06	HB 38 DC	HB 38 DP	Rubber
08	HB 12 DC	HB 12 DP	Rubber
12	HB 34 DC	HB 34 DP	Rubber
16	HB 1 DC	HB 1 DP	Rubber

**HB Series: ISO 7241-1B Aluminum Cap & Plug**

SIZE	Cap	Plug	Material
04	HB 14 ADC	HB 14 ADP	Rubber
06	HB 38 ADC	HB 38 ADP	Rubber
08	HB 12 ADC	HB 12 ADP	Rubber
12	HB 34 ADC	HB 34 ADP	Rubber
16	HB 1 ADC	HB 1 ADP	Rubber

**HF Series: ISO 16028 Flush Face Rubber Cap & Plug**

SIZE	Cap for Coupler	Cap for Nipple	Material
04	HF 14 DC	HF 14 DC	Rubber
06	HF 38 DC	HF 38 DC	Rubber
08	HF 12 DC	HF 12 DC	Rubber
10	HF 58 DC	HF 58 DC	Rubber
12	HF 34 DC	HF 34 DC	Rubber
16	HF 1 DC	HF 1 DC	Rubber





HST Series: European Screw Connection Coupling Aluminum Cap & Plug

SIZE	Cap	Plug	Material
04	HST 14 ADC	HST 14 ADP	Aluminum
06	HST 38 ADC	HST 38 ADP	Aluminum
08	HST 12 ADC	HST 12 ADP	Aluminum
12	HST 34 ADC	HST 34 ADP	Aluminum
16	HST 1 ADC	HST 1 ADP	Aluminum
20	HST 114 ADC	HST 114 ADP	Aluminum

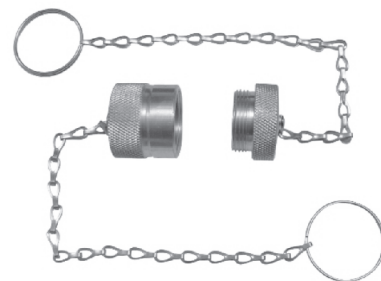


HSH Series: High Pressure Hydraulic Rams & Jack Coupling Cap & Plug

SIZE	Cap / Plug	Material
04	HSH 14 DC/DP	Rubber
06	HSH 38 DC/DP	Rubber



SIZE	Cap	Plug	Material
04	HSH 14 ADC	HSH 14 ADP	Aluminum
06	HSH 38 ADC	HSH 38 ADP	Aluminum



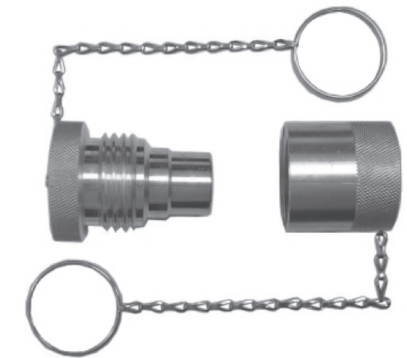
HVV Series: Screw & Ball Two Connected Function Coupling Aluminum Cap & Plug

SIZE	Cap	Plug	Material
04	HVV 14 ADC	HVV 14 ADP	Aluminum
06	HVV 38 ADC	HVV 38 ADP	Aluminum
08	HVV 12 ADC	HVV 12 ADP	Aluminum
12	HVV 34 ADC	HVV 34 ADP	Aluminum
16	HVV 1 ADC	HVV 1 ADP	Aluminum



HVH Series: High Pressure Screw Connection Coupling Aluminum Cap & Plug

SIZE	Cap	Plug	Material
04	HVH 14 ADC	HVH 14 ADP	Aluminum
06	HVH 38 ADC	HVH 38 ADP	Aluminum
08	HVH 12 ADC	HVH 12 ADP	Aluminum
12	HVH 34 ADC	HVH 34 ADP	Aluminum
16	HVH 1 ADC	HVH 1 ADP	Aluminum
20	HVH 114 ADC	HVH 114 ADP	Aluminum
24	HVH 112 ADC	HVH 112 ADP	Aluminum
32	HVH 2 ADC	HVH 2 ADP	Aluminum



HTN Series: Multiple Purpose Coupling Rubber Cap & Plug

SIZE	Cap	Plug	Material
04	HTN 14 ADC	HTN 14 ADP	Rubber
06	HTN 38 ADC	HTN 38 ADP	Rubber
08	HTN 12 ADC	HTN 12 ADP	Rubber
12	HTN 34 ADC	HTN 34 ADP	Rubber
16	HTN 1 ADC	HTN 1 ADP	Rubber
20	HTN 114 ADC	HTN 114 ADP	Rubber
24	HTN 112 ADC	HTN 112 ADP	Rubber
32	HTN 2 ADC	HTN 2 ADP	Rubber



HTK Series: Trailor Brake System Coupling Cap & Plug

SIZE	Cap (PVC)	Plug (Steel)	Material
08	HTK 12 DC	HTK 12 DP	PVC / Steel



HRA Series: Agricultural Equipment Coupling Cap & Plug

SIZE	Cap (PVC)	Plug (Steel)	Material
08	HRA 12 DC	HRA 12 DP	PVC / Steel



**HWG Series: Wing Nut Screw Connection Coupling Brass Cap & Plug**

SIZE	Cap	Plug	Material
12	HWG 34 BDC	HWG 34 BDP	Brass
16	HWG 1 BDC	HWG 1 BDP	Brass
20	HWG 114 BDC	HWG 114 BDP	Brass
24	HWG 112 BDC	HWG 112 BDP	Brass

**HDWG Series: Heavy Duty Wing Nut Screw Connection Coupling Aluminum Cap & Plug**

SIZE	Cap	Plug	Material
12	HDWG 34 ADC	HDWG 34 ADP	Aluminum
16	HDWG 1 ADC	HDWG 1 ADP	Aluminum
20	HDWG 114 ADC	HDWG 114 ADP	Aluminum
24	HDWG 112 ADC	HDWG 112 ADP	Aluminum
32	HDWG 2 ADC	HDWG 2 ADP	Aluminum

**HTM Series: European Type Coupling Rubber Cap & Plug**

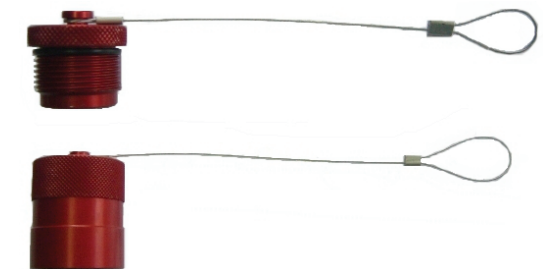
SIZE	Cap	Plug	Material
06	HTM 38 DC	HTM 38 DP	Rubber
08	HTM 12 DC	HTM 12 DP	Rubber
12	HTM 34 DC	HTM 34 DP	Rubber
16	HTM 1 DC	HTM 1 DP	Rubber

**HTP Series: High Pressure European Type Coupling Rubber Cap & Plug**

SIZE	Cap	Plug	Material
04	HTP 14 DC	HTP 14 DP	Rubber
06	HTP 38 DC	HTP 38 DP	Rubber

**HFT Series: Thread Connected Under Pressure Flush Face Aluminum Cap & Plug**

SIZE	Cap	Plug	Material
04	HFT 14 ADC	HFT 14 ADP	Aluminum
06	HFT 38 ADC	HFT 38 ADP	Aluminum
08	HFT 12 ADC	HFT 12 ADP	Aluminum
12	HFT 34 ADC	HFT 34 ADP	Aluminum
16	HFT 1 ADC	HFT 1 ADP	Aluminum
20	HFT 114 ADC	HFT 114 ADP	Aluminum

**HNA Series: High Flow Volume Australia & Newzealand Coupling Rubber Cap & Plug**

SIZE	Cap	Plug	Material
16	HNA 1 DC	HNA 1 DP	Rubber

