

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



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



www.hccl.ie

Hanley Controls Clonmel Ltd.
Gortnafleur, Clonmel, Co. Tipperary, Ireland
tel: + 353 52 6122722

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



- 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



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

| | | PAGE | | | PAGE |
|---|-------------------------|------|---|---------------------------------|------|
|  | SS TUBING & ACCESSORIES | 4 |  | AIR LINE | 18 |
|  | INDUSTRIAL BALL VALVES | 5 |  | PUSH-IN FITTINGS | 25 |
|  | AIR MANIFOLDS | 6 |  | FUNCTION FITTINGS | 29 |
|  | INSTRUMENTATION VALVES | 8 |  | FILTER REG / LUBRICATOR | 30 |
|  | PARKER ALOK | 9 |  | PNEUMATIC CYLINDERS | 36 |
|  | THREADED SS FITTINGS | 10 |  | PNEU/ SOLENOID VALVES | 38 |
|  | BRASS ADAPTORS | 13 |  | MODUFLEX SOLENOID | 44 |
|  | TRI-CLAMP | 15 |  | SOLENOID VALVE (Air / Water) | 45 |
|  | GAUGES | 16 |  | VACUUM CUP | 46 |
|  | QUICK COUPLERS | 48 |  | COMPRESSORS | 56 |
|  | HOSE, CLAMPS, & BARBS | 20 |  | TRANSAIR | 57 |
|  | HOSE REELS | 23 |  | INDUSTRIAL TOOLS | 59 |
|  | BLOW GUN / RECOIL HOSE | 24 |  | ARO PUMPS | 60 |



HANLEY CONTROLS

CLONMEL

www.hccl.ie

SS TUBE, CLAMPS, & TOOLING

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



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 TUBE CUTTERS

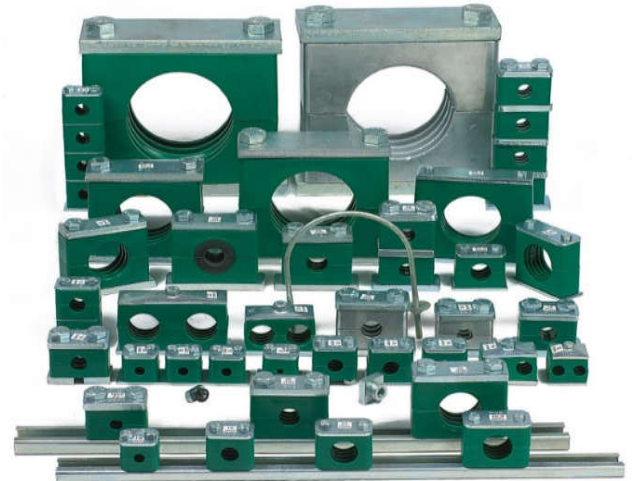
| Size | Part No. |
|------------|----------|
| 1/8"-11/8" | PT-C |



Replacement wheel # PT-CS

PARKER DEBURRING TOOL

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



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

CLONMEL

www.hccl.ie

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

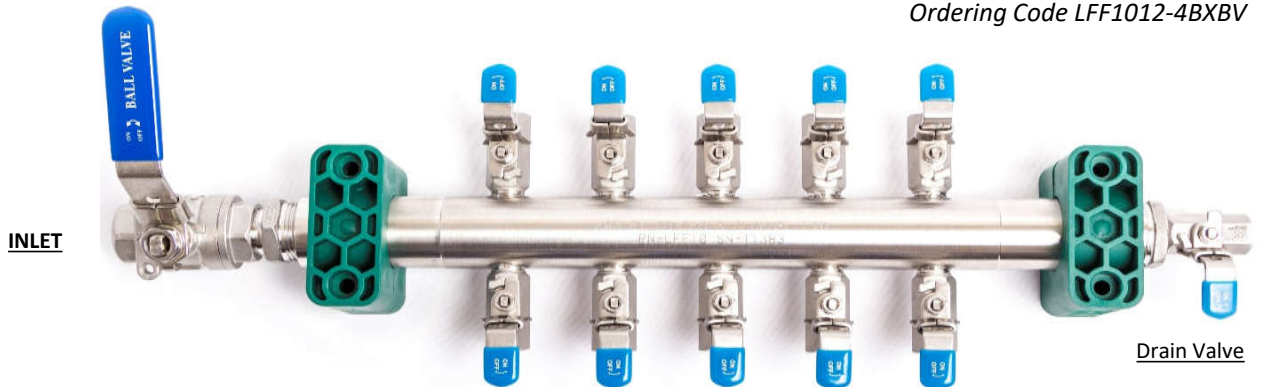
Standard Features

- * 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 L 2 FF 3 10 4 12 — 5 4 6 B 7 X 8 B 9 V

1. Series

| 2. Style (valve centres) | |
|--------------------------|----|
| Single Side (45mm) | F |
| Double Sided (45mm) | FF |
| Single Side (62mm) | G |
| Double Sided (62mm) | GG |

3. No. of valves

| 4. Main Inlet Thread | |
|----------------------|----|
| Standard (3/4") | 12 |

5. Dist. Threads

| | |
|------|---|
| 1/4" | 4 |
|------|---|

1/8" & 1/2" on request

| 6. Connection on Distribution | |
|--------------------------------|---|
| SS Ball Valve Lockable (Std) | B |
| SS Ball Valve Lockable Vented* | V |
| Brass Ball Valve Vented | N |
| Brass Self Sealing Stud | R |
| Special / Other | S |

* G/GG Style only

| 8. Mounting Blocks | |
|-------------------------|---|
| PP Green Clamp Halves | B |
| add Galv plates & bolts | G |
| add SS plates & bolts | S |

| 9. Options / Extras | |
|-----------------------------|---|
| None | X |
| Test Cert | T |
| P32 Reg 1/2" w/gauge | R |
| P32 Filter Reg 1/2" w/gauge | F |
| Inlet Ball Valve 1/2" | V |
| P33 Reg 3/4" w/gauge | L |
| P33 Filter Reg 3/4" w/gauge | M |
| Inlet Ball Valve 3/4" | N |
| Special Order | S |

| 7. Parker Connection Options | |
|--|---|
| None | X |
| Legris LF3000 Push-fit Stud (Brass/Plastic) | 1 |
| Legris LF3600 Push-fit Stud (All plated Brass) | 2 |
| Legris LF3800 6mm Push-fit Stud (SS316/303) | 3 |
| ALOK Compression metric - 6mm (SS316) | 5 |
| ALOK Compression imperial - 1/4" (SS316) | 6 |
| Special* | 7 |

* Other options available on request



HANLEY CONTROLS

CLONMEL

www.hccl.ie

AIR MANIFOLD FEATURES

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

PED

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

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.

Union Elbow



| Size | Part No. | Interchange |
|------|----------|-------------|
| 1/4" | 4EE4 | 400-9 |
| 3/8" | 6EE6 | 600-9 |
| 1/2" | 8EE8 | 810-9 |
| 3/4" | 12EE12 | 1210-9 |
| 1" | 16EE16 | 1610-9 |

Male Stud Elbow NPT



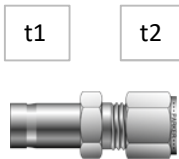
| Size | Part No. | Interchange |
|----------------|----------|-------------|
| 1/4" OD x 1/4" | 4MSEL4N | 400-2-4 |
| 3/8" OD x 3/8" | 6MSEL6N | 600-2-6 |
| 1/2" OD x 1/4" | 8MSEL4N | 810-2-4 |
| 1/2" OD x 3/8" | 8MSEL6N | 810-2-6 |
| 1/2" OD x 1/2" | 8MSEL8N | 810-2-8 |

Union Tee



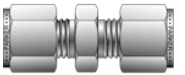
| Size | Part No. | Interchange |
|------|----------|-------------|
| 1/4" | 4ET4 | 400-3 |
| 3/8" | 6ET6 | 600-3 |
| 1/2" | 8ET8 | 810-3 |
| 3/4" | 12ET12 | 1210-3 |
| 1" | 16ET16 | 1610-3 |

Tube End Reducer



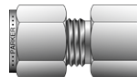
| Size t1 x t2 | Part No. | Interchange |
|--------------|----------|-------------|
| 1/4" x 3/8" | 4TUR6 | 600-R-4 |
| 1/4" x 1/2" | 4TUR8 | 810-R-4 |
| 3/8" x 1/4" | 6TUR4 | 400-R-6 |
| 3/8" x 1/2" | 6TUR8 | 810-R-6 |
| 1/2" x 1/4" | 8TUR4 | 400-R-8 |
| 1/2" x 3/8" | 8TUR6 | 600-R-8 |
| 1/2" x 3/4" | 8TUR12 | 1210-R-8 |

Union



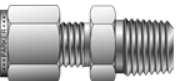
| Size | Part No. | Interchange |
|-------------|----------|-------------|
| 1/4" | 4SC4 | 400-6 |
| 3/8" | 6SC6 | 600-6 |
| 1/2" | 8SC8 | 810-6 |
| 3/4" | 12SC12 | 1210-6 |
| 1" | 16SC16 | 1610-6 |
| 1/2" X 1/4" | 8RU4 | 810-6-4 |
| 1/2" X 3/8" | 8RU6 | 810-6-6 |
| 3/4" X 1/2" | 12RU8 | 1210-6-8 |

Female Stud NPT



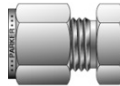
| Size | Part No. | Interchange |
|----------------|----------|-------------|
| 1/4" OD x 1/4" | 4FSC4N | 400-7-4 |
| 3/8" OD x 1/4" | 6FSC4N | 600-7-4 |
| 1/2" OD x 1/2" | 8FSC8N | 810-7-8 |
| 3/4" OD x 3/4" | 12FSC12N | 1210-7-12 |

Male Stud NPT (OD x NPT)



| Size | Part No. | Interchange |
|-------------|----------|-------------|
| 1/4" x 1/4" | 4MSC4N | 400-1-4 |
| 1/4" x 1/2" | 4MSC8N | 400-1-8 |
| 3/8" x 1/8" | 6MSC2N | 600-1-2 |
| 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 |
| 3/8" x 3/4" | 6MSC12N | 600-1-12 |
| 1/2" x 1/4" | 8MSC4N | 810-1-4 |
| 1/2" x 3/8" | 8MSC6N | 810-1-6 |
| 1/2" x 1/2" | 8MSC8N | 810-1-8 |
| 1/2" x 3/4" | 8MSC12N | 810-1-12 |
| 3/4" x 1/2" | 12MSC8N | 1210-1-8 |
| 3/4" x 3/4" | 12MSC12N | 1210-1-12 |
| 1" x 1/2" | 16MSC8N | 1610-1-8 |
| 1" x 1" | 16MSC16N | 1610-1-16 |

Tube Cap



| Size | Part No. | Interchange |
|------|----------|-------------|
| 1/4" | 4BLEN4 | 400-C |
| 3/8" | 6BLEN6 | 600-C |
| 1/2" | 8BLEN8 | 810-C |

Ferrule Sets



| Size | Part No. | Interchange |
|------|----------|-------------|
| 1/4" | 4 ALOK | 400-SET |
| 3/8" | 6 ALOK | 600-SET |
| 1/2" | 8 ALOK | 810-SET |
| 3/4" | 12 ALOK | 810-SET |

Alok Plug/Cap



| Size | Part No. | Interchange |
|------|----------|-------------|
| 1/4" | 4BLP4 | 400-P |
| 3/8" | 6BLP6 | 600-P |
| 1/2" | 8BLP8 | 810-P |
| 3/4" | 12BLP12 | 1210-P |
| 1" | 16BLP16 | 1610-P |

Bulkhead Union



| Size | Part No. | Interchange |
|------|------------|-------------|
| 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



HANLEY CONTROLS

CLONMEL

www.hccl.ie

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 |

| Size |
|-----------------|
| 1/4" x 1/8" |
| 3/8" x 1/4" |
| 1/2" x 1/4" |
| 1/2" x 3/8" |
| 3/4" x 1/4" |
| 3/4" x 3/8" |
| 3/4" x 1/2" |
| 1" x 3/4" |
| 1" x 1/4" |
| 1" x 1/2" |
| 1 1/4" x 1" |
| 1 1/2" x 1" |
| 1 1/2" x 1 1/4" |
| 2" x 1" |
| 2" x 1 1/2" |

Red Bush



| Part No. |
|-----------|
| HRB-4-3 |
| HRB-6-5 |
| HRB-8-4 |
| HRB-8-6 |
| HRB-12-4 |
| HRB-12-6 |
| HRB-12-8 |
| HRB-16-12 |
| HRB-16-4 |
| HRB-16-8 |
| HRB-20-17 |
| HRB-24-16 |
| HRB-24-20 |
| HRB-32-16 |
| 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 |



HANLEY CONTROLS

CLOMEL

www.hccl.ie

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 |



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

**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 |

**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 |

**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 |

**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 |

**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 |

**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 |

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 |

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 |

**Internal Hex Head
Plug BSPP**



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

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

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 |
| 1 1/2" 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 |
| 1 1/2" x 1 1/2" | TL14AM7-SF1-11/2 |



HANLEY CONTROLS

CLONMEL

www.hccl.ie

GAUGES



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 |

| | | | |
|--|----------|----------|----------|
| Model 732 is a Vibragauge, no need to fill with glycerine | 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 |

| | | | |
|---|----------|----------|----------|
| Supplied as a dry gauge, can be glycerine filled | 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



HANLEY CONTROLS

CLOMEL

www.hccl.ie

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



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 |

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

| | | |
|--|-------------|---|
| 500m drum Shorter lengths available | SIZE | Green |
| | 06 x 04mm | 1001 Y00 00 42 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

| | | | | |
|-----------|-------------|--------------|-------------|------------|
| 100m coil | SIZE | Black | Blue | Red |
| | 06 x 04mm | 1100U06K01 | | |
| | 08 x 5.5mm | 1100U08K01 | 1100U08K04 | 1100U08K03 |
| 300m drum | 12 x 08mm | 1100U12K01 | 1100U12K04 | 1100U12K03 |
| | 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

| | | | | |
|-----------|-------------|----------------|--------------|-------------|
| 75m coil | SIZE | Natural | Black | Blue |
| | 12 x 9mm | 1075Y12F00 | 1075Y12F01 | 1075Y12F04 |
| 300m coil | 06 x 04mm | 1030Y06F00 | 1030Y06F01 | 1030Y06F04 |
| | 06 x 04mm | 1090Y06F00 | | |



PTFE

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

| | | |
|-------------------------------------|-------------|----------------|
| 500m drum 100m drum 100m drum | SIZE | Natural |
| | 06 x 04mm | A1AS111664 |
| | 06 x 04mm | A1AS002513 |
| | 1/4" OD | A1AS002899 |



More PTFE sizes and shorter coil lengths on page xx



HANLEY CONTROLS

C L O N M E L

www.hccl.ie

HOSE & TUBING

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**



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

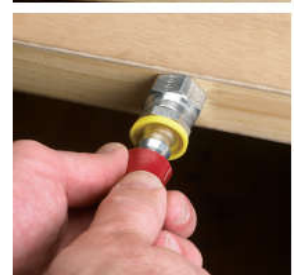
| | |
|------------|------|
| 801PLUS-4 | 1/4" |
| 801PLUS-6 | 3/8" |
| 801PLUS-8 | 1/2" |
| 801PLUS-12 | 3/4" |
| 801PLUS-16 | 1" |
| 830M-8 | 1/2" |
| 830M-12 | 3/4" |

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-15-38SHV06T | 15 | 3/8" | 3/8" | 3/8" |





HANLEY CONTROLS

CLONMEL

www.hccl.ie



legris BLOW GUNS

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

www.hccl.ie



LF3000 PUSH-IN

Nickel plated brass / Technical Polymer
Vacuum to 20 Bar
-20 / +80 deg C

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

www.hccl.ie



legris LF3000 PUSH-IN

Nickel plated brass / Technical Polymer
Vaccum to 20 Bar
-20 / +80 deg C

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 |

**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 |



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 |



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 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 |

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 |

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 |

REGULATOR
P3LRA12BNGP

Size
1/4"

Type
Relieving

Gauge
8 bar



FILTER
P3LFA12EPSN

Size
1/4"

Type
5 micron

Drain
Semi-auto



COALESCING FILTER
P3LFA12CPPN

Size
1/4"

Type
0.01 micron

Drain
Manual push



FILTER REG
P3LEA12GPPBNNP
P3LEA12EPPBNGP

Size
1/4"
1/4"

Type
Relieving
Relieving

Drain
Manual push
Manual push

Gauge
none
8 bar

Filter
40 micron
5 micron



FRL COMBO
P3LCA12PEPNGLNW
P3LCA12PESNGLNW

Size
1/4"
1/4"

Type
Relieving
Relieving

Drain
Manual push
Semi-auto

Gauge
8 Bar
8 Bar

Filter
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 G¹/₄
- 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

www.hccl.ie

Parker P31 SERIES

ACCESSORIES

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



Gauge



P3D-KAB1ANN

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



Angle Bracket



P31KB00MR

| 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 |



O-ring Kit



P31KA00CY

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



Key-lock Kit



| BALL/LOCKOUT VALVE | Size |
|--------------------|------|
| P31VB12LBNN | 1/4" |



Panel Nut (Alu)



P31KB00AL

| BODY CONNECTOR | Size |
|----------------|------|
| P31KA00CB | 1/4" |



P31KA00MM

P31 Mini Series

40mm body width

1/4" Ported

| Flows up to: | dm ³ /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

www.hccl.ie

Parker P32 SERIES

| | | | | |
|--|-----------------------------|---|----------------------------------|-------------------------------|
| REGULATOR P32RB14BNGP | Size 1/2" | Type Relieving | Gauge 8 bar | |
| FILTER P32FB14EGMN P32FB14EGAN | Size 1/2" 1/2" | Type 5 micron 5 micron | Drain Manual Auto | |
| COALESCING FILTER P32FB14DGMN P32FB14DGAN | Size 1/2" 1/2" | Type 0.01 micron 0.01 micron | Drain Manual Auto | |
| FILTER REG P32EB14EGMBNGP P32EB14EGMNNNP | Size 1/2" 1/2" | Type Relieving Non-Relieving | Drain Manual Manual | Gauge 8 bar none |
| FRL COMBO P32CA14GEMNGLNW | Size 1/2" | Type Relieving | Drain Manual | Gauge 8 bar |
| BALL/LOCKOUT VALVE P32VB14LBNN | Size 1/2" | | | |
| BODY CONNECTOR P32KA00CB | Size 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: dm³/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



REGULATOR
P3XRA14BNGN
P3XRA16BNGN

| Size | Type | Gauge |
|------|-----------|-------|
| 1/2" | Relieving | 8 bar |
| 3/4" | Relieving | 8 bar |



ACCESSORIES

Gauge



KG8012-00

FILTER
P3XFA14EGCN

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



Wall Bracket



P3XKA00MW

COALESCING FILTER
P3XFA14DGCN

| Size | Type | Drain |
|------|-------------|------------------|
| 1/2" | 0.01 micron | Manual/semi-auto |

FILTER REG
P3XEA14EGCBNGN
P3XEA16EGCBNGN

| Size | Type | Drain | Gauge |
|------|-----------|----------|-------|
| 1/2" | Relieving | Man/S.A. | 8 bar |
| 3/4" | Relieving | Man/S.A. | 8 bar |



Modular Connector



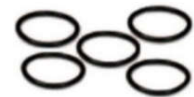
P3XKA00CB

FRL COMBO
P3XCA14GEANGPNW
P3XCA14GECNGPNW

| Size | Type | Drain | Gauge |
|------|-----------|----------|-------|
| 1/2" | Relieving | Auto | 8 Bar |
| 1/2" | Relieving | Man/S.A. | 8 Bar |



O-ring Kit



P3XKA04CY

FRL & SLIDE VALVE
P3XAA14GECNGPNW

| Size | Type | Drain | Gauge |
|------|-----------|----------|-------|
| 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



Fluid Power Safety Products and Solutions



M35 Series Double
Valves for External
Monitoring



Classic L-O-X Manual
Lockout Valve



Hydraulic Block &
Bleed



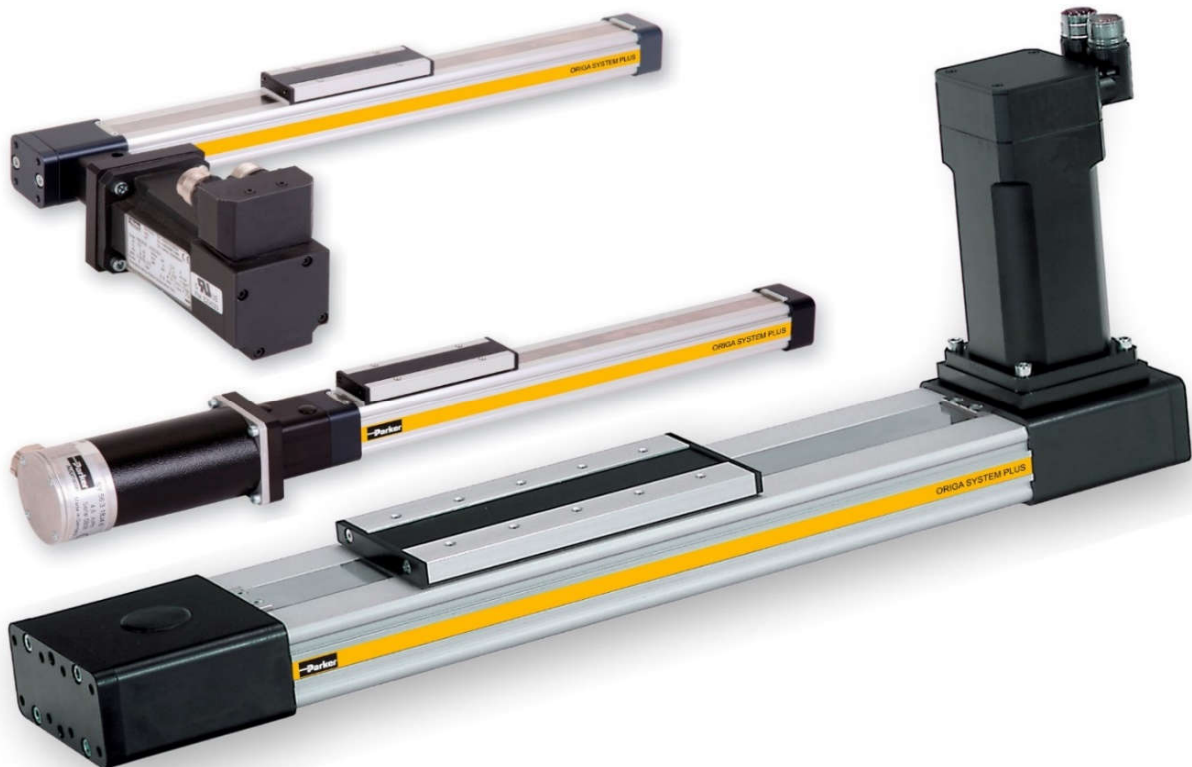
High Performance... From Foundry to Clean Room

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)





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

| | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| P | 1 | F | - | S | 0 | 3 | 2 | M | S | - | 0 | 1 | 0 | 0 |
| | | | | 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 |



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 |

Solenoid 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 |



**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 | Connecting kit | Size | Port |
| | | | 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 |

**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+ +Held in 3 pos |
| 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* *Self centring |

Notes

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

PNEUMATIC VALVE / CONTACT BLOCK



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



Mushroom Head 40mm

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



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



Latching Pushbutton/e-stop

- ZB4-BS844 Red



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



Selector Switch

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

MOUNTING BLOCK - REQUIRED FOR ALL OPTIONS



Locking Selector Switch

- ZB4-BJ294 2 pos



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

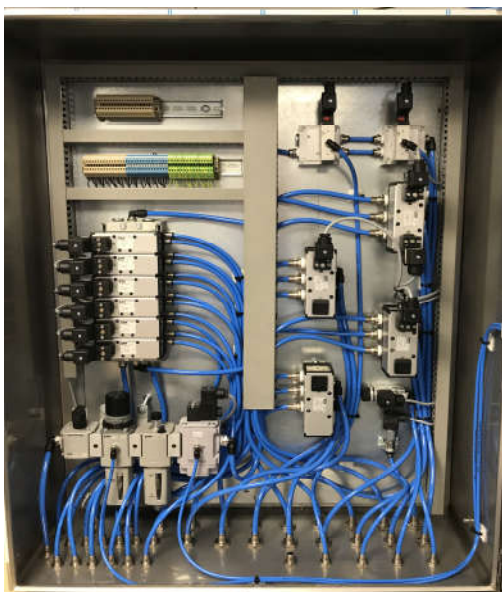
Part No.
PZU-C12

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

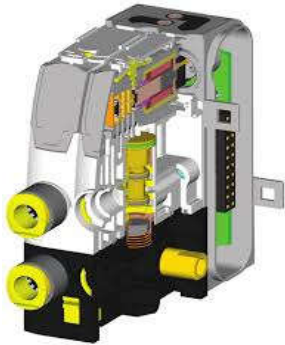


Custom Built Electro/Pneumatic Panel



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

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 |
| Accessories | | | | | |
| 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 Maglift, 2/2, all fluids (Zero Pressure Differential)



| | Valve Body Only | |
|------|-----------------|----------|
| Size | Brass | SS316L |
| 3/8" | 221G13 | 221G6306 |
| 1/2" | 221G15 | 221G6506 |
| 3/4" | 221G16 | 221G6606 |
| 1" | 221G17 | 221G6106 |

| Coil Part No.* | Voltage | DIN Plug |
|----------------|---------------|---|
| 492425C2 | 24vDC 0-6bar | 3EV290V10 |
| 481865A3 | 24vAC 0-16bar | DIN Plug w /LED & 5m cable 3EV290V20-24L5 3EV290V20-110L5 3EV290V20-230L5 |
| 4818653D | 230v 0-16bar | |
| 481865A6 | 110v 0-16bar | |

*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 | VFBL40 | VFF40 |
| VFCF40-FG1/4 | VFCF40-U02 | 1/4" | VFB30 | VFB40 | VFBL30 | VFB40 | VFBL40 | VFF40 |
| VFCF40-FG3/8 | VFCF40-U03 | 3/8" | VFB30 | VFB40 | VFBL30 | VFB40 | VFBL40 | VFF40 |
| 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 | | | |





HANLEY CONTROLS

CLONMEL

www.hccl.ie

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

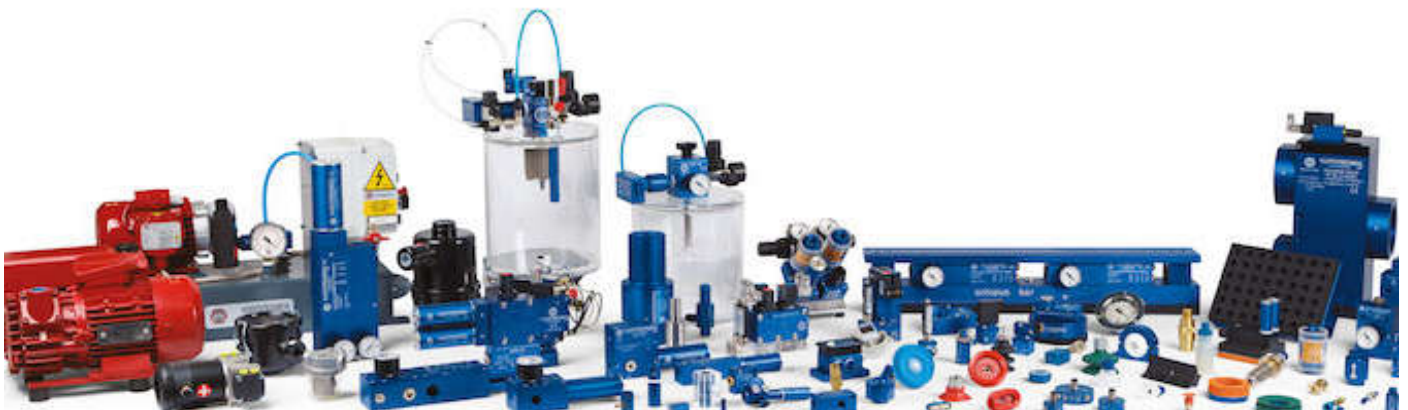
Vacuum Suction Cups
 Vacuum Solenoid Valves
 Vacuum Filters
 Vacuum Generators & Pumps

Vacuum Lifter Octopus Units
 Vacuum Grippers
 Vacuum Digital Pressure Switch



VUOTOTECNICA®

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 | Schrader ref | Female BSPP | Schrader ref | Hosetail | Schrader ref |
|------|-------------|--------------|-------------|--------------|-------------|--------------|
| 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 |



HANLEY CONTROLS

CLONMEL

www.hccl.ie

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



HANLEY CONTROLS

CLONMEL

www.hccl.ie

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

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)



HANLEY CONTROLS

CLONMEL

www.hccl.ie

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)

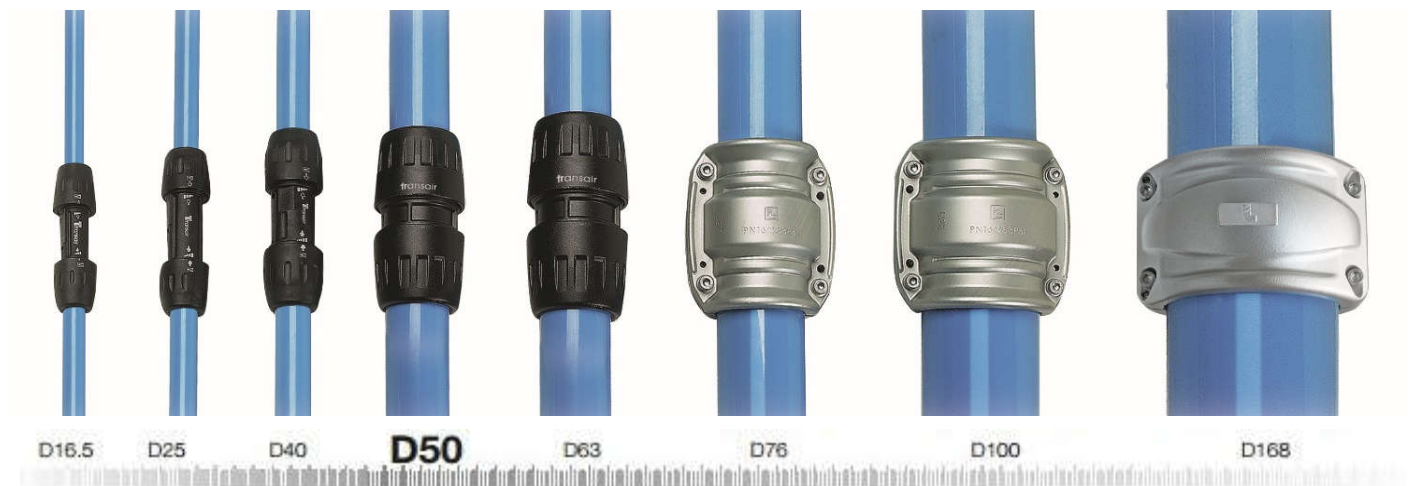
(**Model NB38C/200 FM3)



SCREW COMPRESSOR SALES & SERVICE

The advertisement shows a collection of screw compressors from different brands. On the left, there is a blue NUAIR portable compressor. In the center, a red Fini industrial compressor. To the right, a large blue and grey Power System NOBEL 112 stationary compressor. The bottom right corner features logos for POWER SYSTEM, FSN, NUAIR, and Fini. Below the logos, the text reads "Four Great Brands Working Together".

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.





HANLEY CONTROLS
CLONMEL

www.hccl.ie

INDUSTRIAL TOOLS & SOLUTIONS

Atlas Copco



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



HANLEY CONTROLS

CLONMEL

www.hccl.ie

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*



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 |



HANLEY CONTROLS

C L O N M E L

www.hccl.ie

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 CLONMEL

- 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





HANLEY CONTROLS

CLONMEL

www.hccl.ie



SCHOELLER BLECKMANN

