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HYDRAULIC QUICK COUPLERS

Reference Catalog



ISO7241-B IND PG's-2-4



IND ISO7241-A PG's 4&6



Agricultural Series PG's 6-7

We have an Interchange with most Styles/Brands



Flush Face ISO 16028 PG's 7-9



F. Face Connect under Pressure Plugs PG's 11-12



F. Face Screw Type PG 12

We have Plugs & Couplers that Connect Under Pressure



F. Face Snaptite Type 71 PG 13-14



PV Snaptite Type 23 PG 14



TNV Snaptite Type VH PG's 15-18



Wing/Hex Wet-Line PG 19



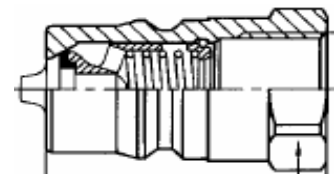
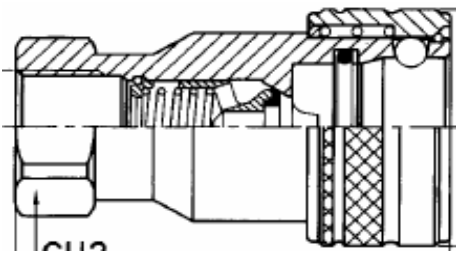
Enerpac Interchange PG 20



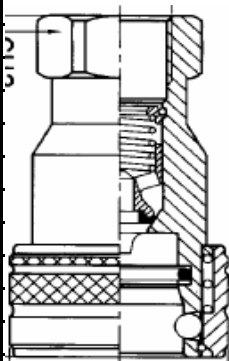
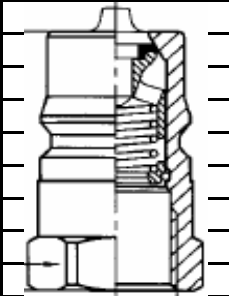
Adapters & VVP style PG 20-21

More styles and sizes available. Not everything in this catalog are stocked

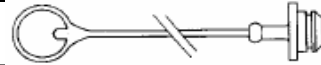
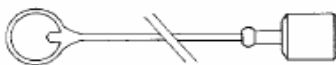
HNV SERIES "ISO/241-1 B series" INDUSTRIAL INTERCHANGE QUICK COUPLINGS



Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfection	
HNV-18-F-FNPT	1/8	Steel	H1-62	FD45-1003-2-2	S 105-1	72C2-2	1-H11	1HF1	
HNV-18-M-FNPT	1/8	Steel	H1-63	FD45-1002-2-2	S 101-1	72N2-2	1-K11	H1F1	
HNV-18-F-5-FNPT	1/8	Brass	BH1-60	FD45-1101-2-2	BS 105-1	B72C2-2		1HF1-B	
HNV-18-M-5-FNPT	1/8	Brass	BH1-61	FD45-1086-2-2	BS 101-1	B72N2-2		H1F1-B	
HNV-18-F-2-FNPT	1/8	303 SS	SH1-62		SS 105-1	S72N2-2		1HF1-S	
HNV-18-M-2-FNPT	1/8	303 SS	SH1-63		SS 101-1	S72-2-2		H1F1-S	
HNV-14-F-FNPT	1/4	Steel	H2-62	FD45-1003-4-4		72C4-4	2-H16	2HF2	
HNV-14-M-FNPT	1/4	Steel	H2-63	FD45-1002-4-4		72N4-4	2-K16	H2F2	
HNV-14-F-5-FNPT	1/4	Brass	BH2-60	FD45-1101-4-4		B72C4-4	B2-H16	2HF2-B	
HNV-14-M-5-FNPT	1/4	Brass	BH2-61	FD45-1086-4-4		B72N4-4	B2-K16	H2F2-B	
HNV-14-F-2-FNPT	1/4	303 SS	SH2-62	FD45-1005-4-4		S72C4-4	ML2-H16	2HF2-S	
HNV-14-M-2-FNPT	1/4	303 SS	SH2-63	FD45-1004-4-4		S72N4-4	ML2-K16	H2F2-S	
HNV-14-F-3-FNPT	1/4	316 SS	SSH2-62	FD45-1005-4-4				2HF2-SS	
HNV-14-M-3-FNPT	1/4	316 SS	SSH2-63	FD45-1004-4-4				H2F2-SS	
HNV-38-F-FNPT	3/8	Steel	H3-62	FD45-1003-6-6	S 105-2	72C6-6	3-H21	3HF3	
HNV-38-M-FNPT	3/8	Steel	H3-63	FD45-1002-6-6	S 105-2	72N6-6	3-K21	H3F3	
HNV-38-F-5-FNPT	3/8	Brass	BH3-60	FD45-1101-6-6	BS 105-2	B72C6-6	B3-H21	3HF3-B	
HNV-38-M-5-FNPT	3/8	Brass	BH3-61	FD45-1086-6-6	BS 101-2	B72N6-6	B3-K21	H3F3-B	
HNV-38-F-2-FNPT	3/8	303 SS	SH3-62	FD45-1005-6-6	SS 105-2	S72C6-6	ML3-H21	3HF3-S	
HNV-38-M-2-FNPT	3/8	303 SS	SHS-63	FD45-1004-6-6	SS 101-2	S72N6-6	ML3-K21	H3F3-S	
HNV-38-F-3-FNPT	3/8	316 SS						3HF3-SS	
HNV-38-M-3-FNPT	3/8	316 SS						H3F3-SS	
HNV-12-F-FNPT	1/2	Steel	H4-62	FD45-1003-08-10	S 105-3	72C8-8	4-H26	4HF4	
HNV-12-M-FNPT	1/2	Steel	H4-62	FD45-1002-08-10	S 105-3	72N8-8	4-K26	H4F4	
HNV-12-F-5-FNPT	1/2	Brass	BH4-60	FD45-1101-08-10	BS 105-3	B72C8-8	B4-H26	4HF4-B	
HNV-12-M-5-FNPT	1/2	Brass	BH4-61	FD45-1086-08-10	BS 101-3	B72N8-8	B4-K26	H4F4-B	
HNV-12-F-2-FNPT	1/2	303 SS	SH4-62	FD45-1005-08-10	SS 105-3	S72N8-8	ML4-H26	4HF4-S	
HNV-12-M-2-FNPT	1/2	303 SS	SH4-63	FD45-1004-08-10	SS 101-3	S72N8-8	ML4-K26	H4F4-S	
HNV-12-F-3-FNPT	1/2	316 SS						4HF4-SS	
HNV-12-M-3-FNPT	1/2	316 SS						H4F4-SS	
HNV-34-F-FNPT	3/4	Steel	H6-62	FD45-1003-12-12	S 105-4	72C12-12	6-HP31	6HF6	
HNV-34-M-FNPT	3/4	Steel	H6-63	FD45-1002-12-12	S 105-4	72N12-12	6-KP31	H6F6	
HNV-34-F-5-FNPT	3/4	Brass	BH6-60	FD45-1101-12-12	BS 105-4	B72C12-12	B6-HP31	6HF6-B	
HNV-34-M-5-FNPT	3/4	Brass	BH6-61	FD45-1086-12-12	BS 101-4	B72N12-12	B6-KP31	H6F6-B	
HNV-34-F-2-FNPT	3/4	303 SS	SH6-62	FD45-1005-12-12	SS 105-4	S72C12-12	ML6-HP31	6HF6-S	
HNV-34-M-2-FNPT	3/4	303 SS	SH6-62	FD45-1004-12-12	SS 101-4	S72N12-12	ML6-KP31	H6F6-S	
HNV-1-F-FNPT	1	Steel	H8-62	FD45-1003-16-16	S 105-5	72C16-16	8-HP36	8HF8	
HNV-1-M-FNPT	1	Steel	H8-63	FD45-1002-16-16	S 105-5	72N16-16	8-KP36	H8F8	
HNV-1-F-5-FNPT	1	Brass	BH8-60	FD45-1101-16-16	BS 105-5	B72C16-16	B8-HP36	8HF8-B	
HNV-1-M-5-FNPT	1	Brass	BH8-61	FD45-1086-16-16	BS 101-5	B72N16-16	B8-KP36	H8F8-B	
HNV-1-F-2-FNPT	1	303 SS	SH8-62	FD45-1005-16-16	SS 105-5	S72C16-16	ML8-HP36	8HF8-S	

Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfectioning	
HNV-1-M-2-FNPT	1	303 SS	SH8-63	FD45-1004-16-10	SS 101-5	S72N16-16	ML8-KP36	H8F8-S	
HNV-1-F-3-FNPT	1	316 SS						8HF8-SS	
HNV-1-M-3-FNPT	1	316 SS						H8F8-SS	
HNV-114-F-FNPT	1 1/4	Steel				72C20-20		10HF10	
HNV-114-M-FNPT	1 1/4	Steel				72N20-20		H10F10	
HNV-114-F-5-FNPT	1 1/4	Brass		FD45-1101-20-20		B72C20-20		10HF10-B	
HNV-114-M-5-FNPT	1 1/4	Brass		FD45-1086-20-20		B72N20-20		H10F10-B	
HNV-114-F-2-FNPT	1 1/4	303 SS				S72C20-20		10HF10-S	
HNV-114-M-2-FNPT	1 1/4	303 SS				S72N20-20		H10F10-S	
HNV-114-F-3-FNPT	1 1/4	316 SS						10HF10-SS	
HNV-114-M-3-FNPT	1 1/4	316 SS						H10F10-SS	
HNV-112-F-FNPT	1 1/2	Steel	H12-62N			72C24-24		12HF12	
HNV-112-M-FNPT	1 1/2	Steel	H12-63-N			72N24-24		H12F12	
HNV-112-F-5-FNPT	1 1/2	Brass	BH12-60N			B72C24-24		12HF12-B	
HNV-112-M-5-FNPT	1 1/2	Brass	BH12-61N			B72N24-24		H12F12-B	
HNV-112-F-2-FNPT	1 1/2	303 SS	SH12-62N			S72C24-24		12HF12-S	
HNV-112-M-2-FNPT	1 1/2	303 SS	SH12-63N			S72N24-24		H12F12-S	
HNV-112-F-3-FNPT	1 1/2	316 SS						12HF12-SS	
HNV-112-M-3-FNPT	1 1/2	316 SS						H12F12-SS	
HNV-2-F-FNPT	2	Steel	H2016-62			72C32-32			
HNV-2-M-FNPT	2	Steel	H2016-63			72N32-32			
HNV-212-F-FNPT	2 1/2	Steel	H2020-62			72C40-40			
HNV-212-M-FNPT	2 1/2	Steel	H2020-63			72N40-40			
HNV-3-F-FNPT	3	Steel	H2024-62			72C48-48			
HNV-3-M-FNPT	3	Steel	H2024-63			72N48-48			
HNV Technical Data	Nom. size	Material	Working PSI	Rated Flow	Min. Burst Plug	Min. Burst Coupler	Min Burst Connect	Fluid Spillage	
	1/8	Steel	5,000 PSI	2.0 GPM	23,200 PSI	25,300 PSI	23,200PSI	.05cc	
	1/8	Brass	3,000 PSI	2.0 GPM	12,200 PSI	15,500 PSI	14,400PSI	.05cc	
	1/8	316-SS	5,000 PSI	2.0 GPM	18,000 PSI	29,300 PSI	19,000PSI	.05cc	
	1/4	Steel	5,000 PSI	4.2 GPM	21,460 PSI	21,460 PSI	20,880PSI	1.0cc	
	1/4	Brass	2,700 PSI	4.2 GPM	11,890 PSI	11,890 PSI	13,630PSI	1.0cc	
	1/4	316-SS	3,700 PSI	4.2 GPM	17,400 PSI	17,400 PSI	17,400PSI	1.0cc	
	3/8	Steel	4,500 PSI	8.0 GPM	18,850 PSI	18,850 PSI	19,430PSI	2.4cc	
	3/8	Brass	2,200 PSI	8.0 GPM	11,600 PSI	11,600 PSI	14,210PSI	2.4cc	
	3/8	316-SS	3,700 PSI	8.0 GPM	15,950 PSI	15,950 PSI	16,675PSI	2.4cc	
	1/2	Steel	3,750 PSI	11.0 GPM	15,370 PSI	15,370 PSI	15,370PSI	3.9cc	
	1/2	Brass	2,250 PSI	11.0 GPM	11,890 PSI	11,890 PSI	13,920PSI	3.9cc	
	1/2	316-SS	4,250 PSI	11.0 GPM	14,500 PSI	14,500 PSI	14,210PSI	3.9cc	
	3/4	Steel	3,000 PSI	24.0 GPM	15,850 PSI	15,950 PSI	15,660PSI	11.0cc	
	3/4	Brass	2,000 PSI	24.0 GPM	8,700 PSI	8,700 PSI	12,470PSI	11.0cc	
	3/4	316-SS	3,050 PSI	24.0 GPM	14,500 PSI	14,500 PSI	15,225PSI	11.0cc	
	1	Steel	3,000 PSI	25.0 GPM	15,950 PSI	15,950 PSI	15,660PSI	11.0cc	
	1	Brass	1,500 PSI	25.0 GPM	8,700 PSI	8,700 PSI	12,470PSI	11.0cc	
	1	316-SS	2,500 PSI	25.0 GPM	14,500 PSI	14,500 PSI	15,225PSI	11.0cc	
	1 1/4	Steel	1,750 PSI	30.0 GPM	13,050 PSI	13,050 PSI	13,050PSI	19.0cc	
	1 1/4	Brass	1,200 PSI	30.0 GPM	11,092 PSI	11,092 PSI	10,510PSI	19.0cc	
	1 1/4	316-SS	1,700 PSI	30.0 GPM	11,600 PSI	11,600 PSI	11,600PSI	19.0cc	
	1 1/2	Steel	1,750 PSI	135.0 GPM	6,815 PSI	6,815 PSI	6,815PSI	95.0cc	
	1 1/2	Brass	1,500 PSI	135.0 GPM	6,525 PSI	5,800 PSI	6,525PSI	95.0cc	
	1 1/2	316-SS	2,200 PSI	135.0 GPM	6,815 PSI	6,525 PSI	6,815PSI	95.0cc	
	2	Steel	1,500 PSI	259.0 GPM	5,800 PSI	5,800 PSI	5,800PSI	170.0cc	
	2	Brass	700 PSI	259.0 GPM	4,495 PSI	4,495 PSI	5,075PSI	170.0cc	
	2	316-SS	1,500 PSI	259.0 GPM	5,365 PSI	5,365 PSI	5,800PSI	170.0cc	
	2 1/2	Steel	1,500 PSI	259.0 GPM	5,800 PSI	5,800 PSI	5,800PSI	170.0cc	
	2 1/2	Brass	700	259.0 GPM	4,495 PSI	4,495 PSI	5,075PSI	170.0cc	

Santoprene Dust Protector for Plug for HNV's	Santoprene Dust Protector for Coupler for HNV's
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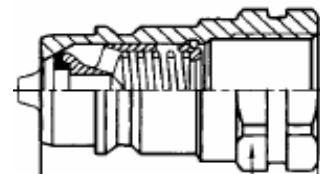
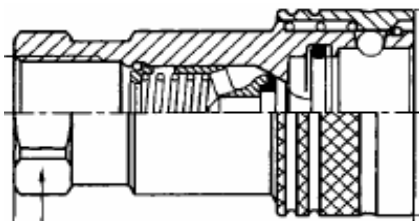


Part Number	Nom. size	Material	Dir Net	Part Number	Nom. size	Material
TFH-18 (BLUE)	1/8	Santo	\$1.90	TMH-18 (BLUE)	1/8	Santoprene
TFH-14 (BLUE)	1/4	Santo	\$1.90	TMH-14 (BLUE)	1/4	Santoprene
TFH-38 (BLUE)	3/8	Santo	\$1.90	TMH-38 (BLUE)	3/8	Santoprene
TFH-12 (BLUE)	1/2	Santo	\$1.90	TMH-12 (BLUE)	1/2	Santoprene
TFH-34 (BLUE)	3/4	Santo	\$5.75	TMH-34 (BLUE)	3/4	Santoprene
TFH-1 (BLUE)	1	Santo	\$6.00	TMH-1 (BLUE)	1	Santoprene

Aluminum Dust Protector for Plug for HNV's	Aluminum Dust Protector for Coupler for HNV's
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Part Number	Nom. size	Material	Dir Net	Part Number	Nom. size	Material
TFH-14-A	1/4	Alum	\$9.00	TMH-14-A	1/4	Aluminum
TFH-38-A	3/8	Alum	\$9.90	TMH-38-A	3/8	Aluminum
TFH-12-A	1/2	Alum	\$11.46	TMH-12-A	1/2	Aluminum
TFH-34-A	3/4	Alum	\$11.46	TMH-34-A	3/4	Aluminum
TFH-1-A	1	Alum	\$39.60	TMH-1-A	1	Aluminum
TFH-112-A	1 1/2	Alum	\$36.71	TMH-112-A	1 1/2	Aluminum

ANV SERIES "ISO 7241-1 A series" INTERCHANGE QUICK COUPLINGS

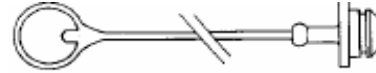
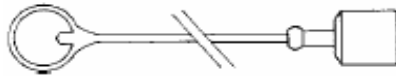


Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
ANV-14-F-FNPT	1/4	Steel	6601-4-4	5601-4-4S	S 565-2	61C4-4F		2KF2
ANV-14-M-FNPT	1/4	Steel	6602-4-4	5602-4-4S	S 561-2	61N4-4F		K2F2
ANV-38-F-FNPT	3/8	Steel	6601-6-6	5601-6-6S	S 565-3	61C6-6F		3KF3
ANV-38-M-FNPT	3/8	Steel	6602-6-6	5602-6-6S	S 561-3	61N6-6F		K3F3
ANV-38-F-6FORB	3/8	Steel	6608-6-6	5608-6-6S	S 565-3-6	61C6-6EF		3KOF3
ANV-38-M-6FORB	3/8	Steel	6610-6-6	5610-6-6S	S 561-3-6	61N6-6EF		K3OF3
NV-12-F-FNPT	1/2	Steel	6601-8-10	5601-8-8S	S 565-4	61C8-8F		4KF4
2NV-12-M-FNPT	1/2	Steel	6602-8-10	5602-8-8S	S 561-4	61N8-8F		K4F4
NV-12-F-8FORB	1/2	Steel	6608-8-10	5608-8-8S	S 565-4-8	61C8-8EF		4KOF4
2NV-12-M-8FORB	1/2	Steel	6610-8-10	5610-8-8S	S 561-4-8	61N8-8EF		K4OF4
NV-12-F-10FORB	1/2	Steel						
2NV-12-M-10FORB	1/2	Steel						
ANV-34-F-FNPT	3/4	Steel	6601-12-12	5601-12-12S	S 565-6	61C12-12F		6KF6
ANV-34-M-FNPT	3/4	Steel	6602-12-12	5602-12-12S	S 561-6	61N12-12F		K6F6
ANV-34-F-12FORB	3/4	Steel	6608-12-12	5608-12-12S	S 565-6-12	61C12-12EF		6KOF6
ANV-34-M-12FORB	3/4	Steel	6610-12-12	5610-12-12S	S 561-6-12	61N12-12EF		K6OF6
ANV-1-F-FNPT	1	Steel	6601-16-16	5601-16-16S	S 565-8	61C16-16F		8KF8
ANV-1-M-FNPT	1	Steel	6602-16-16	5602-16-16S	S 561-8	61N16-16F		K8F8
ANV-1-F-16FORB	1	Steel	6608-16-16	5608-16-16S	S 565-8-16	61C16-16EF		8KOF8
ANV-1-M-16FORB	1	Steel	6610-16-16	5610-16-16S	S 561-8-16	61N16-16EF		K8OF8
ANV-114-F-FNPT	1 1/4	Steel						10KF10
ANV-114-M-FNPT	1 1/4	Steel						K10F10
ANV-112-F-FNPT	1 1/2	Steel						12KF12
ANV-112-M-FNPT	1 1/2	Steel						K12F12
ANV-2-F-FNPT	2	Steel						16KF16
ANV-2-M-FNPT	2	Steel						K16F16

ANV Technical Data	Nom. size	Material	Working PSI	Rated Flow	Min. Burst Plug	Min. Burst Coupler	Min Burst Connect	Fluid Spillage
	1/4	Steel	5,500 PSI	2.5 GPM	20,155 PSI	27,260 PSI	18,850PSI	0.5 cc
	3/8	Steel	5,000 PSI	6.6 GPM	18,125 PSI	22,185 PSI	17,400PSI	1.9cc
	1/2	Steel	3,625 PSI	11.3 GPM	15,370 PSI	18,850 PSI	16,820PSI	2.7 cc
	3/4	Steel	3,625 PSI	24.5 GPM	17,400 PSI	18,705 PSI	15,080PSI	9.3 cc
	1	Steel	3,625 PSI	29.7 GPM	14,500 PSI	16,820 PSI	14,500PSI	16.0 cc
	1 1/4	Steel	3,625 PSI	51.6 GPM	14,790 PSI	14,500 PSI	14,500PSI	30.0 cc
	1 1/2	Steel	2,900 PSI	88.4 GPM	12,035 PSI	11,600 PSI	11,600PSI	34.0 cc
	2	Steel	2,755 PSI	141.0 GPM	11,020 PSI	14,500 PSI	12,325PSI	120.0 cc

Polyethylene Dust Protector for Plug for ANV's

Polyethylene Dust Protector for Coupler for ANV's

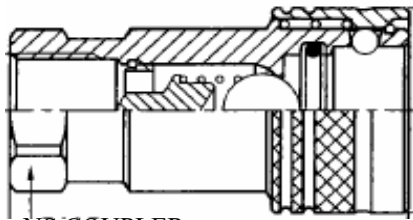


Polyethylene Dust Protector for Plug for ANV's

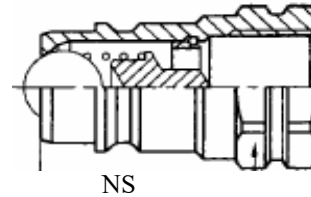
Polyethylene Dust Protector for Coupler for ANV's

Part Number	Nom. size	Material	Dir Net	Part Number	Nom. size	Material
TFA-14 (RED)	1/4	Polyet	\$1.78	TMA-14 (RED)	1/4	Polyethylene
TFA-38 (RED)	3/8	Polyet	\$1.98	TMA-38 (RED)	3/8	Polyethylene
TFA-12 (RED)	1/2	Polyet	\$1.78	TMA-12 (RED)	1/2	Polyethylene
TFA-34 (RED)	3/4	Polyet	\$2.98	TMA-34 (RED)	3/4	Polyethylene
TFA-1 (RED)	1	Polyet	\$3.75	TMA-1 (RED)	1	Polyethylene

NV SERIES AGRICULTURAL INTERCHAGE QUICK COUPLINGS-Ball Type

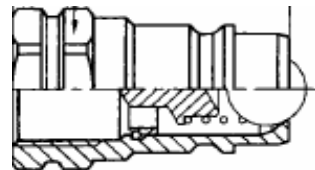


NS COUPLER

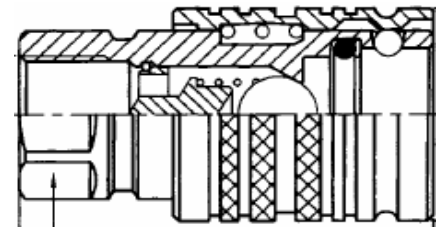


NS

Note! NS (ball) series and NV (Poppet) series are compatible



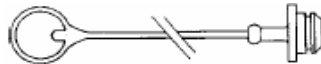
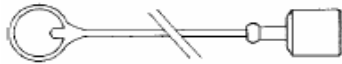
2NS PLUG Connects under pressure



PS COUPLER W/Double acting sleeve (Push-

Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
NS-14-F-FNPT	1/4	Steel	4050-2		S25A-2	21C4-4F		2AGF2
NS-14-M-FNPT	1/4	Steel	4010-2		S41-2	21C4-4M		AG2F2
NS-38-F-FNPT	3/8	Steel	4050-3		S45-3	21C6-6F		3AGF3
NS-38-M-FNPT	3/8	Steel	4010-3		S41-3	21C6-6M		AG3F3
NS-12-F-FNPT	1/2	Steel	4050-4		S25-4	61C8-8F		4AGF4
2NS-12-M-FNPT	1/2	Steel	8010-4		S71-4	61N8-8M		AG4F4
PS-12-F-FNPT	1/2	Steel	4250-4		S45-4	61OC8-8M		4AGF4-PS
NSP-34-F-FNPT	3/4	Steel	4150-5		S25F-6			6AGF6
NSP-34-M-FNPT	3/4	Steel	4110-5		S21F-6			AG6F6
Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
NS-34-F-FNPT	3/4	Steel						
NS-34-M-FNPT	3/4	Steel						

NS Technical Data	Nom. size	Material	Working PSI	Rated Flow	Min. Burst Plug	Min. Burst Coupler	Min Burst Connect	Fluid Spillage
	1/4	Steel	5,075 PSI	2.7 GPM	17,545 PSI	22,330 PSI	22,765PSI	1.0 cc
	3/8	Steel	3,625 PSI	5.5 GPM	14,780 PSI	14,140 PSI	22,330PSI	2.4 cc
	1/2	Steel	3,045 PSI	7.9 GPM	12,200 PSI	12,325 PSI	18,560PSI	2.7 cc
	3/4	Steel	3,625 PSI	15.3 GPM	14,355 PSI	16,820 PSI	19,430PSI	8.6 cc

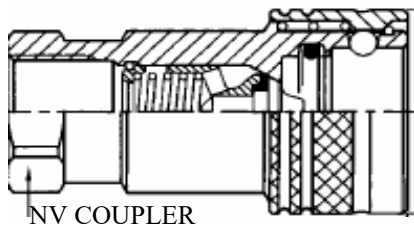


PVC Dust Protector for Plug for NS's

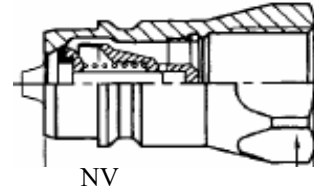
PVC Dust Protector for Coupler for NS's

Part Number	Nom. size	Material	Dir Net	Part Number	Nom. size	Material
TF-14 (RED)	1/4	Polyet	\$1.55	TMA-14 (RED)	1/4	Polyethylene
TF-38 (RED)	3/8	Polyet	\$1.55	TMA-38 (RED)	3/8	Polyethylene
TF-12 (RED)	1/2	Polyet	\$1.55	TM-12 (RED)	1/2	Polyethylene

NV SERIES AGRICULTURAL INTERCHANGE QUICK COUPLINGS-Poppet Type

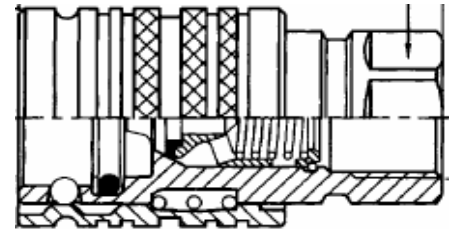


NV COUPLER



NV


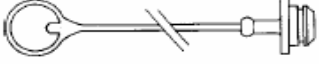
Note! NS (ball) series and NV (Poppet) series are compatible



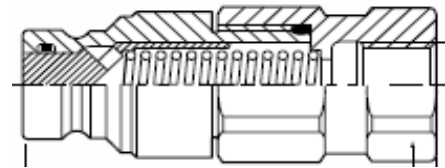
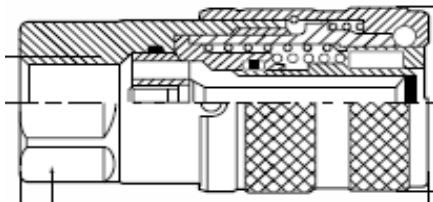
PV COUPLER W/Double acting sleeve (Push-

2NV PLUG Connects under pressure

Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
NV-14-F-FNPT	1/4	Steel	4050-2P	FD42-1001-04-04	S25A-2P	60C4-4F		2AGF2-PV
NV-14-M-FNPT	1/4	Steel	4010-2P	FD42-1002-04-04	S41-2P	60N4-4F		AG2F2-PV
NV-38-F-FNPT	3/8	Steel	4050-3P		S25-3P	60C6-6F		3AGF3-PV
NV-38-M-FNPT	3/8	Steel	4010-3P		S21-3P	60N6-6F		AG3F3-PV
NV-12-F-FNPT	1/2	Steel	4050-4P	5601-8-10S	S25-4P			
2NV-12-M-FNPT								
NV-12-F-8FORB								
2NV-12-M-8FORB	1/2	Steel	8010-15P	5610-8-10S	S71-15P			
NV-12-F-10FORB	1/2	Steel	4050-16P					
NV-12-M-10FORB	1/2	Steel	8010-16P					
PV-12-F-FNPT	1/2	Steel	4250-4P	FD72-1001-08-10	S45-4P			4AGF4-PV-PS
2NV-12-M-FNPT	1/2	Steel	8010-4P	FD76-1002-08-10	S71-4P			
Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
PV-12-F-34FNPT	1/2	Steel	4050-5P	5601-12-10S				4AGF6-PV
NV-12-M-34FNPT	1/2	Steel	8010-5P	5602-12-10S				AG4F6-PV
PV-12-F-8FORB	1/2	Steel	4250-15P					4AGOF4-PV-PS
2NV-12-M-8FORB	1/2	Steel	8010-15P					AG40F4-PV
NV-34-F-FNPT	3/4	Steel						6AGF6-PV-PS
NV-34-M-FNPT	3/4	Steel						AG6F6-PV
NV-1-F-FNPT		Steel	4050-6P		S25-8P			8AGF8-PV
NV-1-M-FNPT		Steel	4010-6P		S21-8P			AG8F8-PV

NV Technical Data	Nom. size	Material	Working PSI	Rated Flow	Min. Burst Plug	Min. Burst Coupler	Min Burst Connect	Fluid Spillage
	1/4	Steel	5,075 PSI	6.08 GPM	21,170 PSI	27,550 PSI	22,040PSI	1.0 cc
	3/8	Steel	3,625 PSI	9.5 GPM	20,300 PSI	26,970 PSI	23,200PSI	2.4 cc
	1/2	Steel	3,625 PSI	11.3 GPM	15,370 PSI	18,850 PSI	16,820PSI	2.7 cc
	3/4	Steel	3,625 PSI	24.5 GPM	15,370 PSI	17,400 PSI	15,370PSI	8.6 cc
	1	Steel	3,625 PSI	27.5 GPM	15,255 PSI	16,820 PSI	14,790PSI	13.0 cc
								
PVC Dust Protector for Plug for NV's				PVC Dust Protector for Coupler for NV's				
Part Number	Nom. size	Material	Dir Net	Part Number	Nom. size	Material		
TF-14 (RED)	1/4	Polyet	\$1.55	TMA-14 (RED)	1/4	Polyethylene		
TF-38 (RED)	3/8	Polyet	\$1.55	TMA-38 (RED)	3/8	Polyethylene		
TF-12 (RED)	1/2	Polyet	\$1.55	TM-12 (RED)	1/2	Polyethylene		

FF SERIES ISO 16028 FLUSH FACE DRY-BREAK QUICK COUPLINGS



Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Rectus /Tema	Perfecting
FF02-N18F-FNPT	1/8	Steel		FD89-1001-04-04				
FF02-N18M-FNPT	1/8	Steel		FD89-1002-04-04				
FF04-N14F-FNPT	1/4	Steel	FF-251-4FP		FFE495-2	74-C-4-4F	TIF2510N	
FF04-N14M-FNPT	1/4	Steel	FF-252-4FP		FFE491-2	74-N-4-4F	TIF2520N	
FF04-SF-6FORB	1/4	Steel	FF-251-6FO			74-C-4-6EF	TIF2510U	
FF04-SM-6FORB	1/4	Steel	FF-252-6FO			74-N-4-6EF	TIF2520U	
FF06-N38F-FNPT	3/8	Steel	FF-371-6FP	FD89-1001-06-04	FFE495-3	74-C-6-6F	TIF3810N	3HTF3
FF06-N38M-FNPT	3/8	Steel	FF-372-6FP	FD89-1002-06-04	FFE491-3	74-N-6-6F	TIF3820N	HT3F3
FF06-N12F-FNPT	3/8	Steel	FF-371-8FP	FD89-1001-08-08		74-C-6-8F	TIF3810-50N	3HTF4
FF06-N12M-FNPT	3/8	Steel	FF-372-8FP	FD89-1002-08-08		74-N-6-8F	TIF3820-50N	HT3F4
FF06-SF-6FORB	3/8	Steel				74-C-6-6EF	TIF3810U	3HTOF3
FF06-SM-6FORB	3/8	Steel				74-N-6-6EF	TIF3820U	HT3OF3
FF06-SF-8FORB	3/8	Steel	FF-371-8FO			74-C-6-8EF	TIF3810-50U	3HTOF4
FF06-SM-8FORB	3/8	Steel	FF-372-8FO			74-N-6-8EF	TIF3820-50U	HT3OF4
FF08-N12F-FNPT	1/2	Steel	FE501-8FP	FD89-1001-08-04	FFE495-4	74-C-8-8F	TIF5010N	4HTF4
FF08-N12M-FNPT	1/2	Steel	FE502-8FP	FD89-1002-08-04	FFE491-4	74-N-8-8F	TIF5020N	HT4F4
FF08-N34F-FNPT	1/2	Steel	FE501-12FP	FD89-1001-12-04	FFE495-4-3/	74-C-8-12F	TIF5010-75N	4HTF6
FF08-N34M-FNPT	1/2	Steel	FE502-12FP	FD89-1002-12-04	FFE49514-3/	74-N-8-12F	TIF5020-75N	HT4F6
FF08-SF-8FORB	1/2	Steel				74-C-8-8EF	TIF5010?	4HTOF4
FF08-SM-8FORB	1/2	Steel				74-N-8-8EF	TIF5020?	HT4OF4
FF08-SF-10FORB	1/2	Steel	FF-501-10FO			74-C-8-10EF	TIF5010U-	4HTOF5
FF08-SM-10FORB	1/2	Steel	FF-502-10FO			74-N-8-10EF	TIF5020U	HT4OF5
FF08-SF-12FORB	1/2	Steel	FF-501-12FO		FFE495-6-12	74-C-8-12EF	TIF5010-75U	4HTOF6
FF08-SM-12FORB	1/2	Steel	FF-502-12FO		FFE491-6-12	74-N-8-12EF	TIF5020-75U	HT4OF6
FF08-M-M.M22-1.5	1/2	Steel						
FF10-N12F-FNPT	5/8	Steel				74-C-10-12F		5HTF5
FF10-N12M-FNPT	5/8	Steel				74-N-10-12F		HT5F5
FF10-N34F-FNPT	5/8	Steel				74-C-12-12F	TIF6310-75N	5HTF6
FF10-N34M-FNPT	5/8	Steel				74-N-12-12F	TIF6320-75N	HT5F6

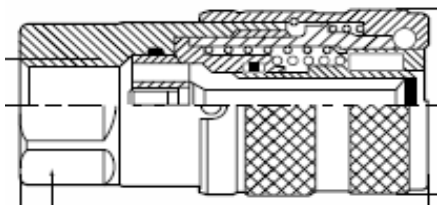
Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Rectus / Tema	Perfecting
FF10-SF-10FORB	5/8	Steel				74-C-10-10EF		5HTOF5
FF10-SM-10FORB	5/8	Steel				74-N-10-10F		HT5OF5
FF10-SF-12FORB	5/8	Steel	FE621-12FO			74-C-10-12EF	TIF6310U	5HTOF6
FF10-SM-12FORB	5/8	Steel	FE622-12FO			74-N-10-12EF	TIF6320U	HT5OF6
FF12-N34F-FNPT	3/4	Steel	FF-751-12FP	D89-1001-12-1	FFE495-6	74-C-12-12F	TIF7510N	6HTF6
FF12-N34M-FNPT	3/4	Steel	FF-752-12FP	D89-1002-12-1	FFE491-6	74-N-12-12F	TIF7520N	HT6F6
FF12-N1F-FNPT	3/4	Steel				74-C-12-16F	TIF7510-100N	6HTF8
FF12-N1M-FNPT	3/4	Steel				74-N-12-16F	TIF7520-100N	HT6F8
FF12-SF-12FORB	3/4	Steel	FF-751-12FO			74-C-12-12EF	TIF7510	6HTOF6
FF12-SM-12FORB	3/4	Steel	FF-752-12FO			74-N-12-12EF	TIF7520	HT6OF6
FF12-SF-16FORB	3/4	Steel				74-C-12-16EF	TIF7510-100U	6HTOF8
FF12-SM-16FORB	3/4	Steel				74-N-12-16EF	TIF7520-100U	HT6OF8
FF16-N1F-FNPT	1	Steel	FF-1001-16FP			74-C-16-16F	TIF10010N	8HTF8
FF16-N1M-FNPT	1	Steel	FF-1002-16FP			74-N-16-16F	TIF10020N	HT8F8
FF16-N114F-FNPT	1	Steel				74-C-16-20F	TIF10010-125	6HTBF8
FF16-N114M-FNPT	1	Steel				74-N-16-20F	TIF10020-125	HT6BF8
FF16-SF-20FORB	1	Steel				74-C-16-20EF	TIF10010-125	8HTOF10
FF16-SM-20FORB	1	Steel				74-N-16-20EF	TIF10020125U	HT8OF10
FF24-N112F-FNPT	1 1/2	Steel						
FF24-N112M-FNPT	1 1/2	Steel						
FF32-N2F-FNPT	1 1/2	Steel						
FF32-N2M-FNPT	1 1/2	Steel						

FFS SERIES ISO 16028 316 STAINLESS STEEL FLUSH FACE QUICK COUPLINGS

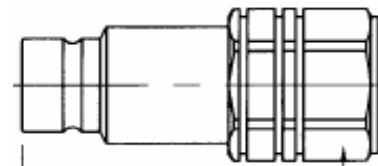


Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Perfecting
FFS04-N14F-FNPT	1/4	Steel					
FFS04-N14M-FNPT	1/4	Steel					
FFS06-N38F-FNPT	3/8	Steel					
FFS06-N38M-FNPT	3/8	Steel					
FFS06-N12F-FNPT	3/8	Steel					
FFS06-N12M-FNPT	3/8	Steel					
Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Perfecting
FFS08-N34F-FNPT	1/2	Steel	FS-751-12FP				
FFS08-N34M-FNPT	1/2	Steel	FS-752-12FP				
FFS12-N1F-FNPT	3/4	Steel	FS-1001-16FP				
FFS12-N1M-FNPT	3/4	Steel	FS-1002-16FP				

3FF SERIES ISO 16028 CONNECT UNDER PRESSURE FLUSH FACE Q.CPLG'S



3FF CPLR Connects Under Pressure.



3FF PLUG works with FF series. Connects Under Pressure.

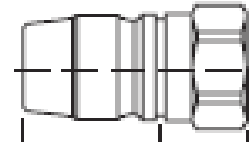
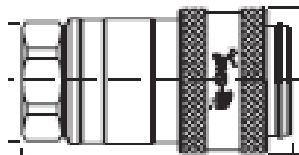
Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tit3	Hansen	Perfecting
3FF06-N38M-FNPT	3/8	Steel				CP74-N-6-6F		
3FF06-N12M-FNPT	3/8	Steel				CP74-N-6-8F		
3FF08-N12M-FNPT	1/2	Steel	FEC-502-8FP	CP74-N8-8F		CP74-N-08-8F		
3FF08-N34M-FNPT	1/2	Steel				CP74-N-8-12F		
FF, FFS & 3FF Technical Data	Nom. size	Material	Working PSI	Rated Flow	Min. Burst Plug	Min. Burst Coupler	Min Burst Connect	Fluid Spillage
	1/8	Stl/SS	7,250 PSI	1.6 GPM	43,500 PSI	29,000 PSI	43,500PSI	.006 cc
	1/4	Stl/SS	5,000 PSI	4.8 GPM	28,275 PSI	23,925 PSI	33,350PSI	.008 cc
	3/8	Stl/SS	5,000 PSI	10.0 GPM	29,000 PSI	21,025 PSI	20,590PSI	.010 cc
	1/2	Stl/SS	5,000 PSI	19.8 GPM	25,375 PSI	21,750 PSI	23,925PSI	.012 cc
	5/8	Stl/SS	5,000 PSI	26.4 GPM	24,255 PSI	21,750 PSI	23,200PSI	.015 cc
	3/4	Stl/SS	5,000 PSI	37.0 GPM	20,580 PSI	20,580 PSI	20,300PSI	.020 cc
	1	Stl/SS	5,000 PSI	52.8 GPM	20,580 PSI	20,580 PSI	21,750PSI	.030 cc
	1 1/2	Stl/SS	3,625 PSI	89.5 GPM	14,500 PSI	14,500 PSI	14,500PSI	.050 cc

Rubber Dust Protector for Plug for FF's

Rubber Dust Protector for Coupler for FF's

Part Number	Nom. size	Material	Dir Net	Part Number	Nom. size	Material
FF06-MC-RED	3/8	Rubb	\$2.88	FF06-FC-RED	3/8	Rubber
FF08-MC-RED	1/2	Rubb	\$3.33	FF08-FC-RED	1/2	Rubber
FF12-MC-RED	3/4	Rubb	\$6.35	FF12-FC-RED	3/4	Rubber

71FF SERIES STEEL FLUSH FACE QUICK COUPLER-SNAP-TITE INTERCHANGE



Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
71FF-N12F-FNPT	1/2	Steel				71-3C8-8	4-HP-26	4STF4
71FF-N12M-FNPT	1/2	Steel				71-3N8-8	HP-4-16	ST4F4
71FF-N34F-FNPT	3/4	Steel				71-3C12-12	6-HP-31	6STF6
71FF-N34M-FNPT	3/4	Steel				71-3N12-12	HP-6-31	ST6F6
71FF-34-12FORB-SF	3/4	Steel				71-3C12-12EF		6STOF6
71FF-34-12FORB-SM	3/4	Steel				71-3N12-12EF		ST6FO6
71FF-N1F-FNPT	1	Steel				71-3C16-16	8-HP-36	8STF8
71FF-N1M-FNPT	1	Steel				71-3N16-16	8-KP-36	ST8F8
71FF-1-16FORB-SF	1	Steel				71-3C16-16EF		8STOF8
71FF-1-16FORB-SM	1	Steel				71-3N16-16EF		ST8OF8

71FF SERIES STAINLESS STEEL FLUSH FACE QUICK COUPLER-SNAP-TITE INTERCHANGE

Part Number	Nom. size	Material	Parker	Aeroquip	Safway	Snap-Tite	Perfecting
71FF-N34F-3-FNPT-SS	3/4	316 SS					6STF6-SS
71FF-N34M-3-FNPT-SS	3/4	316 SS					ST6F6-SS
71FF-N1F-3-FNPT-SS	1	316 SS					8STF8-SS
71FF-N1M-3-FNPT-SS	1	316 SS					ST8F8-SS

71FF Technical Data	Nom. size	Material	Working PSI	Rated Flow	Min. Burst Plug	Min. Burst Coupler	Min Burst Connect	Fluid Spillage
	1/4	Steel	10,000 PSI				20,000 PSI	.02cc
	3/8	Steel	10,000 PSI				20,000 PSI	.02cc
	1/2	Steel	10,000 PSI				20,000 PSI	.03 cc
	3/4	Steel	7,500 PSI	GPM			15,000 PSI	.06 cc
	1	Steel	7,500 PSI				15,000 PSI	.10 cc

TNV SERIES SNAP-TITE INTERCHANGE QUICK COUPLINGS-VALVED



Part Number	Nom. size	Material	Parker / Pioneer	Working PSI	Safway	Snap-Tite	Perfecting
TNV-04-F-FNPT	1/4	Steel		6,500 PSI		VHC4-4F	2VF2
TNV-04-M-FNPT	1/4	Steel		6,500 PSI		VHN4-4F	V2F2
TNV-04-F-02-MPT	1/4	Steel		6,500 PSI		VHC4-4M	2VM1
TNV-06-F-FNPT	3/8	Steel		4,500 PSI		VHC6-6F	3VF3
TNV-06-M-FNPT	3/8	Steel		4,500 PSI		VHN6-6F	V3F3
TNV-08-F-FNPT	1/2	Steel		4,000 PSI		VHC8-8F	4VF4
TNV-08-M-FNPT	1/2	Steel		4,000 PSI		VHN8-8F	V4F4
TNV-12-F-FNPT	3/4	Steel		3,500 PSI		VHC12-12F	6VF6
TNV-12-M-FNPT	3/4	Steel		3,500 PSI		VHN12-12F	V6F6
Part Number	Nom. size	Material	Parker / Pioneer	Working PSI	Safway	Snap-Tite	Perfecting
TNV-16-F-FNPT	1	Steel		2,000 PSI		VHC16-16F	8VF8
TNV-16-M-FNPT	1	Steel		2,000 PSI		VHN16-16F	V8F8
TNV-20-F-FNPT	1 1/4	Steel		1,750 PSI		VHC20F-20F	10VF10
TNV-20-M-FNPT	1 1/4	Steel		1,750 PSI		VHC20N-20F	V10F10
TNV-24-F-FNPT	1 1/2	Steel		1,500 PSI		VHC24-24F	12VF12
TNV-24-M-FNPT	1 1/2	Steel		1,500 PSI		VHN24-24F	V12F12
TNV-32-F-FNPT	2	Steel		1,000 PSI		VHC32-32F	16VF16
TNV-32-M-FNPT	2	Steel		1,000 PSI		VHN32-32F	V16F16

TNV SERIES SNAP-TITE INTERCHANGE QUICK COUPLINGS-NON-VALVED

Part Number	Nom. size	Material				Snap-Tite	Perfecting
TNL-04-F-FNPT	1/4	Steel		11,000 PSI		PHC4-4F	2VF2-E
TNL-04-M-FNPT	1/4	Steel		11,000 PSI		PHN4-4F	V2F2-E
TNL-06-F-FNPT	3/8	Steel		11,000 PSI		PHC6-6F	3VF3-E
TNL-06-M-FNPT	3/8	Steel		11,000 PSI		PHN6-6F	V3F3-E
TNL-08-F-FNPT	1/2	Steel		11,000 PSI		PHC8-8F	4VF4-E
TNL-08-M-FNPT	1/2	Steel		11,000 PSI		PHN8-8F	V4F4-E
TNL-12-F-FNPT	3/4	Steel		9,000 PSI		PHC12-12F	6VF6-E
TNL-12-M-FNPT	3/4	Steel		9,000 PSI		PHN12-12F	V6F6-E
TNL-16-F-FNPT	1	Steel		6,000 PSI		PHC16-16F	8VF8-E
TNL-16-M-FNPT	1	Steel		6,000 PSI		PHN16-16F	V8F8-E

FB SERIES WING-HEX NUT-WET LINE COUPLINGS CONNECT UNDER PRESSURE



Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfection
FB-08-F-FNPT	1/2	Brass	6125-08	5100S5-10B		B78C12-8F		4WF4-B
FB-08-M-FNPT	1/2	Brass	6105-08	5100S2-10B		B78N12-8F		W4F4-B
FB-12-F-FNPT	3/4	Brass	6125-12	5100S5-12B	S515W-6	B78C12-12F	96-S31	6WF6-B
FB-12-M-FNPT	3/4	Brass	6105-12	5100S2-12B	S511-6	B78N12-12F	96-P31	W6F6-B
FB-16-F-FNPT	1	Brass	6125-16	5100S5-16B	S515W-8	B78C16-16F	96-S36	8WF8-B
FB-16-M-FNPT	1	Brass	6105-16	5100S2-16B	S511-8	B78N16-16F	96-P36	W8F8-B
FB-20-F-FNPT	1 1/4	Brass	6125-20	5100S5-20B	S515W-10	B78C20-20F	96-S41	10WF10-B
FB-20-M-FNPT	1 1/4	Brass	6105-20	5100S2-20B	S511-10	B78N20-20F	96-P41	W10F10-B
FB-24-F-FNPT	1 1/2	Brass	6125-24	5100S5-24B		B78C24-24F		12WF12-B
FB-24-M-FNPT	1 1/2	Brass	6105-24	5100S2-24B		B78N24-24F		W12F12-B

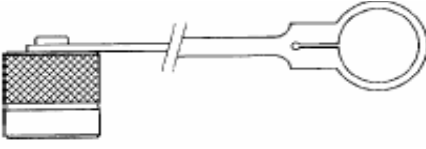
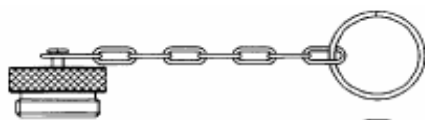
FB Technical Data	Nom. size	Material	Working PSI	Rated Flow	Min. Burst Plug	Min. Burst Coupler
	1/2	Steel	3,000 PSI	GPM	9,000 PSI	9,000 PSI
	3/4	Steel	3,000 PSI	35 GPM	9,000 PSI	9,000 PSI
	1	Steel	3,000 PSI	55 GPM	9,000 PSI	9,000 PSI
	1 1/4	Steel	2,750 PSI	80 GPM	8,250 PSI	8,250 PSI
	1 1/2	Steel	2,500 PSI	GPM	7,500 PSI	7,500 PSI



Brass Dust Protector for Plug for FB's				Brass Dust Protector for Coupler for FB's		
Part Number	Nom. size	Material	Dir Net	Part Number	Nom. size	Material
FBM-12	3/4	Brass	\$10.10	FBF-12	3/4	Brass
FBM-16	1	Brass	\$10.94	FBF-16	1	Brass
FBM-20	1 1/4	Brass	\$17.23	FBF-20	1 1/4	Brass
FBM-24	1 1/2	Brass	\$26.78	FBF-24	1 1/2	Brass

PVV SERIES Enerpac High Pressure Connect under pressure Interchange Series



Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
PVV-14-F-MNPT	1/4	Steel	3050-2		S35-2P	76C4-4M		2TM2
PVV-14-M-FNPT	1/4	Steel	3010-2		351-2P	76N4-4F		T2F2
PVV-38-F-MNPT	3/8	Steel	3050-3					3TM3
PVV-38-M-FNPT	3/8	Steel	3010-3					T3F3
PVVP SERIES								
Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
PVVP-38-F-MNPT	3/8	Steel	3050-3		S35-3P	76C6-6M		3TM3-PV
PVVP-38-M-FNPT	3/8	Steel	3010-3		S35-3P	76C-6F		T3F3-PV
PVV SERIES STAINLESS STEEL								
Part Number	Nom. size	Material	Parker / Pioneer	Aeroquip	Safway	Snap-Tite	Hansen	Perfecting
PVV-38-F-SS-MNPT	3/8	316-SS						
PVV-38-M-SS-FNPT	3/8	316-SS						
PVV Technical Data	Nom. size	Material	Working PSI	Rated Flow	Min. Burst Plug	Min. Burst Coupler	Min Burst Connect	Fluid Spillage
	1/4	Steel	10,000 PSI	1.26 GPM	22,330PSI	26,390 PSI	32,480PSI	0.2cc
	3/8	Steel	10,000 PSI	2.26 GPM	22,620PSI	31,465 PSI	29,000PSI	0.6cc
	3/8	Steel	14,500 PSI	2.53 GPM	58,000PSI	58,000 PSI	58,000PSI	1.7cc
 								
Steel/Rubber Dust Protector for Plug for PVV's			Steel/Rubber Dust Protector for Coupler for PVV's					
Part Number	Nom. size	Material	Dir Net	Part Number	Nom. size	Material		
TFP-14	1/4	Steel	\$5.50	TMP-14	1/4	Steel		
TFP-38	3/8	Steel	\$5.50	TMP-38	3/8	Steel		