

HANLEY CONTROLS CLONMEL LTD.  
**Pneumatics & Mechanical Sales**  
**Stock Book**  
**Issue 03**



New dedicated Georg Fischer Plastics Warehouse in Clonmel, opened Dec 2019



Hanley Controls Clonmel Ltd.  
Gortnafleur, Clonmel, Co. Tipperary, Ireland  
Tel: + 353 52 6122722, [www.hccl.ie](http://www.hccl.ie)

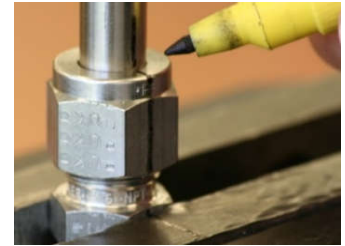
# TECHNICAL & ON-SITE TRAINING



Enroll your Instrumentation Fitters, Technicians, & Maintenance Personnel on the Parker **SBEX** Training Programme to give them the hands-on training they need to help your organisation save time, reduce overheads and increase safety on your Small Bore Tube System.

## Course Goals

- Increasing understanding of small bore tubing systems and components
- Improving small bore tubing systems safety
- Enhancing small bore tubing systems integrity
- Reducing potential losses
- Augmenting skills and confidence whilst working on small bore tubing systems



Contact NOEL WALSH for more details @ 086 8118435 or email [noel.walsh@hccl.ie](mailto:noel.walsh@hccl.ie)



- GF Plastics Piping Systems affords high product safety by offering its customers professional training. The courses are clearly defined, structured and designed for the different levels of practical experience and application requirements of participants.
- Our experts are at your side wherever you are and conduct practical training in the various fusion and jointing methods on site. The training duration and program depends on the actual project and the system to be installed.
- Products: PVC/ABS/PP/PE/PVDF

Contact DWAYNE DUNPHY for more details @ 086 8533565 or email [dwayne.dunphy@hccl.ie](mailto:dwayne.dunphy@hccl.ie)



We offer different training options for individuals interested in gaining an advanced understanding of Transair products including:

- On site Installation Training Module for contractors
- On site Technical Module for engineers on the benefits of the Transair system

Contact SEAN BRENNAN for more details @ 086 8098420 or email [sean.brennan@hccl.ie](mailto:sean.brennan@hccl.ie)

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# SS TUBE, CLAMPS, & TOOLING



**HANLEY CONTROLS**

CLONMEL

## INSTRUMENT TUBE

Seamless SS316L Tube (ASTM A269) - Western European Mills only

Sizes	Metric	Imperial
	6mm to 20mm	1/8" to 1" OD

**Degreased/CFOS tube stocked in sizes 1/4"-1" OD**



## PARKER TUBE CUTTERS

Size	Part No.
1/8"-11/8"	PT-C



Replacement wheel # PT-CS

## PARKER DEBURRING TOOL

Size	Part No.
3/16"-11/2"	PT-D



## TUBE CLAMPS

### Clamp Materials

Polypropylene, PA6, Aluminium

### Hardware

Galv or SS plates and bolts

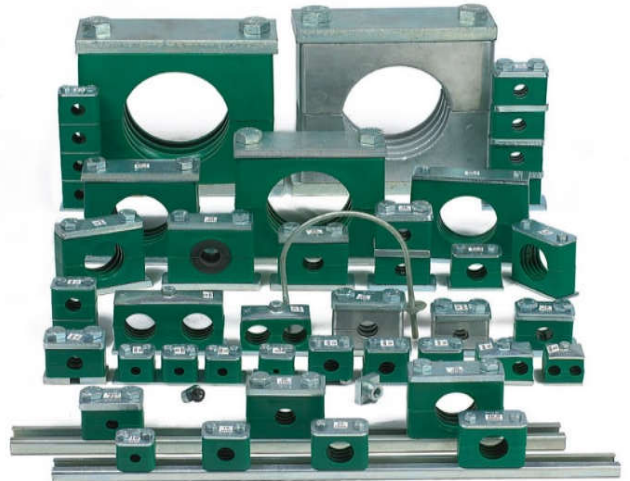
### Type

Singles and Double Clamps

Mounting Rail available

### Sizes

OD & NB sizes from 6mm to 168.3mm  
(up to 50mm stocked in Clonmel)



## PARKER/RIDGID TUBE BENDERS

Size	Part No.	Ridgid No.
1/4"	PTB-4T	38033
3/8"	PTB-6T	38043
1/2"	PTB-8T	38048
6mm	PTB-6M	38053
8mm (5/16")	PTB-8M	38038
10mm	PTB-10M	38058
12mm	PTB-12M	38063



## Unistrut Clamp

Use instead of weld plate

Part no. BA-A/B1-ZN



**NEW**



**HANLEY CONTROLS**

C L O N M E L

# INDUSTRIAL BALL VALVES

SS316 & Nickel Brass  
Larger sizes on request

## Red Bore 1 piece Ball Valve (1000psi) BSPP SS316



Part No.	Size
1/4BSP10-10	1/4"
3/8BSP10-10	3/8"
1/2BSP10-10	1/2"
3/4BSP10-10	3/4"
1BSP10-10	1"
1 1/4BSP10-10	1 1/4"
1 1/2BSP10-10	1 1/2"
2BSP10-10	2"

## Full Bore NPT 2 piece Ball Valve (63 bar) SS316



Part No.	Size
704002	1/4"
704003	3/8"
704004	1/2"
704005	3/4"
704006	1"

## Full Bore 2 piece Ball Valve (1000psi) SS316



Part No.	Size
1/4BSP20-10	1/4"
3/8BSP20-10	3/8"
1/2BSP20-10	1/2"
3/4BSP20-10	3/4"
1BSP20-10	1"
1 1/4BSP20-10	1 1/4"
1 1/2BSP20-10	1 1/2"
2BSP20-10	2"

## Full Bore 1 piece Ball Valve PN40 BSPP Brass **\*\*DEGREASED\*\***



Part No.	Size
520002	1/4"
520003	3/8"
520004	1/2"
520005	3/4"
520006	1"
520007	1 1/4"
520008	1 1/2"
520009	2"

## Legris Economy Ball Valve PN30 BSPP Brass



Part No.	Size
4902 10 13	1/4"
4902 10 17	3/8"
4902 15 21	1/2"
4902 20 27	3/4"
4902 25 34	1"

## MARS Full Bore 2 piece Ball Valve (2000psi) BSPP SS316 **\*\*DEGREASED\*\***



Part No.	Size
1/4BSP20-40	1/4"
3/8BSP20-40	3/8"
1/2BSP20-40	1/2"
3/4BSP20-40	3/4"
1BSP20-40	1"

*Suitable for use with steam*

## ENOLGAS OMEGA Full Bore 2 piece Ball Valve - Gas BSPP Brass.



Part No.	Size
S0271N64	1/2"
S0271N65	3/4"
S0271N66	1"
S0271N68	1 1/2"
S0271N69	2"

## Legris 3/2 Vented Lockable Ball Valve PN40



Part No.	Size
0439 04 10	1/8"
0439 07 13	1/4"
0439 10 17	3/8"
0439 13 21	1/2"
0439 18 27	3/4"
0439 23 34	1"



# INSTRUMENT AIR MANIFOLDS

Manufactured in Clonmel  
10 Bar

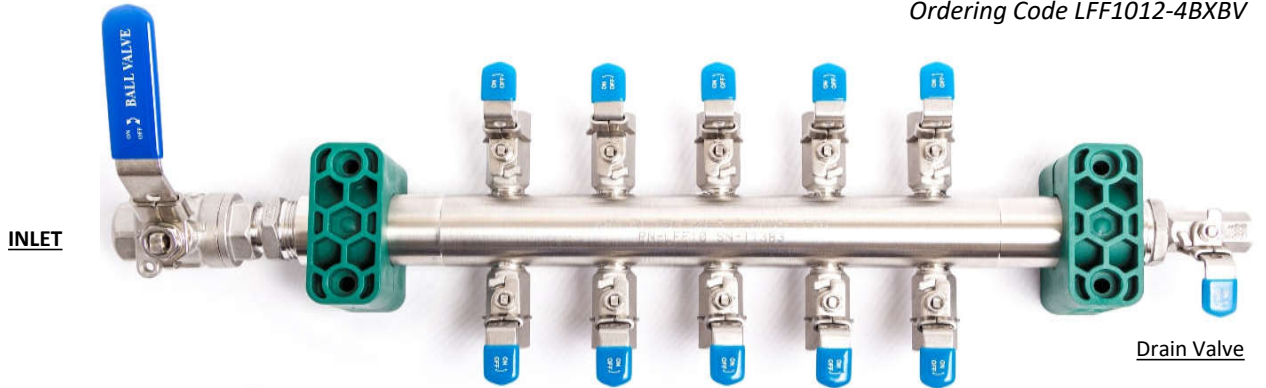
## Standard Features

- \* Lockable 1/4" SS316 Ball Valves
- \* Inlet size: 3/4"
- \* Manufactured in Clonmel

## Application

Instrument Air / Hook Up

10 Way Manifold with lockable valves, clamps & isolating valve.  
Ordering Code LFF1012-4BXBV



## Options / Ordering Guide - L SERIES

1	2	3	4	5	6	7	8	9																																										
<b>L</b>	<b>FF</b>	<b>10</b>	<b>12</b>	— <b>4</b>	<b>B</b>	<b>X</b>	<b>B</b>	<b>V</b>																																										
<b>1. Series</b>	<b>2. Style (valve centres)</b>		<b>3. No. of valves</b>		<b>4. Main Inlet Thread</b>		<b>5. Dist. Threads</b>																																											
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\* Other options available on request

## MARKING

Each bar is permanently marked with the Part no. & Serial no. to ensure full traceability



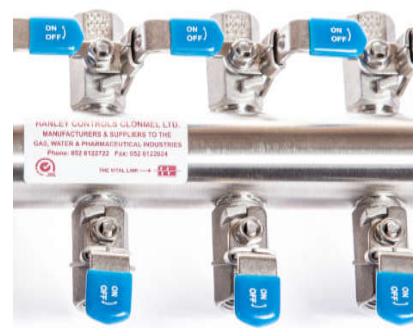
## PACKING & STORAGE

Your order is safely packed in our bespoke cases  
Cases can be easily stacked and safely stored on site



## MANIFOLD BAR

LF & LG Series  
316L bar 1" NB  
Mechanical Polish



## OUTLET VALVE - LF SERIES

Reduced bore SS316  
lockable outlet valve 1/4"



## OUTLET VALVE - LG SERIES

Full bore two-piece SS316  
lockable outlet valve 1/4" c/w  
venting ball



*Downstream pressure vents in closed position*

## APPROVALS

The products used in these assemblies are governed by the Pressure Equipment Directive (PED) and therefore require the application of Sound Engineering Practice. CE Marking is neither allowed nor required



## Why not order your manifold with airline fittings pre-fitted?

- 100% tested and leak free leaving our workshop in Clonmel
- Labour saving on site
- Potential for on-site errors is minimised



LF manifold valve  
c/w Legris LF3800  
6mm stud



# INSTRUMENTATION VALVES



## B SERIES BALL VALVE



B Series Ball Valves provide quick on-off control of fluids utilized in process and instrumentation applications.

## C SERIES CHECK VALVE



Parker C Series Check Valves are designed for uni-directional flow control of fluids and gases.

## V SERIES NEEDLE VALVE



V Series Needle Valves are designed for positive leak tight shut-off and regulation of fluids in process, power, and instrumentation

## HNV SERIES NEEDLE VALVE



Globe style barstock needle valves are purpose designed valves for operation with any fluid up to 6,000 psig (414 barg) rating.

## F SERIES INLINE FILTER



Parker F Series Inline Filters are designed for protection of instrumentation systems from undesirable materials.

## IR4000 SERIES REGULATOR



The IR4000 Series regulator offers high pressure capability with an inlet pressure up to 4,000 psig.



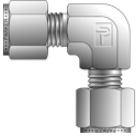

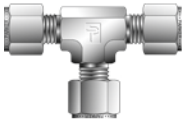
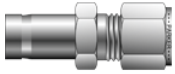

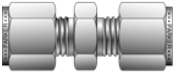
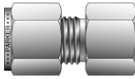
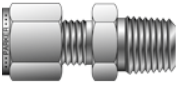
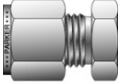





# ALOK COMPRESSION FITTINGS



HANLEY CONTROLS

CLONMEL

<b>Union Elbow</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>		<b>Male Stud Elbow NPT</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>	
	1/4"	4EE4	400-9			1/4" OD x 1/4"	4MSEL4N	400-2-4	
	3/8"	6EE6	600-9			3/8" OD x 3/8"	6MSEL6N	600-2-6	
	1/2"	8EE8	810-9			1/2" OD x 1/4"	8MSEL4N	810-2-4	
	3/4"	12EE12	1210-9			1/2" OD x 3/8"	8MSEL6N	810-2-6	
	1"	16EE16	1610-9			1/2" OD x 1/2"	8MSEL8N	810-2-8	
<b>Union Tee</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>		<b>Tube End Reducer</b>	<b>Size t1 x t2</b>	<b>Part No.</b>	<b>Interchange</b>	
	1/4"	4ET4	400-3			1/4" x 3/8"	4TUR6	600-R-4	
	3/8"	6ET6	600-3			1/4" x 1/2"	4TUR8	810-R-4	
	1/2"	8ET8	810-3			3/8" x 1/4"	6TUR4	400-R-6	
	3/4"	12ET12	1210-3			3/8" x 1/2"	6TUR8	810-R-6	
	1"	16ET16	1610-3			1/2" x 1/4"	8TUR4	400-R-8	
<b>Union</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>		<b>Female Stud NPT</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>	
	1/4"	4SC4	400-6			1/4" OD x 1/4"	4FSC4N	400-7-4	
	3/8"	6SC6	600-6			3/8" OD x 1/4"	6FSC4N	600-7-4	
	1/2"	8SC8	810-6			1/2" OD x 1/2"	8FSC8N	810-7-8	
	3/4"	12SC12	1210-6			3/4" OD x 3/4"	12FSC12N	1210-7-12	
	1"	16SC16	1610-6						
	1/2" x 1/4"	8RU4	810-6-4						
	1/2" x 3/8"	8RU6	810-6-6						
	3/4" x 1/2"	12RU8	1210-6-8						
<b>Male Stud NPT (OD x NPT)</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>		<b>Tube Cap</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>	
	1/4" x 1/4"	4MSC4N	400-1-4			1/4"	4BLEN4	400-C	
	1/4" x 1/2"	4MSC8N	400-1-8			3/8"	6BLEN6	600-C	
	3/8" x 1/8"	6MSC2N	600-1-2			1/2"	8BLEN8	810-C	
	3/8" x 1/4"	6MSC4N	600-1-4						
	3/8" x 3/8"	6MSC6N	600-1-6						
	3/8" x 1/2"	6MSC8N	600-1-8		<b>Ferrule Sets</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>	
	3/8" x 3/4"	6MSC12N	600-1-12			1/4"	4 ALOK	400-SET	
	1/2" x 1/4"	8MSC4N	810-1-4			3/8"	6 ALOK	600-SET	
	1/2" x 3/8"	8MSC6N	810-1-6			1/2"	8 ALOK	810-SET	
	1/2" x 1/2"	8MSC8N	810-1-8			3/4"	12 ALOK	810-SET	
	1/2" x 3/4"	8MSC12N	810-1-12						
	3/4" x 1/2"	12MSC8N	1210-1-8		<b>Alok Plug/Cap</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>	
	3/4" x 3/4"	12MSC12N	1210-1-12			1/4"	4BLP4	400-P	
	1" x 1/2"	16MSC8N	1610-1-8			3/8"	6BLP6	600-P	
	1" x 1"	16MSC16N	1610-1-16			1/2"	8BLP8	810-P	
						3/4"	12BLP12	1210-P	
						1"	16BLP16	1610-P	
<b>Bulkhead Union</b>	<b>Size</b>	<b>Part No.</b>	<b>Interchange</b>						
	1/4"	4BC4-316	400-61						
	3/8"	6BC6-316	600-61						
	1/2"	8BC8-316	810-61						
	3/4"	12BC12-316	1210-61						
	1"	16BC16-316	1610-61						

Imperial & Metric sizes available

BSPT & BSPP threads available



# SS316 BSP FITTINGS

Male threads BSPT, Female threads BSPP  
20 Bar working pressure

## Barrell Nipple



Size	Part No.
1/8"	BN-2
1/4"	BN-4
3/8"	BN-6
1/2"	BN-8
3/4"	BN-12
1"	BN-16
1 1/4"	BN-20
1 1/2"	BN-24
2"	BN-32

## Hex Nipple



Part No.
HN-2
HN-4
HN-6
HN-8
HN-12
HN-16
HN-20
HN-24
HN-32

## Female Tee



Part No.
ST-2
ST-4
ST-6
ST-8
ST-12
ST-16
ST-20
ST-24
ST-32

## M x F Elbow



Part No.
SFME-2
SFME-4
SFME-6
SFME-8
SFME-12
SFME-16
SFME-20
SFME-24
SFME-32

## 90 deg Elbow



Part No.
S90-2
S90-4
S90-6
S90-8
S90-12
S90-16
S90-20
S90-24
S90-32

## 45 deg Elbow



Size	Part No.
1/8"	S45-2
1/4"	S45-4
3/8"	S45-6
1/2"	S45-8
3/4"	S45-12
1"	S45-16
1 1/4"	S45-20
1 1/2"	S45-24
2"	S45-32

## 2 pce Union



Part No.
SUCS-1/8
SUCS-1/4
SUCS-3/8
SUCS-1/2
SUCS-3/4
SUCS-1
SUCS-1 1/4
SUCS-1 1/2
SUCS-2

## Red Bush



Size	Part No.
1/4" x 1/8"	HRB-4-3
3/8" x 1/4"	HRB-6-5
1/2" x 1/4"	HRB-8-4
1/2" x 3/8"	HRB-8-6
3/4" x 1/4"	HRB-12-4
3/4" x 3/8"	HRB-12-6
3/4" x 1/2"	HRB-12-8
1" x 3/4"	HRB-16-12
1" x 1/4"	HRB-16-4
1" x 1/2"	HRB-16-8
1 1/4" x 1"	HRB-20-17
1 1/2" x 1"	HRB-24-16
1 1/2" x 1 1/4"	HRB-24-20
2" x 1"	HRB-32-16
2" x 1 1/2"	HRB-32-24

## Red Nipple



Part No.
HRN-4-2
HRN-6-4
HRN-8-4
HRN-8-6
HRN-12-4
HRN-12-6
HRN-12-8
HRN-16-12
-
HRN-16-8
HRN-20-16
HRN-24-16
HRN-32-24
-
-

## Hex Plug



Size	Part No.
1/8"	HP-2
1/4"	HP-4
3/8"	HP-6
1/2"	HP-8
3/4"	HP-12
1"	HP-16
1 1/4"	HP-20
1 1/2"	HP-24
2"	HP-32

## Full Socket



Part No.
SS-2
SS-4
SS-6
SS-8
SS-12
SS-16
SS-20
SS-24
SS-32



# SS316 NPT Fittings

20 Bar working pressure

**NEW**

## 90 deg Elbow



Size	Part No.
1/8"	CFF5B
1/4"	CFF8B
3/8"	CFF12B
1/2"	CFF15B
3/4"	CFF20B
1"	CFF25B

## M x F Elbow



Size	Part No.
1/8"	CMF5B
1/4"	CMF8B
3/8"	CMF12B
1/2"	CMF15B
3/4"	CMF20B
1"	CMF25B

## Full Socket



Size	Part No.
1/8"	M5B
1/4"	M8B
3/8"	M12B
1/2"	M15B
3/4"	M20B
1"	M25B

## Hex Plug



Size	Part No.
1/8"	BM5B
1/4"	BM8B
3/8"	BM12B
1/2"	BM15B
3/4"	BM20B
1"	BM25B

## Red Bush



Size M x F	Part No.
1/4" x 1/8"	RMF85B
3/8" x 1/4"	RMF128B
3/8" x 1/8"	RMF125B
1/2" x 1/4"	RMF158B
1/2" x 3/8"	RMF1512B
3/4" x 1/2"	RMF2015B
1" x 3/4"	RMF2520B
1 1/2" x 1"	RMF4025B

## Hex Nipple



Size	Part No.
1/8"	MH5B
1/4"	MH8B
3/8"	MH12B
1/2"	MH15B
3/4"	MH20B
1"	MH25B

## Hex Red Nipple



Size	Part No.
1/4" x 1/8"	RMM85B
3/8" x 1/4"	RMM128B
1/2" x 1/4"	RMM158B
1/2" x 3/8"	RMM1512B
1/2" x 1/4"	RMM158B
3/4" x 1/2"	RMM2015B
1" x 3/4"	RMM2520B

## Female Tee



Size	Part No.
1/8"	TE5B
1/4"	TE8B
3/8"	TE12B
1/2"	TE15B
3/4"	TE20B
1"	TE25B

**FULL RANGE OF 6000 PSI HIGH PRESSURE PARKER FITTINGS ALSO STOCKED**

# ADAPTORS & THREAD ACCESSORIES



**NEW**

## BSPP Cone Seat Adaptor Nipple



Size	BSPT Part No.	NPT Part No.
1/4"	ACT-2BT-04	ACT-2NT-04
3/8"	ACT-2BT-06	ACT-2NT-06
1/2"	ACT-2BT-08	ACT-2NT-08
3/4"	ACT-2BT-12	ACT-2NT-12
1"	ACT-2BT-16	ACT-2NT-16

## Adaptor Nipple NPT x BSPT



Size	Part No.
1/4"	HN-6NTBT-04
3/8"	HN-6NTBT-06
1/2"	HN-6NTBT-08
3/4"	HN-6NTBT-12
1"	HN-6NTBT-16

## Dowty Washer / Bonded Seal



Size	Steel/Nitrile	SS/Viton
1/4"	BS-14	BS-14N
3/8"	BS-38	BS-38N
1/2"	BS-12	BS-12N
3/4"	BS-34	BS-34N
1"	BS-1	BS-1N

Use with male BSPP threads that seal on the shoulder of the fitting

## Gauge Adaptor - MNPT x Fem BSPP



Size	Part No.
1/4"	PGA-04-04
1/2"	PGA-08-08

Parker Alok (compression) Gauge Adaptors also available

## Copper Washer\*

Size	Part No.
1/4"	M25180
1/2"	M25182



## Stainless Washer\*

Size	Part No.
1/4"	DKRI-4RG
1/2"	DKRI-8RG



\* Use with female BSPP threads



## Loctite 567 Thread Sealant

Size	Part No.
250ml	PS-L-250

## PTFE Tape (GAS SERVICE) 12mm x 0.20mm BS 751-3

Size	Part No.
5m	PTFE/GAS



## PTFE Tape 1/2" X 0.075mm BS 4375

Size	Part No.
10m	PTFE





### Hex Nipple BSPT



Size	Part No.
1/8" x 1/8"	0900 00 10
1/8" x 1/4"	0900 10 13
1/8" x 3/8"	0900 10 17
1/4" x 1/4"	0900 00 13
1/4" x 3/8"	0900 13 17
1/4" x 1/2"	0900 13 21
3/8" x 3/8"	0900 00 17
3/8" x 1/2"	0900 17 21
1/2" x 1/2"	0900 00 21
1/2" x 3/4"	0900 21 27
3/4" x 3/4"	0900 00 27
3/4" x 1"	0900 27 34
1" x 1"	0900 00 34

### Hex Nipple BSPP



Size	Part No.
M5 x M5	0901 00 19
M5 x 1/8"	0901 19 10
1/4" x 1/4"	0901 00 13
1/4" x 3/8"	0901 13 17
3/8" x 3/8"	0901 00 17
1/2" x 1/2"	0901 00 21

### Hex Plug



Size	Part No.
M5	0220 19 00
1/8"	0220 10 00
1/4"	0220 13 00
3/8"	0220 17 00
1/2"	0220 21 00

### Reducer BSPT (M) x BSPP (F)



Size	Part No.
1/4" x 1/8"	0904 10 13
3/8" x 1/8"	0904 10 17
1/2" x 1/8"	0904 10 21
3/8" x 1/4"	0904 13 17
1/2" x 1/4"	0904 13 21
1/2" x 3/8"	0904 17 21
3/4" x 3/8"	0904 17 27
3/4" x 1/2"	0904 21 27
1" x 1/2"	0904 21 34
1" x 3/4"	0904 27 34

### Reducer BSPP & Metric (MxF)



Size	Part No.
1/2" x 1/4"	0905 13 21
3/4" x 1/4"	0905 13 27
1/2" x 3/8"	0905 17 21
1/8" x M5	0905 19 10
3/4" x 1/2"	0905 21 27

### Equal Cross



Size	Part No.
1/8"	0908 00 10
1/4"	0908 00 13
3/8"	0908 00 17
1/2"	0908 00 21

### Bulkhead BSPP x Metric



Size	Part No.
1/4" x M20	0920 00 13

### Female Socket BSPP & Metric



Size	Part No.
M5 x M5	0902 00 19
M5 x 1/8"	0902 19 10
1/8" x 1/8"	0902 00 10
1/8" x 1/4"	0902 10 13
1/8" x 3/8"	0902 10 17
1/4" x 1/4"	0902 00 13
1/4" x 3/8"	0902 13 17
1/4" x 1/2"	0902 13 21
3/8" x 3/8"	0902 00 17
3/8" x 1/2"	0902 17 21
1/2" x 1/2"	0902 00 21
1/2" x 3/4"	0902 21 27
3/4" x 3/4"	0902 00 27

### Increaser Male Metric / BSPP x BSPP Female



Size	Part No.
M5 x 1/8"	0906 10 19
1/8" x 1/8"	0906 00 10
1/8" x 1/4"	0906 10 13
1/8" x 3/8"	0906 10 17
1/4" x 1/4"	0906 00 13
1/4" x 3/8"	0906 13 17
1/4" x 1/2"	0906 13 21
3/8" x 3/8"	0906 00 17
3/8" x 1/2"	0906 17 21
1/2" x 1/2"	0906 00 21

### Internal Hex Head Plug BSPP



Size	Part No.
1/8"	0919 00 10
1/4"	0919 00 13



# BRASS ADAPTORS

Nickel plated brass  
60 bar  
-10 / +80 deg C



**HANLEY CONTROLS**

CLONMEL

## Equal Female Elbow BSPP



Size	Part No.
1/8"	0912 00 10
1/4"	0912 00 13
3/8"	0912 00 17
1/2"	0912 00 21
3/4"	0912 00 27
1"	0912 00 34

## Equal Female Tee BSPP



Size	Part No.
1/8"	0915 00 10
1/4"	0915 00 13
3/8"	0915 00 17
1/2"	0915 00 21
3/4"	0915 00 27
1"	0915 00 34

## Equal Female Y BSPP



Size	Part No.
1/8"	0910 00 10
1/4"	0910 00 13
3/8"	0910 00 17
1/2"	0910 00 21

## Street Elbow BSPT x BSPP



Size	Part No.
1/8"	0913 00 10
1/4"	0913 00 13
3/8"	0913 00 17
1/2"	0913 00 21
3/4"	0913 00 27
1"	0913 00 34

## Equal BSPT Male Elbow



Size	Part No.
1/8"	0914 00 10
1/4"	0914 00 13
3/8"	0914 00 17
1/2"	0914 00 21

## Equal Y Male BSPT x Fem BSPP



Size	Part No.
1/8"	0911 00 10
1/4"	0911 00 13
3/8"	0911 00 17
1/2"	0911 00 21

## Equal Stud Branch Tee



Size	Part No.
1/4"	0916 00 13

# Wade

## BRASS COMPRESSION FITTINGS - IMPERIAL AND METRIC SIZES

6mm to 25mm  
1/4" to 3/4"  
NPT versions also

## MALE STUD BSPT



Size	Part No.
06mm x 1/8"	MC106/083
06mm x 1/4"	MC106/163
1/4" x 1/8"	7063/1
1/4" x 1/4"	7063

## STUD ELBOW BSPT



Size	Part No.
06mm x 1/8"	ME106/083
06mm x 1/4"	ME106/163
1/4" x 1/8"	8023/1
1/4" x 1/4"	8023

*Fitting with compression nut for PVC Coated CU tube*

## MALE STUD

Size	Part No.
06mm x 1/4"	MC8406/163

## TEE



Size	Part No.
06mm	MT106
1/4"	2043

## EQUAL JOINER



Size	Part No.
06mm	MC106
1/4"	1043



## STUD ELBOW

Size	Part No.
06mm x 1/4"	ME8406/163



Tube OD	Tri-Clamp Size	Tri-Clamp Part No.	Gasket Part No.	Gasket Dims (approx)	
				OD	ID
1/2"	1/2"	13LAH-1/2-3/4-TL	40MP-G-1/2	22mm	10mm
3/4"	3/4"	13LAH-1/2-3/4-TL	40MP-G-3/4	22mm	16mm
1"	1"	13LAH-1-11/2-TL	40MP-G-1	50mm	22mm
1.5"	1.5"	13LAH-1-11/2-TL	40MP-G-11/2	50mm	35mm
2"	2"	13LAH-2-TL	40MP-G-2	64mm	48mm
2.5"	2.5"	13LAH-21/2-TL	40MP-G-21/2	77mm	61mm
3"	3"	13LAH-3-TL	40MP-G-3	91mm	74mm
4"	4"	13LAH-4-TL	40MP-G-4	118mm	98mm
6"	6"	13LAH-6-TL	40MP-G-6	166mm	147mm

**Type 13LAH Heavy Duty Clamp SS304**



**Solid PTFE Gasket/ O ring**



**Tri Clamp size is determined by the OD of the tubing, not the diameter of the ferrule flange**

**Notes:**

For smaller OD tubing (1/2" & 3/4") and (1" & 1.5"), the same Tri Clamp is used for each pair  
Compatible sizes can be joined directly, but different OD tubes will affect flow; also always use the larger gasket size. Eg, when joining 1" & 1.5" tube, always use a 1.5" gasket

**Solid Tri-clamp Blank**



-BPE suffix denotes SFF1 polish finish

Part No.	Size	Part No.	Size
16AMP-1/2-3/4-BPE	1/2" & 3/4"	16AMP-3	3"
16AMP-1-11/2-BPE	1" & 11/2"	16AMP-4	4"
16AMP-2	2"	16AMP-6	6"
16AMP-21/2	21/2"		

**Clamp x Male (21MP) & Female (22MP) Adaptor SS316L**



**21MP**

Size: T/C x NPT	Male Adaptor	Female Adaptor
1/2" x 1/2"	21MP-1/2-1/2	22MP-1/2-1/2
3/4" x 1/2"	21MP-3/4-1/2	22MP-3/4-1/2
1 x 1/2"	21MP-1-1/2	22MP-1-1/2
11/2" x 1/2"	21MP-11/2-1/2	22MP-11/2-1/2
2" x 1/2"		22MP-2-1/2

**Butt Weld Ferrule TL14AM7, SS316L**



Clamp x Tube	Part No.
1/2" x 1/2"	TL14AM7-SF1-1/2
3/4" x 3/4"	TL14AM7-SF1-3/4
1 x 1"	TL14AM7-SF1-1
11/2" x 11/2"	TL14AM7-SF1-11/2



## STEWART BUCHANAN GAUGES

Manufactured in Scotland, Stewarts offer a vast range of Premium Quality pressure and differential pressure gauges. For the optimal solution and the widest range of applications, there is a choice of measuring systems in bourdon tube, diaphragm element and capsule element technologies.

Stewarts have also developed a number of specialised gauges:

**VIBRAGAUGE®** – to alleviate problems caused by Vibration;

**SNUBBAGAUGE®** – to alleviate problems caused by Shock and Surge;

**NITELITEGAGE®** – for use in Dark Areas (Luminescent Dial & Reflective Pointers).

Model 732 (4" Dial)	Part No.	Range	Connection
Stainless Steel	732E76B	0-6 bar	1/2" BSPP
Bottom Connection	732E710B	0-10 bar	1/2" BSPP
Dual Scale psi/bar	732E716B	0-16 bar	1/2" BSPP
Accuracy 1%	732E720B	0-20 bar	1/2" BSPP
<b>Model 732 is a Vibragauge, no need to fill with glycerine</b>	732E86B	0-6 bar	1/2" NPT
	732E810B	0-10 bar	1/2" NPT
	732E816B	0-16 bar	1/2" NPT
	732E820B	0-20 bar	1/2" NPT
Model 632 (2.5" Dial)	Part No.	Range	Connection
Stainless Steel	632C34B	0-4 bar	1/4" BSPP
Bottom Connection	632C36B	0-6 bar	1/4" BSPP
Dual Scale psi/bar	632C310B	0-10 bar	1/4" BSPP
Accuracy 1%	632C316B	0-16 bar	1/4" BSPP
<b>Supplied as a dry gauge, can be glycerine filled</b>	632C44B	0-4 bar	1/4" NPT
	632C46B	0-6 bar	1/4" NPT
	632C410B	0-10 bar	1/4" NPT
	632C416B	0-16 bar	1/4" NPT



## New Calibration Service

We now offer a Calibration Service for gauges up to 20 bar at our workshop in Clonmel. Competitive rates and fast turnaround  
Part no. PRESSURE-CAL-HCCL



# GAUGES



## WIKA GAUGES

Part No.	Range	Connection
WG63-14B/-30HG	Vacuum -1 bar	1/4" BSPP bottom
WG63-14B-10G	0-10 bar	1/4" BSPP bottom
WG63-14R/-30HG	Vacuum -1 bar	1/4" BSPP back
WG63-14R-10G	0-10 bar	1/4" BSPP back



## ECONOMY GAUGES

Part No.	Range	Connection
G50-10T	0-10 bar	1/4" BST back
G50-10R	0-10 bar	1/8" BST back
G50-10C	0-10 bar	1/4" BST bottom
G50-06T	0-6 bar	1/4" BST back
G50-06C	0-6 bar	1/4" BST bottom
G50-04C	0-4 bar	1/4" BST bottom
G50-04B	0-4 bar	1/8" BST bottom



Dial size: 50mm  
 ABS case, brass connections

## PARKER 3 & 5 VALVE MANIFOLDS

Comprehensive range of two, three and five valve manifolds for pressure and flow measurement applications. Direct or remote mounting options. Process, instrument and vent connections can be provided in a variety of sizes and thread forms including NPT, BSPT and BSPP

## PARKER BLOCK & BLEED VALVES

This series of two-valve manifolds combine valves into one unitised block to perform isolation, bleed and calibration of pressure transmitters, gauges and switches. Process, instrument and vent connections can be provided in a variety of sizes and thread forms





# PNEUMATIC TUBE



**HANLEY CONTROLS**

CLONMEL

## SEMI RIGID PA (NYLON)

### 25m Tube pack

SIZE	Natural	Black	Blue	Grey
04 x 02mm	1025P04 00	1025P04 01	1025P04 04	
06 x 04mm	1025P06 00	1025P06 01	1025P06 04	1025P06 06
08 x 06mm	1025P08 00	1025P08 01	1025P08 04	
10 x 08mm	1025P10 00	1025P10 01	1025P10 04	1025P10 06
12 x 10mm	1025P12 00	1025P12 01	1025P12 04	
14 x 12mm	1025P14 00	1025P14 01	1025P14 04	
16 x 13mm		1025P16 01 13	1025P16 04 13	



### 100m Tube Pack

SIZE	Natural	Black	Blue	Grey	Red
04 x 02mm	1100P04 00	1100P04 01	1100P04 04		
06 x 04mm	1100P06 00	1100P06 01	1100P06 04	1100P06 06	1100P06 03
08 x 06mm	1100P08 00	1100P08 01			
10 x 08mm	1100P10 00	1100P10 01	1100P10 04		
12 x 10mm	1100P12 00				

### LARGE DRUMS 6MM

	Natural	Black	Blue	Grey	Red
500m Drum	2005P06 00	2005P06 01	2005P06 04	2005P06 06	2005P06 03
1000m Drum	2010P06 00	2010P06 01	2010P06 04	2010P06 06	2010P06 03

## POLYURETHANE (PU) ESTER

### 25m Tubepack

Size	Black	Blue	Red	Green
04 x 2.5mm	1025U04 01	1025U04 04	1025U04 03	1025U04 02
06 x 04mm	1025U06 01	1025U06 04	1025U06 03	1025U06 02
08 x 5.5mm	1025U08 01	1025U08 04	1025U08 03	1025U08 02
10 x 0.7mm	1025U10 01	1025U10 04	1025U10 03	1025U10 02
12 x 08mm	1025U12 01	1025U12 04	1025U12 03	1025U12 02



### 100m Tubepack

Size	Black	Blue	Red	Yellow
04 x 2.5mm		1100U04 04		
06 x 04mm	1100U06 01	1100U06 04	1100U06 03	
08 x 5.5mm	1100U08 01	1100U08 04		
10 x 0.7mm	1100U10 01	1100U10 04		
12 x 08mm		1100U12 04		1100U12 05

# TECHNICAL/PROJECT AIRLINE - SPECIALS



## LDPE NATURAL INNER C/W PVC OUTER SHEATH (1MM)

Internal & External use, UV stable, -20/+60 deg C

Flexible, abrasion and crush resistant, self extinguishing PVC outer sheath

	<b>SIZE</b>	<b>Green</b>
500m drum	06 x 04mm	1001 Y00 00 42
Shorter lengths available		alt reference P01L6X1STS/04



## ANTI-SPARK PU ETHER

Single layers, fireproof to UL94 V-0, -20/+70 deg C

Excellent flexibility & chemical resistance. Indoor applications

	<b>SIZE</b>	<b>Black</b>	<b>Blue</b>	<b>Red</b>
100m coil	06 x 04mm	1100U06K01		
	08 x 5.5mm	1100U08K01	1100U08K04	1100U08K03
	12 x 08mm	1100U12K01	1100U12K04	1100U12K03
300m drum	06 x 04mm	2003U06K01	2003U06K04	2003U06K03
	08 x 5.5mm	2003U08K01	2003U08K04	2003U08K03



## ADVANCED PE

Internal & External use, UV stable, -40/+95 deg C

FDA approved material, excellent chemical resistance

	<b>SIZE</b>	<b>Natural</b>	<b>Black</b>	<b>Blue</b>
75m coil	12 x 9mm	1075Y12F00	1075Y12F01	1075Y12F04
300m coil	06 x 04mm	1030Y06F00	1030Y06F01	1030Y06F04
900m coil	06 x 04mm	1090Y06F00		



## PTFE

Excellent chemical resistance, useful in high temp applications -270/+260 deg C

	<b>SIZE</b>	<b>Natural</b>
500m drum	06 x 04mm	A1AS111664
100m drum	06 x 04mm	A1AS002513
100m drum	1/4" OD	A1AS002899



**More PTFE sizes and shorter coil lengths on page xx**

# HOSE & TUBING



**HANLEY CONTROLS**

CLONMEL

**Braided Clear\* PVC Hose**  
30m coil



Part No.	ID
RPVC14	1/4"
RPVC38	3/8"
RPVC12	1/2"
RPVC34	3/4"
RPVC1	1"
RPVC114	1 1/4"
RPVC112	1 1/2"
RPVC2	2"

\*Other colours available

\*15m & 100m coils also available

**Clear Wire reinforced  
PVC Suction Hose**  
30m coil



Part No.	ID
FX050-30	1/2"
FX075-30	3/4"
FX100-30	1"
FX125-30	1 1/4"
FX150-30	1 1/2"
FX200-30	2"

**Copper Tube**



Part No.	OD	Coil
MCT-6/30	6mm	30m
MCT-8/30	8mm	30m
MCT-10/30	10mm	30m
MCT-12/30	12mm	30m
ICT-14/30	1/4"	30m
ICT-38/30	3/8"	30m

**PVC coated Copper  
Tube**



Part No.	OD	Coil
MSCT-6	6mm	30m
MSCT-8	8mm	30m
MSCT-10	10mm	30m
ISCT-14	1/4"	30m
ISCT-38	3/8"	30m

**PTFE TUBE**



Part No.	OD	Coil
PTFE6-100	6mm	(100m)
PTFE4-50	4mm	(50m)
PTFE8-50	8mm	(50m)
PTFE10-50	10mm	(50m)
PTFE12-50	12mm	(50m)

PFA, PVDF & FEP also available

**Soft unreinforced PVC**  
(for DPT)



Part No.	OD
CPVC8/5-30m	8mm
CPVC8/5-100m	8mm
CPVC8/5-500m	8mm

**Size (BSPT x ID)**

1/8" x 1/4"
1/8" x 3/8"
1/4" x 1/4"
1/4" x 3/8"
1/4" x 1/2"
3/8" x 1/4"
3/8" x 3/8"
3/8" x 1/2"
1/2" x 1/4"
1/2" x 3/8"
1/2" x 1/2"
1/2" x 3/4"
3/4" x 3/4"

**Part No.**

GT10/06K
GT10/09K
GT13/06K
GT13/09K
GT13/13K
GT17/06K
GT17/09K
GT17/13K
GT21/06K
GT21/09K
GT21/13K
GT21/19K
GT26/19K

**BRASS HOSE BARBS**



Stainless & Plastic versions  
also available

# HOSE CLAMPS & CLIPS



Mikalor O-Clip, zinc plated 2 ear



Part No.	Min	Max
3012101	5	7
3012110	7	9
3012128	9	11
3012136	11	12
3012144	13	15
3012152	14	17
3012160	15	18
3012179	17	20
3012187	18	21
3012195	20	23
3012208	22	25
3012216	23	27
3012224	25	28
3012232	28	31
3012240	31	34
3012259	34	37
3012267	37	40
3012275	40	43
3012283	43	46

Jubilee Clip, Stainless



Part No.	Min	Max
OOO-SS	9.5	12
MOO-SS	11	16
OO-SS	13	20
O-SS	16	22
OX-SS	18	25
1A-SS	22	30
1-SS	25	35
1X-SS	30	40
1M-SS	32	45
2A-SS	35	50
2-SS	40	55
2X-SS	45	60
3-SS	55	70
3X-SS	60	80
4-SS	70	90
4X-SS	85	100
5-SS	90	120
6-SS	110	140
6X-SS	120	150
7-SS	135	165
7 1/2-SS	158	190
8 1/2-SS	184	216
9 1/2-SS	210	242
10 1/2-SS	235	267
11 1/2-SS	260	292
12 1/2-SS	286	318

Jubilee Superclamp, zinc



Part No.	Min	Max
JSC19	17	19
JSC22	20	22
JSC25	23	25
JSC28	26	28
JSC31	29	31
JSC35	32	35
JSC39	36	39
JSC43	40	43
JSC47	44	47
JSC51	48	51
JSC55	52	55
JSC59	56	59
JSC63	60	63
JSC67	64	67
JSC73	68	73
JSC79	74	79
JSC85	80	85
JSC91	86	91
JSC97	92	97
JSC103	98	103
JSC112	104	112
JSC121	113	121
JSC130	122	130
JSC139	131	139
JSC148	140	148
JSC161	149	161
JSC174	162	174
JSC187	175	187
JSC200	188	200
JSC213	201	213
JSC226	214	226
JSC239	227	239



ALSO STOCKED IN MILD  
STEEL CHANGE SUFFIX  
TO MS.  
eg OO-MS

# MIKALOR



# PUSH-LOK HOSE SYSTEM



HANLEY CONTROLS

CLONMEL



82 Series - Brass



82 Series - Stainless



Mould Coupler

## WHY PUSH-LOK?

Parker's Push-Lok Plus multipurpose hose line features the widest fluid compatibility, application range and size range in the industry. It also incorporates the highest working pressure in all sizes, making it the most versatile general-purpose hose available.

### Easy Assembly and Organization

The Push-Lok system is easy to use. No clamps or special tools are required during installation. And with Parker's exclusive colorcode system, you can inventory, maintain and identify your hose needs easily and efficiently.

### Exceptional Value and Savings

Parker Push-Lok assemblies can be made in seconds, saving valuable time and cost.

And, Push-Lok 82 Series fittings are reusable. You can replace the hose at the job site without any special tools or clamps.

### Operational Integrity

Helping you maintain a clean work environment is another important reason to use Parker's Push-Lok system. Its unique seal ensures reliable, durable, leak-free service.

Outstanding quality, valuable efficiency and Parker's leak-free assurance are what you get with every Parker Push-Lok hose and fitting system. The industry's most complete line of low-pressure hose and fittings, Push-Lok offers the range and versatility to meet all your needs.

## PUSHLOK HOSE STOCKED

801PLUS-4	1/4"
801PLUS-6	3/8"
801PLUS-8	1/2"
801PLUS-12	3/4"
801PLUS-16	1"
830M-8	1/2"
830M-12	3/4"

COLOURS: Yellow, Blue, Red, Grey

## Assembly and Disassembly Steps

Assembly is easy

1. Cut hose cleanly and squarely with a sharp knife or a Parker Push-Lok cut-off tool
2. Lubricate the Push-Lok fitting and/or Hose I.D. with a light oil or soapy water only. Do not use heavy oil or grease.
3. Insert fitting into hose until the barb is in the hose.
4. Place end fitting against a flat object (bench or wall). Grip hose approximately one inch from end and push with steady force until the end of the hose bottoms on the fitting and is covered by the yellow plastic cap.



# HOSE REELS - AIR & WATER



## Transair Air Hose Reel (12 Bar)

PU Hose		L		Inlet	Outlet
180 deg Swivel	Part No.	mts	ID	BSPP	BSPP
Spring Return	6698 10 01	10	5/16"	1/4"	1/4"
Lightweight	6698 10 02	16	5/16"	1/4"	1/4"



## Air & Water Hose Reel (17 bar)

Reinforced PVC hose

180 deg Swivel		L		Inlet	Outlet
Spring Return	Part No.	mts	ID	BSPT	BSPT
Lightweight	ZA04-10B	10	3/8"	1/4"	1/4"
	ZA05-15B	15	3/8"	1/4"	1/4"
	ZA05-20B	20	3/8"	3/8"	3/8"



Hi-Vis versions available

## Air Hose Reel (20 & 28 Bar)

Rubber Hose		L		Inlet	Outlet
Spring Return	Part No.	mts	ID	BSPT	BSPT
Powder Coated	SAHR-15-38	15	3/8"	3/8"	3/8"
Steel	SAHR-15-12	15	1/2"	1/2"	1/2"



## Air & Water Hose Reel (20 Bar)

PU Hose		L		Inlet	Outlet
Spring Return	Part No.	mts	ID	BSPT	BSPT
SS304 body	SSHR-15-	15	3/8"	3/8"	3/8"
	38SHV06T				





**HANLEY CONTROLS**

CLONMEL

**Standard Blowgun,  
Lower Connection 1/4"  
BSPP female**

Part No. 0659 00 13



**Progressive Control Blowgun,  
Lower Conn, Interchange  
Nozzle, 1/4" BSPP**

Part No. 0652 66 13



**Safety Blowgun, Lower  
Connection 1/4" BSPP  
female**

Part No. 0654 00 13



**Safety Angled Nozzle (short)**  
M12 x 1.25

Part No. 0690 06 00



**Energy Saving Blowgun Kit,  
Angled Nozzle, Male 1/4"  
BSPT Thread**

Part No. 0631 00 23



**Angled Nozzle (short)**  
M12 x 1.25

Part No 0690 06 01



**Safety Booster Nozzle w/Air Screen**  
M12 x 1.25

Part No. 0690 11 00



**PA RECOIL TUBE, MALE ENDS**

Blue

Length	Size	Thread	Part no.
2m	06 x 04mm	1/4" BSPT	1470P06 04 13
2m	08 x 06mm	1/4" BSPT	1470P08 04 13
4m	06 x 04mm	1/4" BSPT	1471P06 04 13
4m	08 x 06mm	1/4" BSPT	1471P08 04 13
6m	06 x 04mm	1/4" BSPT	1472P06 04 13
6m	08 x 06mm	1/4" BSPT	1472P08 04 13



**PU ESTER RECOIL TUBE, MALE ENDS**

Blue

Length	Size	Thread	Part no.
2m	04 x 2.5mm	1/8" BSPT	1470U04 04 10
2m	06 x 04mm	1/4" BSPT	1470U06 04 13
2m	08 x 05mm	1/4" BSPT	1470U08 04 13
2m	10 x 07mm	1/4" BSPT	1470U10 04 13
2m	12 x 08mm	3/8" BSPT	1470U12 04 17
4m	04 x 2.5mm	1/8" BSPT	1471U04 04 10
4m	06 x 04mm	1/4" BSPT	1471U06 04 13
4m	08 x 05mm	1/4" BSPT	1471U08 04 13
4m	10 x 07mm	1/4" BSPT	1471U10 04 13
4m	12 x 08mm	3/8" BSPT	1471U12 04 17
6m	08 x 05mm	1/4" BSPT	1472U08 04 13
6m	10 x 07mm	1/4" BSPT	1472U10 04 13
6m	12 x 08mm	3/8" BSPT	1472U12 04 17





**HANLEY CONTROLS**

CLONMEL

**MALE STUD  
BSPT**



Size	Part No.
04mm x 1/8"	3175 04 10
04mm x 1/4"	3175 04 13
04mm x 3/8"	3175 04 17
06mm x 1/8"	3175 06 10
06mm x 1/4"	3175 06 13
06mm x 3/8"	3175 06 17
06mm x 1/2"	3175 06 21
08mm x 1/8"	3175 08 10
08mm x 1/4"	3175 08 13
08mm x 3/8"	3175 08 17
08mm x 1/2"	3175 08 21
10mm x 1/8"	3175 10 10
10mm x 1/4"	3175 10 13
10mm x 3/8"	3175 10 17
10mm x 1/2"	3175 10 21
12mm x 1/4"	3175 12 13
12mm x 3/8"	3175 12 17
12mm x 1/2"	3175 12 21
14mm x 3/8"	3175 14 17
14mm x 1/2"	3175 14 21
16mm x 3/8"	3175 16 17
16mm x 1/2"	3175 16 21

**MALE STUD  
BSPP & Metric**



Size	Part No.
04mm x M5	3101 04 19
06mm x M5	3101 06 19
10mm x 1/4"	3101 10 13
10mm x 3/8"	3101 10 17

**STUD ELBOW  
BSPP**



Size	Part No.
04mm x M5	3199 04 19
06mm x 1/4"	3199 06 13
08mm x 1/4"	3199 08 13
10mm x 1/4"	3199 10 13
06mm x 1/4"	3199 12 13

**STUD ELBOW  
BSPT**



Size	Part No.
04mm x 1/8"	3109 04 10
04mm x 1/4"	3109 04 13
04mm x 3/8"	3109 04 17
06mm x 1/8"	3109 06 10
06mm x 1/4"	3109 06 13
06mm x 3/8"	3109 06 17
06mm x 1/2"	3109 06 21
08mm x 1/8"	3109 08 10
08mm x 1/4"	3109 08 13
08mm x 3/8"	3109 08 17
08mm x 1/2"	3109 08 21
10mm x 1/8"	3109 10 10
10mm x 1/4"	3109 10 13
10mm x 3/8"	3109 10 17
10mm x 1/2"	3109 10 21
12mm x 1/4"	3109 12 13
12mm x 3/8"	3109 12 17
12mm x 1/2"	3109 12 21
14mm x 3/8"	3109 14 17
14mm x 1/2"	3109 14 21
16mm x 3/8"	3109 16 17
16mm x 1/2"	3109 16 21

**EXTENDED  
STUD ELBOW  
BSPT**



Size	Part No.
06mm x 1/8"	3129 06 10
06mm x 1/4"	3129 06 13
08mm x 1/8"	3129 08 10
08mm x 1/4"	3129 08 13
08mm x 3/8"	3129 08 17
10mm x 1/4"	3129 10 13
10mm x 3/8"	3129 10 17
10mm x 1/2"	3129 10 21

**FEMALE STUD  
BSPP & Metric**



Size	Part No.
04mm x M5	3114 04 19
04mm x 1/8"	3114 04 10
04mm x 1/4"	3114 04 13
06mm x 1/8"	3114 06 10
06mm x 1/4"	3114 06 13
08mm x 1/8"	3114 08 10
08mm x 1/4"	3114 08 13
08mm x 3/8"	3114 08 17
10mm x 1/4"	3114 10 13
10mm x 3/8"	3114 10 17
10mm x 1/2"	3114 10 21
12mm x 3/8"	3114 12 17
12mm x 1/2"	3114 12 21
14mm x 3/8"	3114 14 17
16mm x 1/2"	3114 16 21

**BULKHEAD  
BSPP**



Size	Part No.
04mm x 1/8"	3136 04 10
04mm x 1/4"	3136 04 13
06mm x 1/8"	3136 06 10
06mm x 1/4"	3136 06 13
06mm x 3/8"	3136 06 17
08mm x 1/8"	3136 08 10
08mm x 1/4"	3136 08 13
10mm x 3/8"	3136 10 17
12mm x 3/8"	3136 12 17
12mm x 1/2"	3136 12 21
16mm x 3/8"	3136 16 17
16mm x 1/2"	3136 16 21


**HANLEY CONTROLS**

CLONMEL

**EQUAL JOINER**


Size	Part No.
04mm	3106 04 00
06mm	3106 06 00
08mm	3106 08 00
10mm	3106 10 00
12mm	3106 12 00
14mm	3106 14 00
16mm	3106 16 00

**EQUAL ELBOW**


Size	Part No.
04mm	3102 04 00
06mm	3102 06 00
08mm	3102 08 00
10mm	3102 10 00
12mm	3102 12 00
14mm	3102 14 00
16mm	3102 16 00

**EQUAL TEE**


Size	Part No.
04mm	3104 04 00
06mm	3104 06 00
08mm	3104 08 00
10mm	3104 10 00
12mm	3104 12 00
14mm	3104 14 00
16mm	3104 16 00

**BULK HEAD**


Size	Part No.
04mm	3116 04 00
06mm	3116 06 00
08mm	3116 08 00
10mm	3116 10 00
12mm	3116 12 00
14mm	3116 14 00

**CROSS**


Size	Part No.
04mm	3107 04 00
06mm	3107 06 00
08mm	3107 08 00

**PLUG**


Size	Part No.
04mm	3126 04 00
06mm	3126 06 00
08mm	3126 08 00
10mm	3126 10 00
12mm	3126 12 00
14mm	3126 14 00
16mm	3126 16 00

**END CAP**


Size	Part No.
06mm	3151 06 00
08mm	3151 08 00
10mm	3151 10 00
12mm	3151 12 00

**STUD STAND PIPE Male BSPP**


Size	Part No.
06mm x 1/8"	3131 06 10

**REDUCER Push-in x Stem**


Size	Part No.
04 x 06mm	3166 04 06
04 x 08mm	3166 04 08
04 x 10mm	3166 04 10
06 x 08mm	3166 06 08
06 x 10mm	3166 06 10
06 x 12mm	3166 06 12
06 x 14mm	3166 06 14
08 x 10mm	3166 08 10
08 x 12mm	3166 08 12
08 x 14mm	3166 08 14
10 x 12mm	3166 10 12
10 x 14mm	3166 10 14
12 x 14mm	3166 12 14

**INCREASER Push-in x Stem**


Size	Part No.
06 x 04mm	3168 06 04
08 x 06mm	3168 08 06
12 x 08mm	3168 12 08
12 x 10mm	3168 12 10

**STUD BRANCH TEE BSPT**


Size	Part No.
06mm x 1/8"	3108 06 10
06mm x 1/4"	3108 06 13
08mm x 1/8"	3108 08 10
08mm x 1/4"	3108 08 13
10mm x 1/8"	3108 10 13
10mm x 1/4"	3108 10 17
12mm x 1/8"	3108 12 13
12mm x 1/4"	3108 12 17



# legris LF3600 PUSH-IN

Nickel plated brass (FDA approved materials 21CFR)  
Vaccum to 30 Bar, -20 / +150 deg C



## MALE STUD BSPT



Size	Part No.
04mm x 1/8"	3675 04 10
04mm x 1/4"	3675 04 13
06mm x 1/8"	3675 06 10
06mm x 1/4"	3675 06 13
08mm x 1/8"	3675 08 10
08mm x 3/8"	3675 08 17
10mm x 1/4"	3675 10 13
10mm x 3/8"	3675 10 17
10mm x 1/2"	3675 10 21
12mm x 1/4"	3675 12 13
12mm x 3/8"	3675 12 17
12mm x 1/2"	3675 12 21
14mm x 3/8"	3675 14 17
14mm x 1/2"	3675 14 21

## MALE STUD ELBOW BSPT



Size	Part No.
04mm x 1/8"	3609 04 10
04mm x 1/4"	3609 04 13
06mm x 1/8"	3609 06 10
06mm x 1/4"	3609 06 13
08mm x 1/8"	3609 08 10
08mm x 1/4"	3609 08 13
08mm x 3/8"	3609 08 17
10mm x 1/4"	3609 10 13
10mm x 3/8"	3609 10 17
12mm x 1/4"	3609 12 13
12mm x 3/8"	3609 12 17
12mm x 1/2"	3609 12 21
14mm x 3/8"	3609 14 17
14mm x 1/2"	3609 14 21

## MALE STUD, BSPP & Metric



Size	Part No.
04mm x M5	3601 04 19
06mm x M5	3601 06 19

## EQUAL TEE



Size	Part No.
04mm	3604 04 00
06mm	3604 06 00
08mm	3604 08 00
10mm	3604 10 00
12mm	3604 12 00
14mm	3604 14 00

## MALE STUD ELBOW BSPP & Metric



Size	Part No.
04mm x M5	3699 04 19
06mm x 1/4"	3699 06 13

## BULKHEAD



Size	Part No.
04mm	3616 04 00
06mm	3616 06 00
08mm	3616 08 00
10mm	3616 10 00
12mm	3616 12 00
14mm	3616 14 00

## EQUAL JOINER



Size	Part No.
04mm	3606 04 00
06mm	3606 06 00
08mm	3606 08 00
10mm	3606 10 00
12mm	3606 12 00
14mm	3606 14 00

## REDUCER Push-in x Stub



Size	Part No.
04 x 06mm	3666 04 06
04 x 08mm	3666 04 08
06 x 08mm	3666 06 08
06 x 10mm	3666 06 10
08 x 10mm	3666 08 10
08 x 12mm	3666 08 12
10 x 12mm	3666 10 12
12 x 14mm	3666 12 14

## EQUAL ELBOW



Size	Part No.
04mm	3602 04 00
06mm	3602 06 00
08mm	3602 08 00
10mm	3602 10 00
12mm	3602 12 00
14mm	3602 14 00



# LF3800 PUSH-IN SS316

SS316 Body & Collet

Vaccum to 30 Bar, -25 / +150 deg C



**HANLEY CONTROLS**

CLONMEL



## MALE STUD

Size	BSPT	NPT	BSPP
04mm x 1/8"	3805 04 10	3805 04 11	3801 04 10
04mm x 1/4"	3805 04 13	n/a	n/a
06mm x 1/8"	3805 06 10	3805 06 11	3801 06 10
06mm x 1/4"	3805 06 13	3805 06 14	3801 06 13
08mm x 1/8"	3805 08 10	3805 08 11	3801 08 10
08mm x 1/4"	3805 08 13	3805 08 14	3801 08 13
08mm x 3/8"	3805 08 17	3805 08 18	3801 08 17
10mm x 1/4"	3805 10 13	3805 11 14	3801 10 13
10mm x 3/8"	3805 10 17	3805 11 18	3801 10 17
12mm x 1/4"	3805 12 13	3805 12 14	3801 12 13
12mm x 3/8"	3805 12 17	3805 12 18	3801 12 17
12mm x 1/2"	3805 12 21	3805 12 21	n/a

## EQUAL TEE



Size	Part No.
04mm	3804 04 00
06mm	3804 06 00
08mm	3804 08 00
10mm	3804 10 00
12mm	3804 12 00
14mm	3804 14 00

## BULKHEAD



Size	Part No.
04mm	3816 04 00
06mm	3816 06 00
08mm	3816 08 00
10mm	3816 10 00
12mm	3816 12 00
14mm	3816 14 00

## EQUAL JOINER



Size	Part No.
04mm	3806 04 00
06mm	3806 06 00
08mm	3806 08 00
10mm	3806 10 00
12mm	3806 12 00
14mm	3806 14 00

## MALE STUD ELBOW



Size	BSPT	NPT	BSPP
04mm x 1/8"	3889 04 10	3889 04 11	3879 04 10
04mm x 1/4"	3889 04 13	n/a	3879 04 13
06mm x 1/8"	3889 06 10	3889 06 11	3879 06 10
06mm x 1/4"	3889 06 13	3889 06 14	3879 06 13
08mm x 1/8"	3889 08 10	3889 08 11	3879 08 10
08mm x 1/4"	3889 08 13	3889 08 14	3879 08 13
08mm x 3/8"	3889 08 17	n/a	3879 08 17
10mm x 1/4"	3889 10 13	3889 11 14	3879 10 13
10mm x 3/8"	3889 10 17	3889 11 18	3879 10 17
12mm x 1/4"	3889 12 13	3889 12 14	3879 12 13
12mm x 3/8"	3889 12 17	3889 12 18	3879 12 17
12mm x 1/2"	3889 12 21	3889 12 21	3879 12 21

## EQUAL ELBOW



Size	Part No.
04mm	3802 04 00
06mm	3802 06 00
08mm	3802 08 00
10mm	3802 10 00
12mm	3802 12 00
14mm	3802 14 00

## REDUCER

### Push-in x Stub



Size (mm)	Part No.
04 x 06	3866 04 06
04 x 08	3866 04 08
06 x 08	3866 06 08
06 x 10	3866 06 10
08 x 10	3866 08 10
08 x 12	3866 08 12
10 x 12	3866 10 12



# FUNCTION FITTINGS

## Compact Flow Regulator Exhaust, BSPP



Size	Part No.
04mm x 1/8"	7060 04 10
06mm x 1/8"	7060 06 10
06mm x 1/4"	7060 06 13
08mm x 1/8"	7060 08 10
08mm x 1/4"	7060 08 13
08mm x 3/8"	7060 08 17
10mm x 1/4"	7060 10 13
10mm x 3/8"	7060 10 17
12mm x 3/8"	7060 12 17
12mm x 1/2"	7060 12 21

## In-line One-way Flow Regulator



Size	Part No.
04mm	7770 04 00
06mm	7770 06 00
08mm	7770 08 00
10mm	7770 10 00
12mm	7770 12 00

## Soft Start Fitting for Isolating Valve, Male BSPP



Size	Part No.
08mm x 1/4"	7860 08 13

## Quick Exhaust Valve, BSPP



Size	Part No.
1/8"	7970 10 10
1/4"	7970 13 13
3/8"	7970 17 17
1/2"	7970 21 21
3/4"	7970 27 27

## Polymer Silencer, BSPP & Metric



Size	Part No.
M5	0674 00 19
1/8"	0674 00 10
1/4"	0674 00 13
3/8"	0674 00 17
1/2"	0674 00 21

## Flow Control Silencer, BSPP & Metric



Size	Part No.
M5	0676 00 19
1/8"	0676 00 10
1/4"	0676 00 13
3/8"	0676 00 17
1/2"	0676 00 21

## Compact Silencer, BSPP & Metric



Size	Part No.
M5	0673 00 19
1/8"	0673 00 10
1/4"	0673 00 13
3/8"	0673 00 17
1/2"	0673 00 21

## Silencer, BSPP & Metric



Size	Part No.
M5	0675 00 19
1/8"	0675 00 10
1/4"	0675 00 13
3/8"	0675 00 17
1/2"	0675 00 21

## In-line Equal Check Valve



Size	Part No.
04mm	7996 04 00
06mm	7996 06 00
08mm	7996 08 00
10mm	7996 10 00
12mm	7996 12 00

## Blocker / Flow Reg BSPP



Size	Part No.
06mm x G1/8"	7883 06 10
08mm X G1/4"	7883 08 13
08mm X G3/8"	7883 08 17

## 2/2 In-line Mini Ball Valve



Size	Part No.
04mm	7910 04 00
06mm	7910 06 00
08mm	7910 08 00
10mm	7910 10 00
12mm	7910 12 00
14mm	7910 14 00

## 3/2 In-line Mini Ball Valve



Size	Part No.
04mm	7913 04 00
06mm	7913 06 00
08mm	7913 08 00
10mm	7913 10 00
12mm	7913 12 00



<b>REGULATOR</b> P3LRA12BNGP	<b>Size</b> 1/4"	<b>Type</b> Relieving	<b>Gauge</b> 8 bar		
<b>FILTER</b> P3LFA12EPSN	<b>Size</b> 1/4"	<b>Type</b> 5 micron	<b>Drain</b> Semi-auto		
<b>COALESCING FILTER</b> P3LFA12CPPN	<b>Size</b> 1/4"	<b>Type</b> 0.01 micron	<b>Drain</b> Manual push		
<b>FILTER REG</b> P3LEA12GPPBNNP P3LEA12EPPBNGP	<b>Size</b> 1/4" 1/4"	<b>Type</b> Relieving Relieving	<b>Drain</b> Manual push Manual push	<b>Gauge</b> none 8 bar	<b>Filter</b> 40 micron 5 micron
<b>FRL COMBO</b> P3LCA12PEPNGLNW P3LCA12PESNGLNW	<b>Size</b> 1/4" 1/4"	<b>Type</b> Relieving Relieving	<b>Drain</b> Manual push Semi-auto	<b>Gauge</b> 8 Bar 8 Bar	<b>Filter</b> 5 micron 5 micron



**Angle Bracket**



**Part No.**  
P3LKA00MR

**Panel Nut**



**Part No.**  
P3LKA00MP

**Parker Pneumatic**

**P3L - Lite Series Air Preparation System**

- Compact body ported units
- Port size G<sup>1</sup>/<sub>4</sub>
- Unique deflector plate ensuring maximum water and particulate removal
- Solid control piston with lip seal for extended life.
- Proportional oil delivery over a wide range of air flows.





**HANLEY CONTROLS**  
CLONMEL

REGULATOR	Size	Type	Gauge
P31RB12BNTP	1/4"	Relieving	8 bar (square)
P31RB12BNNP	1/4"	Relieving	none

FILTER	Size	Type	Drain
P31FB12EGMN	1/4"	5 micron	Manual
P31FB12EGBN	1/4"	5 micron	Pulse

COALESCING FILTER	Size	Type	Drain
P31FB12DGMN	1/4"	0.01 micron	Manual
P31FB12DGBN	1/4"	0.01 micron	Pulse

FILTER REG	Size	Type	Drain	Gauge
P31EB12EGMBNTP	1/4"	Relieving	Manual	10 bar
P31EB12EGMBNNP	1/4"	Relieving	Manual	none
P31EB12EGBBNTP	1/4"	Relieving	Pulse	10 bar

FRL COMBO	Size	Type	Drain	Gauge
P31CA12GEMNTLNW	1/4"	Relieving	Pulse	10 bar

BALL/LOCKOUT VALVE	Size
P31VB12LBNN	1/4"

BODY CONNECTOR	Size
P31KA00CB	1/4"



Panel Nut (Alu)



P31KA00MM

**ACCESSORIES**

**Gauge**



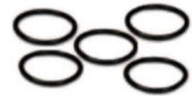
P3D-KAB1ANN

**Angle Bracket**



P31KB00MR

**O-ring Kit**



P31KA00CY

**Key-lock Kit**



P31KB00AL

**P31 Mini Series**

40mm body width

1/4" Ported

Flows up to:	dm <sup>3</sup> /s	(SCFM)
Filter	12	(25)
Coalescer	2	(4.2)
Regulator	30	(64)
Filter/Regulator	14	(30)
Lubricator	13	(28)

Features:

- Space saving integral gauge
- Manifold style regulators available
- OSHA compliant shut-off valves
- Soft-Start & Quick Dump valves
- Electronic Proportional Regulator





**HANLEY CONTROLS**

CLONMEL

<b>REGULATOR</b> P32RB14BNGP	<b>Size</b> 1/2"	<b>Type</b> Relieving	<b>Gauge</b> 8 bar	
<b>FILTER</b> P32FB14EGMN P32FB14EGAN	<b>Size</b> 1/2" 1/2"	<b>Type</b> 5 micron 5 micron	<b>Drain</b> Manual Auto	
<b>COALESCING FILTER</b> P32FB14DGMN P32FB14DGAN	<b>Size</b> 1/2" 1/2"	<b>Type</b> 0.01 micron 0.01 micron	<b>Drain</b> Manual Auto	
<b>FILTER REG</b> P32EB14EGMBNGP P32EB14EGMNNNP	<b>Size</b> 1/2" 1/2"	<b>Type</b> Relieving Non-Relieving	<b>Drain</b> Manual Manual	<b>Gauge</b> 8 bar none
<b>FRL COMBO</b> P32CA14GEMNGLNW	<b>Size</b> 1/2"	<b>Type</b> Relieving	<b>Drain</b> Manual	<b>Gauge</b> 8 bar
<b>BALL/LOCKOUT VALVE</b> P32VB14LBNN	<b>Size</b> 1/2"			
<b>BODY CONNECTOR</b> P32KA00CB	<b>Size</b> 1/2"			



**ACCESSORIES**

**Gauge**



P6G-ERB2110



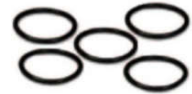
**Angle Bracket**



P32KB00MR



**O-ring Kit**



P32KA00CY



**Key-lock Kit**



P32KB00AL



**Panel Nut (Alu)**



P32KA00MM



**P32 Compact Series**

60mm body width

1/4", 3/8", & 1/2" Ported

Flows up to: dm<sup>3</sup>/s (SCFM)

Filter	38	(80)
Coalescer	11	(23)
Regulator	67	(142)
Filter/Regulator	64	(136)
Lubricator	47	(100)

Features:

- Manifold style regulators available
- OSHA Compliant shut-off valves
- Soft-Start & Quick Dump valves
- Electronic Proportional Regulator







# P3X MODUFLEX LITE



**HANLEY CONTROLS**

CLONMEL

REGULATOR	Size	Type	Gauge
P3XRA14BNGN	1/2"	Relieving	8 bar
P3XRA16BNGN	3/4"	Relieving	8 bar



## ACCESSORIES

### Gauge



KG8012-00

FILTER	Size	Type	Drain
P3XFA14EGCN	1/2"	5 micron	Manual/semi-auto



### Wall Bracket



P3XKA00MW

COALESCING FILTER	Size	Type	Drain
P3XFA14DGCN	1/2"	0.01 micron	Manual/semi-auto

FILTER REG	Size	Type	Drain	Gauge
P3XEA14EGCBNGN	1/2"	Relieving	Man/S.A.	8 bar
P3XEA16EGCBNGN	3/4"	Relieving	Man/S.A.	8 bar



### Modular Connector

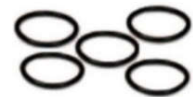


P3XKA00CB

FRL COMBO	Size	Type	Drain	Gauge
P3XCA14GEANGPNW	1/2"	Relieving	Auto	8 Bar
P3XCA14GECNGPNW	1/2"	Relieving	Man/S.A.	8 Bar



### O-ring Kit



P3XKA04CY

FRL & SLIDE VALVE	Size	Type	Drain	Gauge
P3XAA14GECNGPNW	1/2"	Relieving	Man/S.A.	8 Bar



### Panel Nut



P3XKA00MM

### Key-lock Kit



P3XKA00AS

**For larger sizes, ask us about**

## P3Y Series Air Preparation

3/4" & 1" Body Ported



## P3Z Series Air preparation

1 1/2" & 2" Ported



# ROSS CONTROLS SAFETY SOLUTIONS



## Fluid Power Safety Products and Solutions



M35 Series Double  
Valves for External  
Monitoring



Classic L-O-X Manual  
Lockout Valve



Hydraulic Block &  
Bleed



# RODLESS CYLINDERS



## High Performance... From Foundry to Clean Room

Our **ORIGA System Plus - Pneumatic (OSP-P)** rodless cylinder is designed for maximum strength and minimum weight

Offering complete flexibility for design engineers. The OSP-P cylinder's compact design combines actuation, guidance and control. And it includes modular accessories and components.

The OSP-P is available in pneumatic and electric drive types and offers:

- Stainless steel sealing band for ultra low-friction travel
- Low-profile piston with optimum guidance
- Single-end and multi-position air supply options
- Extended seal life for minimum of 8,000 km operation
- High direct-load carrying capacity
- Stroke lengths up to 6000 mm (longer on request)





# PNEUMATIC CYLINDERS



Parker P1F-S  
ISO 15552/VDMA Cylinders  
**MADE TO ORDER**  
in our Clonmel workshop

The innovative P1F is a future-proof generation of ISO cylinders. The cylinders are double-acting, with a unique design of air cushioning. The light, stiff body extrusion has sensor grooves for simple and protected sensor installation.

Installation dimensions according to international standards Complies with the ISO 6431, ISO 15552, VDMA 24562 and AFNOR installation dimension standards.

## ORDERING GUIDE / Part No. Structure

<b>P</b>	<b>1</b>	<b>F</b>	<b>-</b>	<b>S</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>M</b>	<b>S</b>	<b>-</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
					Bore				Stroke					

Bore
032 = 32mm
040 = 40mm
050 = 50mm
063 = 63mm
080 = 80mm
100 = 100mm
125 = 125mm

Stroke
0100 = 100mm
Custom strokes up to 2800mm available

## P1F-S ACCESSORIES



Size	Clevis Bracket MP2	Clevis Bracket MP4	Clevis	Swivel Rod Eye
32mm	P1C-4KMT	P1C-4KME	P1C-4KRC	P1C-4KRS
40mm	P1C-4LMT	P1C-4LME	P1C-4LRC	P1C-4LRS
50mm	P1C-4MMT	P1C-4MME	P1C-4MRC	P1C-4MRS
63mm	P1C-4NMT	P1C-4NME	P1C-4MRC	P1C-4MRS
80mm	P1C-4PMT	P1C-4PME	P1C-4PRC	P1C-4PRS
100mm	P1C-4QMT	P1C-4QME	P1C-4PRC	P1C-4PRS
125mm	P1C-4RMT	P1C-4RME	P1C-4RRC	P1C-4RRS



## P1F-S ACCESSORIES contd.



Size	Pivot Bracket	Foot Bracket MS1	Flange MF1/MF2	Mounting Kit
32mm	P1C-4KMD	P1C-4KMF	P1C-4KMB	P1E-6KB0
40mm	P1C-4LMD	P1C-4LMF	P1C-4LMB	P1E-6LB0
50mm	P1C-4MMD	P1C-4MMF	P1C-4MMB	P1E-6MB0
63mm	P1C-4NMD	P1C-4NMF	P1C-4NMB	P1E-6NB0
80mm	P1C-4PMD	P1C-4PMF	P1C-4PMB	P1E-6PB0
100mm	P1C-4QMD	P1C-4QMF	P1C-4QMB	P1E-6QB0
125mm	P1C-4RMD	P1C-4RMF	P1C-4RMB	

### P1A Mini Cylinder Double Acting - ISO 6432



Part No.	Bore	Stroke
P1A-S016DS-0025	16mm	25mm
P1A-S016DS-0050	16mm	50mm
P1A-S016DS-0080	16mm	80mm
P1A-S020DS-0025	20mm	25mm
P1A-S020DS-0050	20mm	50mm
P1A-S020DS-0080	20mm	80mm
P1A-S020DS-0100	20mm	100mm
P1A-S025DS-0025	25mm	25mm
P1A-S025DS-0050	25mm	50mm
P1A-S025DS-0080	25mm	80mm
P1A-S025DS-0100	25mm	100mm

### Clevis Bracket



Size	Part No.
16mm	P1A-4DMT
20/25mm	P1A-4HMT

### Foot MS8



Size	Part No.
16mm	P1A-4DMF
20/25mm	P1A-4HMF

### Clevis



Size	Part No.
16mm	P1A-4DRC
20mm	P1A-4HRC
25mm	P1A-4JRC

### P1A Mini Cylinder Spring Return - ISO 6432

Part No.	Bore	Stroke
P1A-S020SS-0025	20mm	25mm
P1A-S020SS-0050	20mm	50mm
P1A-S025SS-0025	25mm	25mm
P1A-S025SS-0050	25mm	50mm

### Swivel Rod Eye



Size	Part No.
16mm	P1A-4DRS
20mm	P1A-4HRS
25mm	P1A-4JRS

### Reed Switch 24-230V AC/DC Sensor Mount

Part No.
P8S-GRFLX2
P8S-TMC01



# SOLENOID / PNEUMATIC VALVES



## Flow Rate Qmax

P2LAZ: 19.0l/s P2LBZ: 38.0l/s P2LCZ: 72.0l/s P2LDX: 78.0l/s



3/2 - Solenoid/Spring



3/2 - Solenoid/Solenoid



5/2 - Solenoid/Spring



5/2 - Solenoid/Solenoid

## Parker Viking Lite Directional Control Valve

Size	Part No.	Type	Actuation
1/8"	P2LAZ311ESNDCN	3/2	Sol/Spring
1/8"	P2LAZ511EENDCN	5/2	Sol/Sol
1/8"	P2LAZ511ESNDCN	5/2	Sol/Spring
1/4"	P2LBZ312ESNDCN	3/2	Sol/Spring
1/4"	P2LBZ512ESNDCN	5/2	Sol/Spring
1/4"	P2LBZ512EENDCN	5/2	Sol/Sol
1/4"	P2LBZ612EENDCN	5/3	Sol/Sol (Closed)
1/4"	P2LBZ712EENDCN	5/3	Sol/Sol (Pressurized)
1/4"	P2LBZ812EENDCN	5/3	Sol/Sol (Vented)
3/8"	P2LCZ313ESNDCN	3/2	Sol/Spring
3/8"	P2LCZ513EENDCN	5/2	Sol/Sol
3/8"	P2LCZ513ESNDCN	5/2	Sol/Spring
1/2"	P2LDX614EENDDN	5/3	Sol/Sol (Closed)
1/2"	P2LDX514ESNDDN	5/2	Sol/Spring

## Solenid Coil 22mm



Part No.	Voltage
P2FCB440	12vAC
P2FCB442	24vAC
P2FCB445	12vDC
P2FCB449	24vDC
P2FCB451	48vDC
P2FCB453	120vAC
P2FCB457	230vAC

## DIN Plug/ Connector 22mm



Part No.	Type
3EV10V10	Standard
3EV10V20-24	24v w/LED
3EV10V20-24L5	24v w/LED & 5m fly lead
3EV10V20-110	110v w/LED
3EV10V20-110L5	110v w/LED & 5m fly lead
3EV10V20-230	230v w/LED
3EV10V20-230L5	230v w/LED & 5m fly lead

## Manifold Bar 3/2 valve - P2LA & P2LB

Valves	Part No.
4	91213204SXZ
6	91213206SXZ
8	91213208SXZ
Blank	912132PBSXZ



## Manifold Bar 5/2 valve - P2LA

Valves	Part No.
4	9121658075
6	9121658076
8	9121658077
Blank	9121658063



## Manifold Bar 5/2 valve - P2LA

Valves	Part No.
4	9121594806X
6	9121594807X
8	9121594808X
Blank	9121594809X



## Spare Solenoid Nut



Part No.	
P2FND	Vented
P2FNP	Captured



# SOLENOID / PNEUMATIC VALVES



**HANLEY CONTROLS**

C L O N M E L

## Isomax ISO 5599-1 CNOMO operator



Part No. (Body only)	Type	Size	Actuation	Return
DX1-606-BN	5/2	1 (43mm)	Solenoid	Solenoid
DX1-621-BN	5/2	1 (43mm)	Solenoid	Spring
DX2-606-BN	5/2	2 (56mm)	Solenoid	Solenoid
DX2-621-BN	5/2	2 (56mm)	Solenoid	Spring
DX1-616-BN	5/3	1 (43mm)	Solenoid	Solenoid
DX2-616-BN	5/3	2 (56mm)	Solenoid	Solenoid

## Single Subbase with side ports



Part No.	Size	Port	Side ported Manifold	Size	Port
PL1-1/4-70	1	1/4" BSP	P2N-EM512MD	1	1/4"
PL1-3/8-70	1	3/8" BSP	P2N-EM513MD	2	3/8"
PL2-3/8-70	2	3/8" BSP			
P2N-HS514SS	2	1/2" BSP	<b>Connecting kit</b>	<b>Size</b>	<b>Port</b>
			P2N-EM513ES	1	1/4"
			P2N-EM514ES	2	3/8"

*Use suffix -80 for NPT threads*

## Solenoid Coil 30mm



Part No.	Voltage
P2FCA445	24vAC
P2FCA449	24vDC
P2FCA453	120vAC
P2FCA457	230vAC

## DIN Plug / Connector 30mm



Part No.	Type
3EV290V10	Standard w/o LED or fly lead
3EV290V20-24L5	24v w/LED & 5m fly lead
3EV290V20-110L5	110v w/LED & 5m fly lead
3EV290V20-230L5	230v w/LED & 5m fly lead



# PNEUMATIC VALVES



HANLEY CONTROLS

CLONMEL

## Viking Extreme 3/2 & 5/2 Pneumatic & Lever Valves



PP/PS



VV/VS

Part No.	Type	Size	Actuator	Return
P2LBX312PP	3/2	1/4"	Air	Air
P2LAX511PP	5/2	1/8"	Air	Air
P2LBX512PP	5/2	1/4"	Air	Air
P2LBX312PS	3/2	1/4"	Air	Spring
P2LAX511PS	5/2	1/8"	Air	Spring
P2LBX512PS	5/2	1/4"	Air	Spring
P2LBX312VV	3/2	1/4"	Lever	Lever
P2LAX511VV	5/2	1/8"	Lever	Lever
P2LBX512VV	5/2	1/4"	Lever	Lever
P2LBX312VS	3/2	1/4"	Lever	Spring
P2LAX511VS	5/2	1/8"	Lever	Spring
P2LBX512VS	5/2	1/4"	Lever	Spring

## Viking Extreme 5/3 Lever Operated Valves



Part No.	Type	Size	Actuator	Return	Remark
P2LBX61222	5/3	1/4"	Lever	Lever	Closed center+
P2LBX71222	5/3	1/4"	Lever	Lever	Press center+
P2LBX81222	5/3	1/4"	Lever	Lever	Vent center+
					<b>+Held in 3 pos</b>
P2LBX61211	5/3	1/4"	Lever	Lever	Closed center*
P2LBX71211	5/3	1/4"	Lever	Lever	Press center*
P2LBX81211	5/3	1/4"	Lever	Lever	Vent center*
					<b>*Self centring</b>

### Notes

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**B43/B53 Series Mechanically Operated Valves**



**CS**  
Plunger



**RS / RTS**  
Roller

Part No.	Type	Size	Actuator	Return
B43003CS	3/2	1/8"	Plunger	Spring
B43004CS	5/2	1/8"	Plunger	Spring
B53003CS	3/2	1/4"	Plunger	Spring
B53004CS	5/2	1/4"	Plunger	Spring
B43003RS	3/2	1/8"	Roller	Spring
B43004RS	5/2	1/8"	Roller	Spring
B53003RS	3/2	1/4"	Roller	Spring
B53004RS	5/2	1/4"	Roller	Spring
B43003RTS	3/2	1/8"	One way lever	Spring

**B43/B53 Series Manually Operated Valves**



**BXS/HX/HXS**  
Button



**LS**  
Lever

Part No.	Type	Size	Actuator	Return
B43003BXS	3/2	1/8"	Button	Spring
B43004BXS	5/2	1/8"	Button	Spring
B43003HXS	3/2	1/8"	Button	Button
B43004HXS	5/2	1/8"	Button	Button
B53003HXS	3/2	1/4"	Button	Spring
B53004HXS	5/2	1/4"	Button	Spring
B43003LS	3/2	1/8"	Lock down lever	Spring
B43004LS	5/2	1/8"	Lock down lever	Spring
B53003HX	3/2	1/4"	Button	Button
B53004HX	5/2	1/4"	Button	Button

Standard button colour is black, for green swap Z for X in part no.; for red swap Y for X

**B43/B53 Series Foot Operated Valves**



**Center Position**

CLOSED

VENTED

PRESSURISED

Part No.	Type	Size	Actuation	Return
B43003FS	3/2	1/8"	Foot	Spring
B43004FS	5/2	1/8"	Foot	Spring
B53003FS	3/2	1/4"	Foot	Spring
B53004FS	5/2	1/4"	Foot	Spring
B53003G	3/2	1/4"	Foot	Foot
B53004G	5/2	1/4"	Foot	Foot
B53004GX	5/3	1/4"	Foot	Foot
B53004GY	5/3	1/4"	Foot	Foot
B53004GZ	5/3	1/4"	Foot	Foot



**OPERATOR**



**Spring Return Push Button**

- ZB4-BA2 Black
- ZB4-BA3 Green
- ZB4-BA4 Red



**Mushroom Head 40mm**

- ZB4-BC2 Black
- ZB4-BC3 Green
- ZB4-BC4 Red



**Latching Pushbutton/e-stop**

- ZB4-BS844 Red



**Selector Switch**

- ZB4-BD2 2 pos
- ZB4-BD3 3 pos



**Locking Selector Switch**

- ZB4-BJ294 2 pos

**PNEUMATIC VALVE / CONTACT BLOCK**



Part No.	Type	Flow
PXB-B3911	NC Valve	60l/min
PXB-B3921	NO Valve	60l/min



Part No.	Type	Flow
PXB-B4931	NO/NC valve	240l/min



Part No.	Type
ZBE-101	NO electrical contact block
ZBE-102	NC electrical contact block

**MOUNTING BLOCK - REQUIRED FOR ALL OPTIONS**



Part No.  
ZB4-BZ009

**How to specify your pneumatic switch**

1. Choose Operator
2. Select desired Valve/Electrical Contact
3. PXB Mounting Block ZB4-BZ009 is required



**RELATED ACCESSORIES FOR PANEL MOUNTING APPLICATIONS**



**Visual Indicator**

**Part No.**  
PXV-F1314



**3 Port Cascade Sub-base**

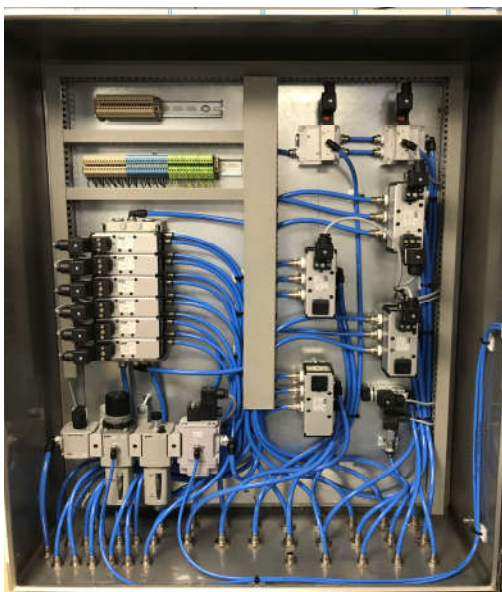
**Part No.**  
PZU-C12

**Pneumatic Time Delay Relays - 4mm swivel push-in connections**

Part No.	Function	Range
PRT-E10	Output after	0.1 to 3 secs
PRT-B10	Output after	10 to 180 secs
PRT-F10	Output during	0.1 to 3 secs
PRT-C10	Output during	0.1 to 30 secs
PRT-D10	Output during	10 to 180 secs



**Examples of Pneumatic Panels manufactured in our workshop**



Custom Built Electro/Pneumatic Panel



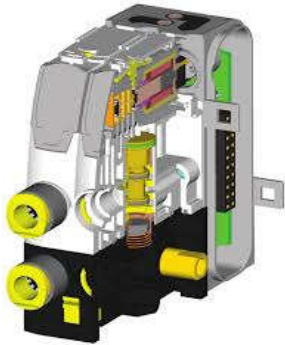
Function: On/Off air in SS enclosure  
Operator: 2 Position Selector Switch



# MODUFLEX VALVE ISLAND



The Moduflex Valve System redefines flexibility for pneumatic users. Whether configured from basic components or ordered as a pre-assembled and tested valve manifold. Moduflex flexibility is unmatched in the market place. No other system can be adapted so simply; unique captive fitting release system, quick release electrical connectors and single mechanical screw connection between manifolds offers the ultimate capability for system changes



## MODUFLEX VALVE TECHNOLOGY

Two technology platforms enable the compact design and high performance of the Moduflex Valve System

The compact dual 4/2 & 3/2 valves utilize well proven Parker seal technology. The standard 4/2 valves adopt the long life super durable ceramic switching technology

Vacuum generator

Dual flow control module

Dual pilot operated check valve module

Pressure regulation module



### Fieldbus Options

- DeviceNet
- Profibus
- CANopen
- AS-i
- Interbus-S

### Ports

- Size 1: 4 & 6mm push-in
- Size 2: 6, 8, 10, & 12mm push-in

### Mountings

- S Series: Individual subbase
- T Series: Manifold Mount with individual connectors
- V Series: Manifold mount with collective wiring or fieldbus

Valves	Type	Function	Size	Actuator	Return
P2M1T4ES2C	4/2		1	Solenoid	Spring
P2M1T4PS	4/2		1	Air pilot	Spring
P2M1TDEE2C	Dual 3/2	NC +NC	1	Solenoid	Spring
P2M1TDPP	Dual 3/2	NC +NC	1	Air pilot	Spring
<b>Accessories</b>					
P2M2HXT01	Valve Island Head & Tail module set				
FMD06-1	6mm push-in fittings (size 1)				
MMDVA2	Silencer				
P8LS08L226C	Flying lead with LED (2mts)				

# SOLENOID VALVES FOR AIR & WATER



## Parker Magnalift, 2/2, all fluids (Zero Pressure Differential)



	Valve Body Only				
Size	Brass	SS316L	Coil Part No.*	Voltage	DIN Plug
3/8"	221G13	221G6306	492425C2	24vDC 0-6bar	3EV290V10
1/2"	221G15	221G6506	481865A3	24vAC 0-16bar	
3/4"	221G16	221G6606	4818653D	230v 0-16bar	<b>DIN Plug w /LED &amp; 5m cable</b>
1"	221G17	221G6106	481865A6	110v 0-16bar	3EV290V20-24L5 3EV290V20-110L5 3EV290V20-230L5

\*Coil nut kit # 2995 to be ordered separately, not included with coils

## Sirai L372 3/2 Brass, all fluids



Size	Valve c/w coil	Voltage
1/8"	L372V01C 1/8"-230V/50HZ	230V
1/8"	L372V01C 1/8"-24VDC	24VDC

## PA Series 2/2 NC SS 16 bar Angle Seat Piston Valve



Size	Part No.	Function
3/8"	PA10C1G3R032S	Flow Over Seat
3/8"	PA10C2G3R032S	Flow Under Seat, Anti water hammer
1/2"	PA15C1G4R032S	Flow Over Seat
1/2"	PA15C2G4R032S	Flow Under Seat, Anti water hammer
3/4"	PA20C1G5R032S	Flow Over Seat
3/4"	PA20C2G5R032S	Flow Under Seat, Anti water hammer
1"	PA25S1G6R063S	Flow Over Seat
1"	PA25SAG6R063S	Flow Under Seat, Anti water hammer
1 1/4"	PA32S1G7R063S	Flow Over Seat
1 1/4"	PA32SAG7R080S	Flow Under Seat, Anti water hammer

SS316 body, SS304 actuator

## Solenoid Banjo Valve to control PA Series valve

Function:

3 Way Direct Acting Pilot



Size	Part No.	Voltage
1/8"	131B14-496131P9	230v
1/8"	131B14-496131C2	24vDC

## Namur Valve NC, pilot operated

Anodized aluminium

3/2 or 5/2



Size	Part No.	Voltage
1/4"	341N05-496131C2	24vDC
1/4"	341N05-496131P9	230v
1/4"	341N05-496131P0	24vAC



# VACUUM SUCTION CUPS



## VFB Single Bellow Suction Cup

*\*Red FDA Compliant Silicone*

	Diameter	Silicone*	Nitrile
	11mm	VFB10-2S	VFB10-2N
	16mm	VFB15-2S	VFB15-2N
	22mm	VFB20S	VFB20N
	34mm	VFB30-2S	VFB30-2N
	43mm	VFB40S	VFB40N
	53mm	VFB50-2S	VFB50-2N

## VFF Flat Suction Cup

*\*Red FDA Compliant Silicone*

	Diameter	Silicone*	Nitrile
	15mm	VFF15S	VFF15N
	20mm	VFF20S	VFF20N
	30mm	VFF30-2S	VFF30-2N
	40mm	VFF40-2S	VFF40-2N
	50mm	VFF50-2S	VFF50-2N

## VFBL Multi Bellow Suction Cup, Red

*\*Red FDA Compliant Silicone*

	Diameter	Silicone*	Nitrile
	20mm	VFBL20-2S	VFBL20-2N
	30mm	VFBL30-2S	VFBL30-2N
	40mm	VFBL40-2S	VFBL40-2N
	50mm	VFBL50-2S	VFBL50-2N

## Vacuum Generator Venturi

Supply: 1/8" NPSF

Vacuum: 3/8" NPSF



Part No.	CFM
ABM5-NB	1
ABM10-NB	3
ABM20-NB	5
ABM30-NB	8

## Suction Cup Fitting Accessory for types VFB / VFBL / VFF

Female	Male	Size	Fits Cup Types			
	VFCF10-U01	1/8"	VFB10	VFB15		
	VFCF10-M5	M5	VFB10	VFB15		
VFCF20-FG1/8	VFCF20-U01	1/8"	VFB20	VFBL20	VFF20	
VFCF40-FG1/8	VFCF40-U01	1/8"	VFB30	VFB40	VFBL30	VFB40
VFCF40-FG1/4	VFCF40-U02	1/4"	VFB30	VFB40	VFBL30	VFB40
VFCF40-FG3/8	VFCF40-U03	3/8"	VFB30	VFB40	VFBL30	VFB40
VFCF50-FG1/8	VFCF50-U01	1/8"	VFB50	VFBL50	VFF50	
VFCF50-FG1/4	VFCF50-U02	1/4"	VFB50	VFBL50	VFF50	
VFCF50-FG3/8	VFCF50-U03	3/8"	VFB50	VFBL50	VFF50	



# VIBRATION CONTROLS / VACUUM



For over 50 years, ACE Controls has provided superior deceleration products to meet the needs of the automation energy, robotics, material handling, packaging, steel, machine tool, lumber, amusement, medical and other industries

## ACE Product Groups



### Automation Control

ACE damping solutions increase productivity by quickly decelerating moving loads without damaging impacts.

- ▶ Miniature Shock Absorbers
- ▶ Industrial Shock Absorbers
- ▶ Heavy Industrial Shock Absorbers
- ▶ Profile Dampers
- ▶ Damping Pads



### Motion Control

ACE Motion Control products enhance operator or machine control through the entire range of motion.

- ▶ Industrial Gas Springs - Push Type
- ▶ Industrial Gas Springs - Pull Type
- ▶ Hydraulic Dampers
- ▶ Hydraulic Feed Controls
- ▶ Rotary Dampers



### Vibration Control

ACE Vibration Control products include solutions for vibration isolation and noise reduction.

- ▶ Vibration - Isolating Pads
- ▶ Rubber - Metal Isolators
- ▶ Low Frequency Pneumatic Levelling Mounts



### Safety Products

ACE Safety Products decelerate loads in low cycle, emergency situations.

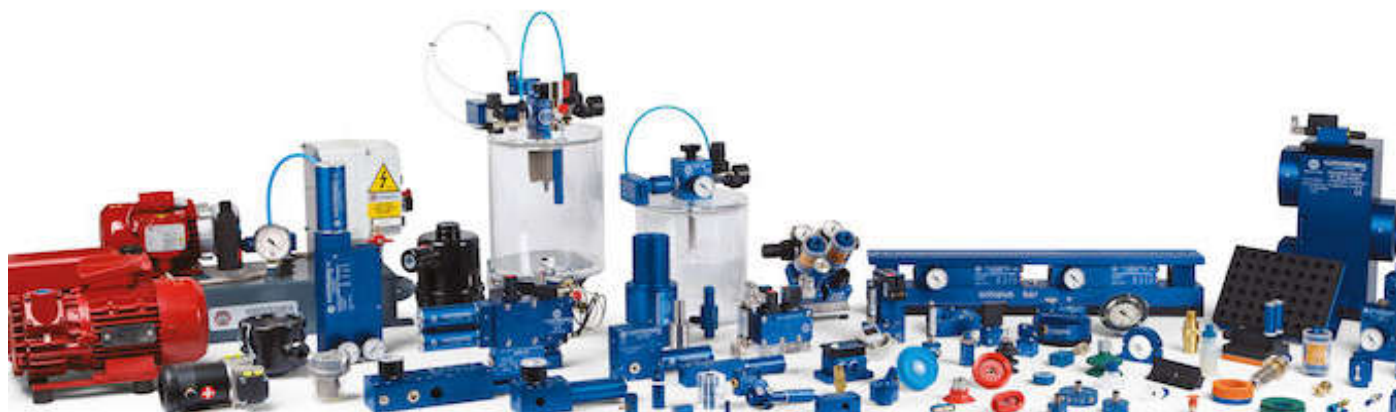
- ▶ Safety Shock Absorbers
- ▶ Safety Bumpers
- ▶ Lock Series

Vacuum Suction Cups  
Vacuum Solenoid Valves  
Vacuum Filters  
Vacuum Generators & Pumps

Vacuum Lifter Octopus Units  
Vacuum Grippers  
Vacuum Digital Pressure Switch



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[www.vuototecnica.net](http://www.vuototecnica.net)



# PNEUMATIC QUICK COUPLERS



## EUROPEAN PROFILE

### RECTUS 25KA

Interchanges with: Cejn 320, Festo KD, Tema 1600, JWL 520/530

#### Coupler



#### Size

1/4"  
3/8"  
1/2"

#### Male BSPT

25KAAK13MPN  
25KAAK17MPN  
25KAAK21MPN

#### Female BSPP

25KAIW13MPN  
25KAIW17MPN  
25KAIW21MPN

#### Hosetail

25KATF06MPN  
25KATF10MPN  
25KATF13MPN

#### Plug



#### Size

1/4"  
3/8"  
1/2"

#### Male BSPT

25SFAK13SXZ  
25SFAK17SXZ  
25SFAK21SXZ

#### Female BSPP

25SFIW13SXZ  
25SFIW17SXZ  
25SFIW21SXZ

#### Hosetail

25SFTF06SXZ  
25SFTF10SXZ  
25SFTF13SXZ

## Safety Coupling

### RECTUS 26KE

Interchanges with: Cejn 320, Festo KD, Tema 1600, JWL 520/530

#### Coupler



#### Size

1/4"  
3/8"  
1/2"

#### Male BSPP

26KEAW13MPN  
26KEAW17MPN  
26KEAW21MPN

#### Female BSPP

26KEIW13MPN  
26KEIW17MPN  
26KEIW21MPN

#### Hosetail

26KETF06MPN  
26KETF09MPN  
26KETF13MPN

#### Plug



#### Size

1/4"  
3/8"  
1/2"

#### Male BSPT

25SFAK13SXZ  
25SFAK17SXZ  
25SFAK21SXZ

#### Female BSPP

25SFIW13SXZ  
25SFIW17SXZ  
25SFIW21SXZ

#### Hosetail

25SFTF06SXZ  
25SFTF10SXZ  
25SFTF13SXZ



# PNEUMATIC QUICK COUPLERS



## RECTUS 21KA

Interchanges with: Camozzi, EWO, Kani

Media: Compressed Air

Single Shut off

### NICKEL BRASS

#### Coupler



#### Size

1/8"  
1/4"  
3/8"

#### Male BSPP

21KAAW10MPN  
21KAAW13MPN  
21KAAW17MPN

#### Female BSPP

21KAIW10MPN  
21KAIW13MPN  
21KAIW17MPN

#### Hosetail

21KATF06MPN  
21KATF10MPN

#### Plug



#### Size

1/8"  
1/4"  
3/8"

#### Male BSPP

21SFAW10MXN  
21SFAW13MXN  
21SFAW17MXN

#### Female BSPP

21SFIW10MXN  
21SFIW13MXN  
21SFIW17MXN

#### Hosetail

21SFTF06MXN  
21SFTF10MXN

### STAINLESS STEEL 303

#### Coupler



#### Size

1/8"  
1/4"  
3/8"

#### Male BSPP

21KAAW10RVX  
21KAAW13RVX  
21KAAW17RVX

#### Female BSPP

21KAIW10RVX  
21KAIW13RVX  
21KAIW17RVX

#### Hosetail

21SFTF06RXX  
21SFTF10RXX

#### Plug



#### Size

1/8"  
1/4"  
3/8"

#### Male BSPP

21SFAW10RXX  
21SFAW13RXX  
21SFAW17RXX

#### Female BSPP

21SFIW10RXX  
21SFIW13RXX  
21SFIW17RXX

#### Hosetail

21SFTF06RXX  
21SFTF10RXX

#### Options

Double Shut Off

SS316

# PNEUMATIC QUICK COUPLERS



## RECTUS 17KA

Interchanges with Schrader Series NW5, Twist-Lock

Media: Compressed Air  
Single Shut off

**Coupler**



**Plug**



Size	Male BSPT	Schrader ref	Female BSPP	Schrader ref	Hosetail	Schrader ref
1/4"	17KAAK13SPN	9793D-12	17KAIW13SPN	8952DL-12	17KATF06SPN	
3/8"	17KAAK17SPN	9792D-12	17KAIW17SPN		17KATF10SPN	
1/2"	17KAAK21SPN		17KAIW21SPN		17KATF13SPN	

Size	Male BSPT		Female BSPP		Hosetail	
1/4"	17SFAK13SXN	8050B-11	17SFIW13SXN	8278L-11	17SFTF06SXN	8787-11
3/8"					17SFTF10SXN	8788-11

## RECTUS 19KA

Interchanges with PCL Standard

Media: Compressed Air  
Single Shut off

**Coupler**



**Plug**



Size	Male BSPT	PCL ref	Female BSPP	PCL ref	Hosetail	PCL ref
1/4"	19KAAK13MPN	AC21CM02	19KAIW13MPN	AC21CF02	19KATF06MPN	AC21R02
3/8"	19KAAK17MPN	AC21EM02	19KAIW17MPN	AC21EF02	19KATF10MPN	AC21S02
1/2"	19KAAK21MPN	AC21JM02	19KAIW21MPN	AC21JF02	19KATF13MPN	AC21T02

Size	Male BSPT	PCL ref	Female BSPP	PCL ref	Hosetail	PCL ref
1/4"	19SFAK13SXN	ACA2593	19SFIW13SXN	ACA2746	19SFTF06SXN	ACA1793
3/8"	19SFAK17SXN	ACA6509	19SFIW17SXN	ACA6582	19SFTF10SXN	ACA2487



# MOLDTITE COUPLINGS

Single shut-off, double shut-off, and straight through options  
Connecting Coolant lines & injection moulds



## RECTUS 86/87

International Programme  
DME/Jiffy interchange

### Coupler (with valve)



Size	Thread	Male BSPP	Female BSPP	Hosetail
DN6	G1/4"	86KBAW13MVX	86KBIW13MVX	86KBTP06MVX
DN9	G1/4"	87KBAW13MVX	87KBIW13MVX	87KBTP09MVX
DN9	G1/2"	87KBAW21MVX		87KBTP13MVX

### Plug (unvalved)



Size	Thread	Male BSPT	Female BSPP	Hose Barb
DN6	1/4"	86SBAK13MXX	86SFIW13MXX	86SFTF09MXX
DN9	1/4"	87SFAK13MXX	87SFIW13MXX	87SFTF13MXX

## RECTUS 10/11/12

European Programme  
Hasco interchange

### Coupler (with valve)



Size	Thread	Male BSPP	Female BSPP	Hosetail
DN6		10KBAW13MVX	10KBIW13MVX	10KBTF09MVX
DN9		11KBAW13MVX	11KBIW13MVX	11KBTF13MVX
DN13		12KBAW21MVX		

### Plug (unvalved)



Size	Thread	Male BSPP	Female BSPP	Hosetail
DN6	G1/4"	10SFAW13MXN	10SFIW13MXN	10SFTF09MXX
DN9	G1/4"	11SFAW13MXN	11SFIW13MXN	11SFTF09MXX
DN13	G1/2"	12SFAW21MXN		

# ISO 7241 SERIES B QUICK COUPLER



## PARKER 60 SERIES

Supersedes Snaptime 72 Series  
 Hydraulics / Fluid Transfer: Media  
 Brass, Steel, SS303, SS316

### Coupler NPT female thread



Size	Brass Part No.	SS303 Part No.	SS316 Part No.
1/8"	BH1-60	SH1-62	SSH1-62Y
1/4"	BH2-60	SH2-62	SSH2-62Y
3/8"	BH3-60	SH3-62	SSH3-62Y
1/2"	BH4-60	SH4-62	SSH4-62Y
3/4"	BH6-60	SH6-62	SSH6-62Y
1"	BH8-60	SH8-62	SSH8-62Y

*BSP threads also available*

### Nipple NPT female thread



Size	Brass Part No.	SS303 Part No.	SS316 Part No.
1/8"	BH1-61	SH1-63	SSH1-63Y
1/4"	BH2-61	SH2-63	SSH2-63Y
3/8"	BH3-61	SH3-63	SSH3-63Y
1/2"	BH4-61	SH4-63	SSH4-63Y
3/4"	BH6-61	SH6-63	SSH6-63Y
1"	BH8-61	SH8-63	SSH8-63Y

## CAM & GROOVE FITTINGS

Type A



Type B



Type C



Type D



Type E



Type F



Dust Plug



Lever Stop



**Materials:**  
 Aluminium  
 Polypropylene  
 Brass  
 Stainless

**Sizes:**  
 1/2" to 6"

# SNAP-TITE DRY BREAK QUICK COUPLER



## SNAPTITE 71 SERIES

Hydraulics / Fluid Transfer  
Steel / Stainless Steel

### Coupler female thread



Size	Steel NPT	SS316 NPT	SS316 BSPP
1/4"	71-3C4-4F	S71-3C4-4F	S71-3C4-4RP
3/8"	71-3C6-6F	S71-3C6-6F	S71-3C6-6RP
1/2"	71-3C8-8F	S71-3C8-8F	S71-3C8-8RP
3/4"	71-3C12-12F	S71-3C12-12F	S71-3C12-12RP
1"	71-3C16-16F	S71-3C16-16F	S71-3C16-16RP
1-1/4"	71-3C20-20F	S71-3C20-20F	71-3C20-20RP
1-1/2"	71-1C24-24F	S71-1C24-24F	71-1C24-24RP
2"	71-1C32-32F	S71-1C32-32F	71-1C32-32RP

### Nipple female thread



Size	Steel NPT	SS316 NPT	SS316 BSPP
1/4"	71-3N4-4F	S71-3N4-4F	S71-3N4-4RP
3/8"	71-3N6-6F	S71-3N6-6F	S71-3N6-6RP
1/2"	71-3N8-8F	S71-3N8-8F	S71-3N8-8RP
3/4"	71-3N12-12F	S71-3N12-12F	S71-3N12-12RP
1"	71-3N16-16F	S71-3N16-16F	S71-3N16-16RP
1-1/4"	71-3N20-20F	S71-3N20-20F	71-3N20-20RP
1-1/2"	71-N24-24F	S71-N24-24F	71-N24-24RP
2"	71-N32-32F	S71-N32-32F	71-N32-32RP

### FEATURES:

Replacement part kits are available for all styles in sizes 1/4" through 2".

3.1B Material Certs are available - specify at time of order/quote

Standard seal is NBR - FKM, EPDM, MHO also available

Up to 690 bar working pressure

\*FDA approved seals available upon request

### ALTERNATIVE:

We can also offer the Parker FS Series Dry-Break QCs, note that they do not interchange with Snap-tite 71 Series

# SNAP-TITE GEN PURPOSE QUICK COUPLER



## SNAPTITE H/IH/PH SERIES

Hydraulics / Pneumatic  
Steel / Stainless Steel/Brass / Alu

### Coupler female thread



Size	Steel NPT	SS316 NPT	Brass NPT
1/4"	VHC4-4F	SVHC4-4F	BVHC4-4F
3/8"	VHC6-6F	SVHC6-6F	BVHC6-6F
1/2"	VHC8-8F	SVHC8-8F	BVHC8-8F
3/4"	VHC12-12F	SVHC12-12F	BVHC12-12F
1"	VHC16-16F	SVHC16-16F	BVHC16-16F
1-1/4"	VHC20-20F	SVHC20-20F	BVHC20-20F
1-1/2"	VHC24-24F	SVHC24-24F	BVHC24-24F
2"	VHC32-32F	SVHC32-32F	BVHC32-32F

### Nipple NPT female thread



Size	Steel NPT	SS316 NPT	Brass NPT
1/4"	PHC4-4F	SPHC4-4F	BPHC4-4F
3/8"	PHC6-6F	SPHC6-6F	BPHC6-6F
1/2"	PHC8-8F	SPHC8-8F	BPHC8-8F
3/4"	PHC12-12F	SPHC12-12F	BPHC12-12F
1"	PHC16-16F	SPHC16-16F	BPHC16-16F
1-1/4"	PHC20-20F	SPHC20-20F	BPHC20-20F
1-1/2"	PHC24-24F	SPHC24-24F	BPHC24-24F
2"	PHC32-32F	SPHC32-32F	BPHC32-32F

### FEATURES:

Sizes 1/4" to 6"

Large range of thread options

Standard seal is Nitrile, Fluorocarbon and Ethylene Propylene also available

Single shut-off, double shut-off, and straight through options

### Standard Configurations for General Purpose Hydraulic and Pneumatic Applications

	H Series Hydraulic Coupler/Nipple	PH Series Hydraulic Coupler/Nipple	IH Series Pneumatic Coupler
Valve Styles	<ul style="list-style-type: none"> <li>Poppet Valve</li> <li>Unvalved/Plain</li> </ul>	<ul style="list-style-type: none"> <li>Connect-Under-Pressure Poppet Valve</li> </ul>	<ul style="list-style-type: none"> <li>Cylindrical Valve</li> </ul>
Connection Types	<ul style="list-style-type: none"> <li>Double Shut-off</li> <li>Single Shut-off</li> <li>Straight Through/Unvalved</li> </ul>	<ul style="list-style-type: none"> <li>Double Shut-off (connects with valved H-Series Coupler or Nipple)</li> </ul>	<ul style="list-style-type: none"> <li>Single Shut-off (connects with unvalved/plain H-Series Nipple)</li> </ul>
Body Size	<ul style="list-style-type: none"> <li>1/4" - 4"</li> </ul>	<ul style="list-style-type: none"> <li>3/8" - 1"</li> </ul>	<ul style="list-style-type: none"> <li>1/4" - 3/4"</li> </ul>
Materials	<ul style="list-style-type: none"> <li>Steel</li> <li>316 Stainless Steel</li> <li>Aluminium</li> <li>Brass</li> </ul>	<ul style="list-style-type: none"> <li>Steel</li> </ul>	<ul style="list-style-type: none"> <li>Steel</li> </ul>

# CPI INSTRUMENTATION QUICK COUPLER



## PARKER CPI

Interchanges with Swagelok Q Series  
All fluids  
SS316

### CPI Coupler with Alok End



**Size**  
1/4"  
3/8"  
1/2"

**Part No.**  
4A-Q4CY-SSP  
6A-Q6CY-SSP  
8A-Q8CY-SSP

### CPI Nipple with Alok End



**Size**  
1/4"  
3/8"  
1/2"

**Part No.**  
4A-Q4VY-SS  
6A-Q6VY-SS  
8A-Q8VY-SS

### CPI Coupler NPT female



**Size**  
1/4"  
3/8"  
1/2"

**Part No.**  
4F-Q4CY-SSP  
6F-Q6CY-SSP  
8F-Q8CY-SSP

### CPI Nipple NPT female



**Size**  
1/4"  
3/8"  
1/2"

**Part No.**  
4F-Q4VY-SS  
6F-Q6VY-SS  
8F-Q8VY-SS

### CPI Coupler NPT male



**Size**  
1/4"  
3/8"  
1/2"

**Part No.**  
4M-Q4CY-SSP  
6M-Q6CY-SSP  
8M-Q8CY-SSP

### CPI Nipple NPT male



**Size**  
1/4"  
3/8"  
1/2"

**Part No.**  
4M-Q4VY-SS  
6M-Q6VY-SS  
8M-Q8VY-SS

### CPI Bulkhead Coupler with Alok End



**Size**  
1/4"

**Part No.**  
4AH-Q4CY-SSP

### CPI Bulkhead Nipple with Alok End



**Size**  
1/4"

**Part No.**  
4AH-Q4VY-SS

*Keyed and coloured options available on request (MOQ 10 no. for keyed option)*

# COMPRESSORS



## TRADITIONAL SERIES

### Direct Drive Oil Free

	Tank	Volt	CFM	kW/HP	Bar/psi	
S-A3CC404FPS501	24	230	8.1	1.5/2	8 / 116	(Model S02/24CM2)
S-A3DV404FPS536	50	230	8.1	1.5/2	8 / 116	(Model S02/50CM2)



## TRADITIONAL SERIES - 110V

### Direct Drive Oil Free

	Tank	Volt	CFM	kW/HP	Bar/psi
S-8213885FPS535*	6	110	7.1	1.1/1.5	8 / 116
S-A8CA3C4FPS541**	24	110	7.1	1.1/1.5	8 / 116

\* Model ROLL CAGE OM195/6-110V

\*\* Model OM197/24 TECH-110V



## TECH SERIES - PORTABLE

### Belt Drive Lubricated

	Tank	Volt	CFM	kW/HP	Bar/psi
S-28DA504FPS032*	50	230	12.5	2.2/3	10 / 145
S-28FA504FPS009**	100	230	12.5	2.2/3	10 / 145

(\*Model NB2800B/50/3M TECH)

(\*\*Model NB2800B/100/3M TECH)



## WORKSHOP SERIES - STATIONARY

### Belt Drive Lubricated

	Tank	Volt	CFM	kW/HP	Bar/psi
S-28FN504FPS040*	100	230	12.5	2.2/3	10 / 145
S-36LN504FPS014**	200	230	13.95	2.2/3	10 / 145

(\*Model NB28C/100 FM3)

(\*\*Model NB38C/200 FM3)



# SCREW COMPRESSOR SALES & SERVICE

The advertisement features a blue background with a grid of logos and images of screw compressors. On the left, there is a black and blue NUAIR portable compressor. In the center, a red Fini industrial compressor is shown. To the right, a large blue and grey Power System NOBEL 112 screw compressor is displayed. The logos include Power System, FSN, NUAIR, and Fini. At the bottom, the text reads 'Four Great Brands Working Together'.



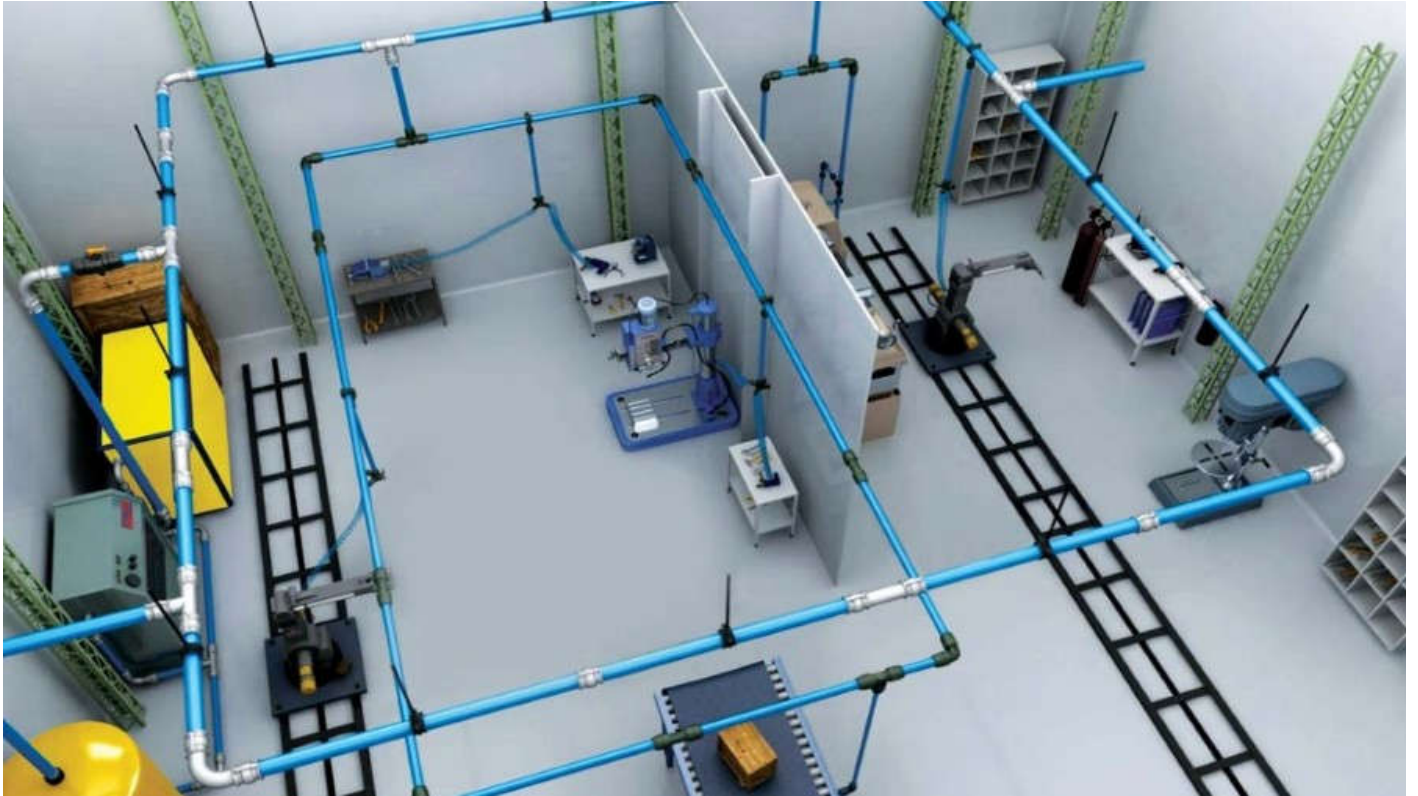


# TRANSAIR PIPING SYSTEM



**HANLEY CONTROLS**  
CLONMEL

The *original* and market leading modular piping system for compressed air, inert gas and vacuum.  
Manufactured to the highest quality standards in France



## FEATURES & BENEFITS

High quality aluminium & SS pipe range. Low friction internal surface ensures optimal flow rates

Leak free connections (Push-in up to 40mm)

Modular and extremely adaptable

Suitable for aggressive environments

Colour coded - Blue, Green Grey as standard. Others on request

Up to 16 bar working pressure

Full range of fittings and accessories

# INDUSTRIAL & PROCESS FILTRATION



- We offer a complete line of refrigerated compressed air dryers, absorption and membrane dryers and complete range of filters
- We offer both non-sanitary and sanitary 3-A filter housings, both T-type and in-line as well as high pressure housings to meet your specific air quality requirements and system solutions.
- The modularly designed processing ranges offer individual customer solutions, and therefore guarantee the highest efficiency.



# INDUSTRIAL TOOLS & SOLUTIONS



## PNEUMATIC ASSEMBLY TOOLS

Pneumatic screwdrivers  
Impact wrenches  
Hydraulic impulse nutrunners - ErgoPulse  
Pneumatic nutrunners

## GRINDERS

Turbine grinders and sanders  
Die grinders  
Straight grinders  
Vertical grinders  
Vertical sanders  
Angle grinders  
Angle sanders  
Belt sanders  
Orbital & random orbital sanders  
Dust extraction  
Router  
Circular cutters

## SERVICE

Service solutions  
Service packages

## PERCUSSIVE TOOLS

Chipping hammers  
Scalers  
Chisels  
Riveting systems  
Riveting hammers  
Bucking bars

## DRILLS

Pistol grip drills  
Straight drills  
Angle drills  
Modular drills  
Micro stop drills  
Tappers  
Positive feed drills

## AIR MOTORS

Vane air motors  
LZB vane air motors  
LZL vane air motors  
Air motor support

## ELECTRIC ASSEMBLY TOOLS

Electric screwdrivers  
EBL  
MicroTorque  
Tensor ES  
Tensor SL  
Tensor SR  
Electric nutrunners  
Tensor ES  
Tensor ST  
Tensor STR  
Tensor SR

## BATTERY ASSEMBLY TOOLS

BCP screwdriver, clutch type  
BCV nutrunner, clutch type  
Tensor SB nutrunners transducerized type  
Tensor STB nutrunners transducerized type  
Tensor SRB nutrunners transducerized type  
TSB nutrunners transducerized type

# DIAPHRAGM & PISTON PUMPS



## The Heart of your Process

Ingersoll Rand / ARO offers a wide range of Fluid Technologies for today's demanding industries & applications



**Productivity:** Maximised flow rates + Minimised pulsation and air consumption = Maximum Performance.



**Versatility:** Multiple porting options available along with interface options allow you to customise this pump specifically to your OEM applicatio.



**Reliability:** Lube free patented differential valve both on major air valve and SimulShift™ (pilot valve) provides reliable worry free operation – fluid on demand every time.



**Environmentally Sound:** Bolted construction in conjunction with a wide range of material options provides maximum chemical and leak resistance.



**Serviceability:** Modular construction, reduced parts count and simple to use repair kits minimise repair time and cost.

### APPLICATIONS

*Tank & Truck Loading/Unloading  
Printing Flexo/Offset  
Acids and Caustics  
Batching/Dosing  
Hazardous Duty  
Poweder Transfer  
Dispensing  
Wash-down  
Dewatering  
Formulation  
Lubrication  
Packaging  
Filter Press  
Finishing  
Solvents  
Sumps*

# MANUFACTURING & SERVICE DEPT.



## ON-SITE SERVICING / CALLOUT

We offer a scheduled maintenance programme for customer product including:

- All makes of Compressors & Dryers
- Vacuum Pumps
- Nationwide Service
- 24 hour phone response



## REPAIRS WORKSHOP

We offer a repair service for customer product including:

- Pneumatic Cylinders (Piston)
- Pneumatic Cylinders (Rodless)
- Diaphragm Pumps
- Air Tools
- Compressors



## HOSE ASSEMBLIES

Hydraulic and industrial hoses assembled to your exact specification

Hygienic and Pharma hoses also available



## PANEL MANUFACTURE / ASSEMBLIES

We manufacture Solenoid Islands and bespoke Pneumatic Panels to your drawings

POU filter & regulator assemblies

Electrical JB enclosures

# VENDOR MANAGED INVENTORY (VMI)



Vendor Managed Inventory (VMI) is a streamlined approach to inventory management and order fulfillment. VMI involves collaboration between a supplier and their customer which changes the traditional ordering process

Talk to us to see how we can help you by maintaining an agreed inventory of material in your **ENGINEERING STORES**

- Noel Walsh 086 8118435
- Dwayne Dunphy 086 8533565
- Sean Brennan 086 8098420
- Martin Ralph 086 4669193
- Padraig Lynch 086 4615560
- Tom Egan 083 8589258



## STORAGE BINS



Type	L mm	W mm	H mm
SB-1	125	101	60
SB-2	170	100	85
SB-3	220	130	125
SB-4	290	178	143
SB-5	290	363	145
SB-6	440	180	145
SB-7	435	400	215



# GEORG FISCHER PLASTICS



**Pipe**  
6m lengths  
Plain ends



**Female Adaptor**  
Socket x Rp



**Elbow 90**  
BS Inch  
PN 15



**Adaptor**  
Spigot BS Inch x Rp



**Elbow 45**  
BS Inch  
PN 15



**Adaptor Bush**  
Socket BS Inch x R



**Equal Tee**  
BS Inch  
PN 15



**Adaptor Socket**  
BS Inch x Metric



**Barrell Nipple**  
BS Inch  
PN 15



**Adaptor Nipple**  
BS Inch Spigot x R



**Socket**  
BS Inch  
PN 15



**Flange Adaptor**  
Gaskets & Back Rings  
also available



**Cap**  
BS Inch  
PN 15



**Full Face Flange**  
Universal Fitting  
PN/ANSI/BS



**Reducing Bush**  
Spigot x Socket  
PN12



**Union**  
Socket x Socket



**Reducing Bush**  
Spigot x Rp



**Adaptor Socket Nipple**  
Spigot/Socket x R



## STOCKED IN CLOMEL

- ABS 1/2" to 6"
- PVC-U Metric
- Sch80 PVC-U
- Sch80 PVC-C

**Type 546 Ball Valve**  
BS Inch Sockets



**Type 561/562 Check Valve**  
BS Inch Sockets



### Tangit Glue

ABS 799298022  
PVC-U 799298003  
PVC-C 799298027



### Tangit Cleaner

799298010



