



**Instantor<sup>®</sup> PH** +353 (0) 1 842 6255 **EMAIL** [sales@instantor.ie](mailto:sales@instantor.ie)

**Sanbra Fyffe Ltd**, Instantor Works, Santry Avenue, Santry, Dublin 9, D09 K160, Ireland

### **SALES TEAM**

**Mark Fahy** +353 (0) 87 603 2972

Hansen Business Development Manager

**Padraig Corcoran** +353 (0) 87 205 5110 Leinster

**Mark Healy** +353 (0) 87 777 0832 Munster

**Sean McEvilly** +353 (0) 87 161 5587 Connacht\*

**Mark Neeson** +353 (0) 7495 212961 Northern Ireland

\* Includes Cavan, Donegal & Monaghan

### **SALES OFFICE TEAM**

**Ciaran Beirne** Sales Office Manager

**Maria Fowler**

**Ciara Foley**

### **DISPATCH**

**David Dempsey**

Warehouse Manager

+ 353 (0) 1 842 6255

### **OPENING HOURS**

**Monday - Thursday:** 8.30am – 5.00pm • **Friday:** 8.30am - 4.00pm



**HERRON  
& SON LIMITED**  
Established 1947

**PH** +353 (0) 71 9133100 **EMAIL** [enquiry@herron.ie](mailto:enquiry@herron.ie)

**Herron & Son Ltd**, Ballina Rd, Ballisodare Rd, Co Sligo, Ireland, F91 DH39

### **SALES TEAM**

**Colum Murphy** General Manager +353 (0) 86 812 4592

**Ashley Molloy** Sales Manager +353 (0) 87 286 9043

**Val Stafford** +353 (0) 87 257 0476 South-East

**Dermot O'Sullivan** +353 (0) 86 811 7660 South-West

**Fergal Smith** +353 (0) 87 718 8221 North-East

**Adrian Walker** +353 (0) 87 242 0580 North & North-West

**Cormac Mullen** +353 (0) 87 190 5590 Mid-West

### **SALES OFFICE TEAM**

**Bruce Dungan** Office Manager

**Johanna Bree**

**Shane Kerr**

### **DISPATCH**

**Francis O'Beirne**

Warehouse Manager

+353 (0) 71 9133100

### **OPENING HOURS**

**Monday - Thursday:** 8:30am - 5:00pm • **Friday:** 8:30am - 4:00pm

# *Easy Fit Normal Gauge Compression Fittings*

## *Normal Gauge* Compression Fittings Features & Benefits

- Manufactured in New Zealand using Best Quality Materials to withstand the harshest weather conditions
- One piece fitting captive components when fitting assembled correctly
- O-Ring is pre-lubricated for easy pipe insertion and reliable leak free connections
- Manufactured from UV Stabilised High Quality Virgin Polypropylene giving weather, termite, fungi and bacterial resistance
- High Pressure Rated
- Sleek, Compact Design for easy installation
- Easy Grip Nuts for rapid winding onto pipe
- Dependable High Quality Threaded Components
- Potable (Drinking) water approved

### **Normal Gauge Fittings will fit Pipes with the following specifications**

- IS 134 (Normal Gauge)
- Low Density Class C BS 1972/67
- Low Density Class D BS 1972/67
- High Density Class C BS 3284/67

**See page 11 for more information**

The *Easy Fit* Normal Gauge Compression fitting range has been designed specifically for joining Normal Gauge Polyethylene pipe together. Building on 60 years experience in the manufacturing of pipe fittings and valves, the sleek, precision, compact design uses only the very best materials to withstand the harshest weather conditions.

Hansen *Easy Fit* Normal Gauge Compression Fittings are designed for Normal Gauge Polyethylene Pipe. Fitting sizes 1/2" to 2" are pressure rated to 16bar.

Hansen Products knows the importance that pipe fittings play in the performance and control of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best Installed Value". All Hansen products carry our Limited Lifetime Warranty\*.

## *Normal Gauge* Compression Fittings Standards and Approvals

**AS/NZS 4020:** Hansen *Easy Fit* Compression Fittings meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.

**WaterMark™:** Hansen *Easy Fit* Compression Fittings have achieved the esteemed WaterMark™ certification for use in plumbing and drainage installations.

**Normal Gauge Joiner** *Used for connecting Normal Gauge Polyethylene Pipe.*

Poly x Poly



Code	Size	Pack Size	Price €
HNGJ1/2	1/2"	EA	
HNGJ3/4	3/4"	EA	
HNGJ1	1"	EA	
HNGJ1-1/4	1-1/4"	EA	
HNGJ1-1/2	1-1/2"	EA	
HNGJ2	2"	EA	

**Normal Gauge Reducing Joiner**

Poly x Poly



Code	Size	Pack Size	Price €
HNGRJ3/4x1/2	3/4" x 1/2"	EA	
HNGRJ1x1/2	1" x 1/2"	EA	
HNGRJ1x3/4	1" x 3/4"	EA	
HNGRJ1-1/4x3/4	1-1/4" x 3/4"	EA	
HNGRJ1-1/4x1	1-1/4" x 1"	EA	
HNGRJ1-1/2x1	1-1/2" x 1"	EA	
HNGRJ1-1/2x1-1/4	1-1/2" x 1-1/4"	EA	
HNGRJ2x1	2" x 1"	EA	
HNGRJ2x1-1/4	2" x 1-1/4"	EA	
HNGRJ2x1-1/2	2" x 1-1/2"	EA	

*Used for connecting Normal Gauge Polyethylene Pipe to Female Threads.*

**Normal Gauge Male End Connector**

Poly x M.I. BSPT



Code	Size	Pack Size	Price €
HNGMEC1/2x1/2	1/2" x 1/2"	EA	
HNGMEC1/2x3/4	1/2" x 3/4"	EA	
HNGMEC3/4x3/4	3/4" x 3/4"	EA	
HNGMEC3/4x1	3/4" x 1"	EA	
HNGMEC1x3/4	1" x 3/4"	EA	
HNGMEC1x1	1" x 1"	EA	
HNGMEC1x1-1/4	1" x 1-1/4"	EA	
HNGMEC1x1-1/2	1" x 1-1/2"	EA	
HNGMEC1-1/4x1	1-1/4" x 1"	EA	
HNGMEC1-1/4x1-1/4	1-1/4" x 1-1/4"	EA	
HNGMEC1-1/4x1-1/2	1-1/4" x 1-1/2"	EA	
HNGMEC1-1/4x2	1-1/4" x 2"	EA	
HNGMEC1-1/2x1-1/2	1-1/2" x 1-1/2"	EA	
HNGMEC1-1/2x2	1-1/2" x 2"	EA	
HNGMEC2x1-1/2	2" x 1-1/2"	EA	
HNGMEC2x2	2" x 2"	EA	

*Used for connecting Normal Gauge Polyethylene Pipe to Male Threads.*

**Normal Gauge  
Female  
End Connector**  
Poly x F.I. BSPT



Code	Size	Pack Size	Price €
HNGFEC1/2x1/2	1/2" x 1/2"	EA	
HNGFEC1/2x3/4	1/2" x 3/4"	EA	
HNGFEC3/4x1/2	3/4" x 1/2"	EA	
HNGFEC3/4x3/4	3/4" x 3/4"	EA	
HNGFEC3/4x1	3/4" x 1"	EA	
HNGFEC1x3/4	1" x 3/4"	EA	
HNGFEC1x1	1" x 1"	EA	
HNGFEC1x1-1/4	1" x 1-1/4"	EA	
HNGFEC1-1/4x1-1/4	1-1/4" x 1-1/4"	EA	
HNGFEC1-1/4x1-1/2	1-1/4" x 1-1/2"	EA	
HNGFEC1-1/2x1-1/2	1-1/2" x 1-1/2"	EA	
HNGFEC1-1/2x2	1-1/2" x 2"	EA	
HNGFEC2x2	2" x 2"	EA	

*Used for connecting Normal Gauge Polyethylene Pipe.*

**Normal Gauge  
Unequal Tee**  
Poly x Poly x Poly



Code	Size	Pack Size	Price €
HNGUT3/4x1/2	3/4" x 3/4" x 1/2"	EA	
HNGUT1x3/4	1" x 1" x 3/4"	EA	
HNGUT1-1/2x1	1-1/2" x 1-1/2" x 1"	EA	
HNGUT1-1/2x1-1/4	1-1/2" x 1-1/2" x 1-1/4"	EA	
HNGUT2x1-1/2	2" x 2" x 1-1/2"	EA	

*Used for connecting Normal Gauge Polyethylene Pipe.*

**Normal Gauge  
Equal Tee**  
Poly x Poly x Poly



Code	Size	Pack Size	Price €
HNGET1/2	1/2"	EA	
HNGET3/4	3/4"	EA	
HNGET1	1"	EA	
HNGET1-1/4	1-1/4"	EA	
HNGET1-1/2	1-1/2"	EA	
HNGET2	2"	EA	



*Used for connecting Normal Gauge Polyethylene Pipe to Male Threads.*

**Normal Gauge  
Female Tee**  
Poly x Poly x F.I. BSPT



**Code**

HNGFT1/2x1/2  
HNGFT1/2x3/4  
HNGFT3/4x1/2  
HNGFT3/4x3/4  
HNGFT3/4x1  
HNGFT1x1/2  
HNGFT1x3/4  
HNGFT1x1  
HNGFT1x1-1/4  
HNGFT1-1/4x1-1/4  
HNGFT1-1/4x1-1/2  
HNGFT1-1/2x1-1/2  
HNGFT1-1/2x2  
HNGFT2x2

**Size**

1/2" x 1/2"  
1/2" x 3/4"  
3/4" x 1/2"  
3/4" x 3/4"  
3/4" x 1"  
1" x 1/2"  
1" x 3/4"  
1" x 1"  
1" x 1-1/4"  
1-1/4" x 1-1/4"  
1-1/4" x 1-1/2"  
1-1/2" x 1-1/2"  
1-1/2" x 2"  
2" x 2"

**Pack  
Size**

EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA

**Price €**

**Normal Gauge  
Male Tee**  
Poly x Poly x M.I. BSPT



*Used for connecting Normal Gauge Polyethylene Pipe to Female Threads.*

**Code**

HNGMT3/4x1/2  
HNGMT3/4x3/4

**Size**

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

**Pack  
Size**

EA  
EA

**Price €**

**Normal Gauge  
Elbow**  
Poly x Poly



*Used to connect two Normal Gauge Polyethylene Pipe at a 90° angle.*

**Code**

HNGE1/2  
HNGE3/4  
HNGE1  
HNGE1-1/4  
HNGE1-1/2  
HNGE2

**Size**

1/2"  
3/4"  
1"  
1-1/4"  
1-1/2"  
2"

**Pack  
Size**

EA  
EA  
EA  
EA  
EA  
EA

**Price €**

**Normal Gauge  
Female Elbow**  
Poly x F.I. BSPT



*Used for connecting Normal Gauge Polyethylene Pipe to Male Threads.*

Code	Size	Pack Size	Price €
HNGFE1/2x1/2	1/2" x 1/2"	EA	
HNGFE1/2x3/4	1/2" x 3/4"	EA	
HNGFE3/4x1/2	3/4" x 1/2"	EA	
HNGFE3/4x3/4	3/4" x 3/4"	EA	
HNGFE3/4x1	3/4" x 1"	EA	
HNGFE1x1	1" x 1"	EA	
HNGFE1x1-1/4	1" x 1-1/4"	EA	
HNGFE1-1/4x1-1/4	1-1/4" x 1-1/4"	EA	
HNGFE1-1/4x1-1/2	1-1/4" x 1-1/2"	EA	
HNGFE1-1/2x1-1/2	1-1/2" x 1-1/2"	EA	
HNGFE1-1/2x2	1-1/2" x 2"	EA	
HNGFE2x2	2" x 2"	EA	

**Normal Gauge  
Male Elbow**  
Poly x M.I. BSPT



*Used for connecting Normal Gauge Polyethylene Pipe to Female Threads.*

Code	Size	Pack Size	Price €
HNGME1/2x1/2	1/2" x 1/2"	EA	
HNGME3/4x3/4	3/4" x 3/4"	EA	
HNGME1x1	1" x 1"	EA	

**Normal Gauge  
End Cap**



*Used to blank off pipe ends for future use.*

Code	Size	Pack Size	Price €
HNGEC1/2	1/2"	EA	
HNGEC3/4	3/4"	EA	
HNGEC1	1"	EA	
HNGEC1-1/4	1-1/4"	EA	
HNGEC1-1/2	1-1/2"	EA	
HNGEC2	2"	EA	

**Normal Gauge  
Wall Plate Elbow**  
Poly x F.I. BSPT



*Used for connecting taps to Normal Gauge Polyethylene Pipe using a compression style joint.*

Code	Size	Pack Size	Price €
HNGWPE1/2x1/2	1/2" x 1/2"	EA	
HNGWPE3/4x1/2	3/4" x 1/2"	EA	
HNGWPE3/4x3/4	3/4" x 3/4"	EA	

**Normal Gauge Liner Red** *Used for supporting the wall section in Normal Gauge Polyethylene Pipe.*



**Code**

HNGL1/2  
HNGL3/4  
HNGL1  
HNGL1-1/4  
HNGL1-1/2  
HNGL2

**Size**

1/2"  
3/4"  
1"  
1-1/4"  
1-1/2"  
2"

**Pack Size**

EA  
EA  
EA  
EA  
EA  
EA

**Price €**

**Normal Gauge Connection Kit** *Used in connecting Normal Gauge Polyethylene Pipe into a compression fitting.*



**Code**

HNGCK3/4  
HNGCK1

**Size**

3/4"  
1"

**Pack Size**

EA  
EA

**Price €**



HNGCK1/2  
HNGCK1-1/4  
HNGCK1-1/2

1/2"  
1-1/4"  
1-1/2"

EA  
EA  
EA



HNGCK2

2"

EA

*Used for Reducing an existing body size to a smaller diameter pipe.*

**Normal Gauge Reducing Kit**



**Code**

HNGRK3/4x1/2  
HNGRK1x1/2  
HNGRK1x3/4  
HNGRK1-1/4x1

**Size**

3/4" x 1/2"  
1" x 1/2"  
1" x 3/4"  
1-1/4" x 1"

**Pack Size**

EA  
EA  
EA  
EA

**Price €**

**Hansen Nut Normal Gauge / Metric / Heavy Gauge** *Replacement Nut for the Easy Fit Normal Gauge / Metric / Heavy Gauge Range.*



**Code**

HNUT1/2/20  
HNUT3/4/25  
HNUT1/32  
HNUT1-1/4/40  
HNUT1-1/2/50  
HNUT2/63

**Size**

1/2" / 20mm  
3/4" / 25mm  
1" / 32mm  
1-1/4" / 40mm  
1-1/2" / 50mm  
2" / 63mm

**Pack Size**

EA  
EA  
EA  
EA  
EA  
EA

**Price €**

## Installation Instructions

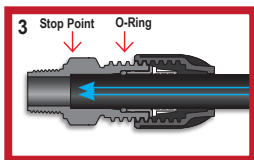
### Normal Gauge Compression Fittings

#### EASY TO INSTALL

Reliable leak proof seals are the hallmark of any Hansen fitting and that's no exception when it comes to the *Easy Fit* Compression range, the simple steps make installation a breeze.



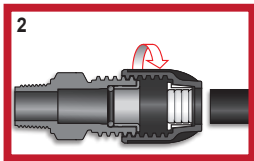
1. Cut the pipe with pipe cutters, knife or saw. Ensure a square cut of pipe ends. Clean burrs from pipe ends. Keep the pipe end clean and as free of scratches and imperfections as possible.



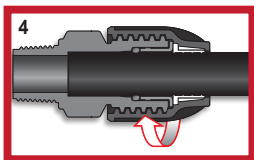
3. Insert the pipe into the fitting through the Nut and various internal components until it meets resistance at the O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.

The hydraulic seal is created when the pipe passes the O-Ring. Tightening the Nut is to achieve pull out resistance of the pipe.

*Note that the internal componentry shown is indicative only and may vary depending on the connection kit used (pipe size and grade). Please refer to connection kit technical information for specific internal detail.*



2. Undo the Nut to the last thread, do not remove Nut from the Body.



4. Firmly hand tighten the Nut. Use a pair of Poly Grips for a further half turn past hand tight for final tightening on 40mm fittings and greater.

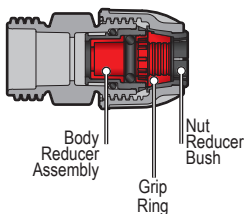


## Installation Instructions Normal Gauge Reducing Kit



	3/4" x 1/2"	1" x 1/2"	1" x 3/4"	1-1/4" x 1"
Nut Reducer Bush	✓	✓	✓	✓
Grip Ring	✓	✓	✓	✓
Body Reducer Assembly	✓	✓	✓	✓
Number of Parts	3	3	3	3

### Normal Gauge Reducing Kit Installed



3/4" x 1/2" Kit shown

#### 1. Disassemble

Remove the Nut from the fitting and put aside. Remove all other internal components from the fitting and discard.

#### 2. Install Reducer components

Insert the Body Reducer into the fitting body, small end first. Insert the Nut Reducer into the nut, small end first, and push until it clips into place.

#### 3. Grip Ring & Nut

Insert the tapered end of the Grip Ring into the Nut Reducer. Screw the Nut onto the fitting body one turn.

#### 4. Cut pipe

Ensure the end of the pipe is cut square and is chamfered if not using a Pipe Liner. Clean burrs from pipe ends and keep the pipe end clean and as free of scratches and imperfections as possible.

#### 5. Insert pipe

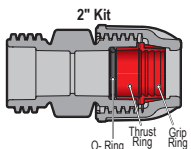
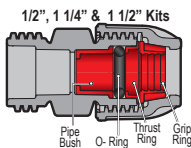
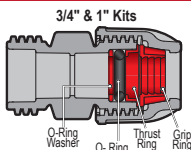
Insert the pipe into the fitting through the Nut, Grip Ring & Body Reducing Assembly until it meets resistance at the internal O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.

#### 6. Tighten the Nut

Firmly hand tighten the Nut. Use a pair of Poly grips for a further half turn past hand tight for final tightening of 40mm & 1-1/4" fittings and greater.

## Normal Gauge Connection Kit parts per size guide

	1/2" Kit	3/4" Kit	1" Kit	1 1/4" Kit	1 1/2" Kit	2" Kit
Grip Ring	✓	✓	✓	✓	✓	✓
Thrust Ring	✓	✓	✓	✓	✓	✓
O-Ring	✓	✓	✓	✓	✓	✓
O-Ring Washer		✓	✓			
Pipe Bush	✓			✓	✓	
Number of Parts	4	4	4	4	4	3



## Connection Kit Installation Instructions



**1. Dissassemble** Remove the Nut from the fitting and put aside. Remove all other internal components from the fitting and discard.



**2. Install New Components** The number of components varies depending on the pipe type and size. Insert them into the fitting body in the order shown in the table above, starting at the bottom for the sized kit you are installing.



**3. Grip Ring & Nut** Insert the tapered end of the Grip Ring into the Nut. Screw the Nut onto the fitting body one turn.



**4. Cut pipe** Ensure the end of the pipe is cut square and is chamfered if not using a Pipe Liner. Clean burrs from pipe ends and keep the pipe end clean and as free of scratches and imperfections as possible.



**5. Insert pipe** into the fitting through the Nut, Grip Ring & Thrust Ring until it meets resistance at the O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.



**6. Firmly hand tighten the Nut.** Use a pair of Poly grips for a further half turn past hand tight for final tightening on 40mm & 1-1/4" fittings and greater.

## Compression Fittings Pipe Specifications

	Nominal Outside Diameter	Wall Thickness	
		min	max
	mm / "	mm	mm
Blue MDPE BS 6572	20	2.3	2.6
	25	2.3	2.6
	32	3.0	3.4
	50	4.6	5.2
	63	5.8	6.5

Black MDPE BS 6730	20	2.3	2.6
	25	2.3	2.6
	32	3.0	3.4
	50	4.6	5.2
	63	5.8	6.5

IS 134 Normal Gauge	1/2"	2.30	2.60
	3/4"	3.10	3.50
	1"	3.10	3.50
	1-1/4"	3.10	3.50
	1-1/2"	3.50	3.90
	2"	4.65	5.20

IRS 135 Heavy Gauge	1/2"	4.30	4.85
	3/4"	4.30	4.85
	1"	4.30	4.85
	1-1/4"	5.05	5.60
	1-1/2"	5.35	5.90

	Nominal Outside Diameter	Wall Thickness	
		min	max
	mm / "	mm	mm
Low Density Class D BS 1972/67	1/2"	3.4	3.7
	3/4"	4.3	4.7
	1"	5.4	5.9
	1-1/4"	6.8	7.5
	1-1/2"	7.8	8.6

Low Density Class C BS 1972/67	1/2"	2.7	3.0
	3/4"	3.4	3.7
	1"	4.2	4.6
	1-1/4"	5.3	5.8
	1-1/2"	6.1	6.7
	2"	7.6	8.4

Low Density Class C BS 3284/67	1/2"	1.8	2.0
	3/4"	2.3	2.6
	1"	2.8	3.1
	1-1/4"	3.6	4.0
	1-1/2"	4.1	4.5
	2"	5.1	5.6

*Easy Fit*

### Compression Fittings Maximum Working Pressure

16mm to 63mm (1/2" to 2"):

16 bar @ 20 degrees Celsius

# Easy Fit Metric Compression Fittings

## Metric Compression Fittings Features & Benefits

- Manufactured in New Zealand using Best Quality Materials to withstand the harshest weather conditions
- One piece fitting captive components when fitting assembled correctly
- O-Ring is pre-lubricated for easy pipe insertion and reliable leak free connections
- Manufactured from UV Stabilised High Quality Virgin Polypropylene giving weather, termite, fungi and bacterial resistance
- Sleek, Compact Design for easy installation
- High Pressure Rated
- Easy Grip Nuts for rapid winding onto pipe
- Dependable High Quality Threaded Components
- Potable (Drinking) water approved

### Metric Fittings will fit Pipes with the following specifications

- Black MDPE BS 6730
- Blue MDPE BS 6572
- Low Density Class C BS 1972/67
- Low Density Class D BS 1972/67
- High Density Class C BS 3284/67

See page 11 for more information

The *Easy Fit* Metric Compression fitting range has been designed specifically for joining Metric Polyethylene pipe together. Building on 60 years experience in the manufacturing of pipe fittings and valves, the sleek, precision, compact design uses only the very best materials to withstand the harshest weather conditions.

Hansen *Easy Fit* Metric Compression Fittings are designed for Metric Polyethylene Pipe. Fitting sizes 20mm to 63mm are pressure rated to 16bar.

Hansen Products knows the importance that pipe fittings play in the performance and control of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best Installed Value". All Hansen products carry our Limited Lifetime Warranty\*.

## Metric Compression Fittings Standards and Approvals

**WRAS:** Hansen *Easy Fit* Compression Fittings carry the WRAS approval by the Water Research Council in the UK which is the highest recognised water testing organisation in the world. A WRAS approved fitting must not cause waste, misuse, undue consumption or contamination of the water supply and must be of an appropriate quality and standard. Please refer to our website for full listing of the approved products [www.hansenproducts.com](http://www.hansenproducts.com).

**AS/NZS 4020:** Hansen *Easy Fit* Compression Fittings meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.

**WaterMark™:** Hansen *Easy Fit* Compression Fittings have achieved the esteemed WaterMark™ certification for use in plumbing and drainage installations.



*Used for connecting Metric Polyethylene Pipe.*

**Metric Joiner**  
Poly x Poly



**Code**

HMIJ20/1/2  
HMIJ25/3/4  
HMIJ32/1  
HMIJ40/1-1/4  
HMIJ50/1-1/2  
HMIJ63/2

**Size**

20mm / 1/2"  
25mm / 3/4"  
32mm / 1"  
40mm / 1-1/4"  
50mm / 1-1/2"  
63mm / 2"

**Pack Size**

EA  
EA  
EA  
EA  
EA  
EA

**Price €**

*Used for connecting Metric Polyethylene Pipe.*

**Metric Reducing Joiner**  
Poly x Poly



**Code**

HMIRJ25/3/4x20/1/2  
HMIRJ32/1x20/1/2  
HMIRJ32/1x25/3/4  
HMIRJ40/1-1/4x25/3/4  
HMIRJ40/1-1/4x32/1  
HMIRJ50/1-1/2x32/1  
HMIRJ50/11/2x40/11/4  
HMIRJ63/2x32/1  
HMIRJ63/2x40/1-1/4  
HMIRJ63/2x50/1-1/2

**Size**

25mm / 3/4" x 20mm / 1/2"  
32mm / 1" x 20mm / 1/2"  
32mm / 1" x 25mm / 3/4"  
40mm / 1-1/4" x 25mm / 3/4"  
40mm / 1-1/4" x 32mm / 1"  
50mm / 1-1/2" x 32mm / 1"  
50mm / 1-1/2" x 40mm / 1-1/4"  
63mm / 2" x 32mm / 1"  
63mm / 2" x 40mm / 1-1/4"  
63mm / 2" x 50mm / 1-1/2"

**Pack Size**

EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA

**Price €**

**Metric Male End Connector**  
Poly x M.I. BSPT



*Used for connecting Metric Polyethylene Pipe to Female Threads.*

**Code**

HMIMEC20/1/2x1/2  
HMIMEC20/1/2x3/4  
HMIMEC25/3/4x3/4  
HMIMEC25/3/4x1  
HMIMEC32/1x3/4  
HMIMEC32/1x1  
HMIMEC32/1x1-1/4  
HMIMEC32/1x1-1/2  
HMIMEC40/1-1/4x1  
HMIMEC40/1-1/4x1-1/4  
HMIMEC40/1-1/4x1-1/2  
HMIMEC40/1-1/4x2  
HMIMEC50/1-1/2x1-1/2  
HMIMEC50/1-1/2x2  
HMIMEC63/2x1-1/2  
HMIMEC63/2x2

**Size**

20mm / 1/2" x 1/2"  
20mm / 1/2" x 3/4"  
25mm / 3/4" x 3/4"  
25mm / 3/4" x 1"  
32mm / 1" x 3/4"  
32mm / 1" x 1"  
32mm / 1" x 1-1/4"  
32mm / 1" x 1-1/2"  
40mm / 1-1/4" x 1"  
40mm / 1-1/4" x 1-1/4"  
40mm / 1-1/4" x 1-1/2"  
40mm / 1-1/4" x 2"  
50mm / 1-1/2" x 1-1/2"  
50mm / 1-1/2" x 2"  
63mm / 2" x 1-1/2"  
63mm / 2" x 2"

**Pack Size**

EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA

**Price €**

*Used for connecting Metric Polyethylene Pipe to Male Threads.*

**Metric Female  
End Connector**  
Poly x F.I. BSPT



Code	Size	Pack Size	Price €
HMI FEC20/1/2x1/2	20mm / 1/2" x 1/2"	EA	
HMI FEC20/1/2x3/4	20mm / 1/2" x 3/4"	EA	
HMI FEC25/3/4x1/2	25mm / 3/4" x 1/2"	EA	
HMI FEC25/3/4x3/4	25mm / 3/4" x 3/4"	EA	
HMI FEC25/3/4x1	25mm / 3/4" x 1"	EA	
HMI FEC32/1x3/4	32mm / 1" x 3/4"	EA	
HMI FEC32/1x1	32mm / 1" x 1"	EA	
HMI FEC32/1x1-1/4	32mm / 1" x 1-1/4"	EA	
HMI FEC40/1-1/4x1-1/4	40mm / 1-1/4" x 1-1/4"	EA	
HMI FEC40/1-1/4x1-1/2	40mm / 1-1/4" x 1-1/2"	EA	
HMI FEC50/1-1/2x1-1/2	50mm / 1-1/2" x 1-1/2"	EA	
HMI FEC50/1-1/2x2	50mm / 1-1/2" x 2"	EA	
HMI FEC63/2x2	63mm / 2" x 2"	EA	

*Used for connecting Metric Polyethylene Pipe.*

**Metric  
Unequal Tee**  
Poly x Poly x Poly



Code	Size	Pack Size	Price €
HMI UT25/3/4x20/1/2	25mm / 3/4" x 25mm / 3/4" x 20mm / 1/2"	EA	
HMI UT32/1x25/3/4	32mm / 1" x 32mm / 1" x 25mm / 3/4"	EA	
HMI UT50/1-1/2x32/1	50mm / 1-1/2" x 50mm / 1-1/2" x 32mm / 1"	EA	
HMI UT50/1-1/2x40/1-1/4	50mm / 1-1/2" x 50mm / 1-1/2" x 40mm / 1-1/4"	EA	
HMI UT63/2x50/1-1/2	63mm / 2" x 63mm / 2" x 50mm / 1-1/2"	EA	

*Used for connecting Metric Polyethylene Pipe.*

**Metric Equal Tee**  
Poly x Poly x Poly



Code	Size	Pack Size	Price €
HMI ET20/1/2	20mm / 1/2"	EA	
HMI ET25/3/4	25mm / 3/4"	EA	
HMI ET32/1	32mm / 1"	EA	
HMI ET40/1-1/4	40mm / 1-1/4"	EA	
HMI ET50/1-1/2	50mm / 1-1/2"	EA	
HMI ET63/2	63mm / 2"	EA	

*Used for connecting Metric Polyethylene Pipe to Male Threads.*

**Metric Female Tee**  
Poly x Poly x F.I. BSPT



Code	Size	Pack Size	Price €
HMIFT20/1/2x1/2	20mm / 1/2" x 1/2"	EA	
HMIFT20/1/2x3/4	20mm / 1/2" x 3/4"	EA	
HMIFT25/3/4x1/2	25mm / 3/4" x 1/2"	EA	
HMIFT25/3/4x3/4	25mm / 3/4" x 3/4"	EA	
HMIFT25/3/4x1	25mm / 3/4" x 1"	EA	
HMIFT32/1x1/2	32mm / 1" x 1/2"	EA	
HMIFT32/1x3/4	32mm / 1" x 3/4"	EA	
HMIFT32/1x1	32mm / 1" x 1"	EA	
HMIFT32/1x1-1/4	32mm / 1" x 1-1/4"	EA	
HMIFT40/1-1/4x1-1/4	40mm / 1-1/4" x 1-1/4"	EA	
HMIFT40/1-1/4x1-1/2	40mm / 1-1/4" x 1-1/2"	EA	
HMIFT50/1-1/2x1-1/2	50mm / 1-1/2" x 1-1/2"	EA	
HMIFT50/1-1/2x2	50mm / 1-1/2" x 2"	EA	
HMIFT63/2x2	63mm / 2" x 2"	EA	

**Metric Male Tee**  
Poly x Poly x M.I. BSPT



*Used for connecting Metric Polyethylene Pipe to Female Threads.*

Code	Size	Pack Size	Price €
HMIMT25/3/4x1/2	25mm / 3/4" x 25mm / 3/4" x 1/2"	EA	
HMIMT25/3/4x3/4	25mm / 3/4" x 25mm / 3/4" x 3/4"	EA	

**Metric Elbow**  
Poly x Poly



*Used to connect two Metric Polyethylene Pipes at a 90° angle.*

Code	Size	Pack Size	Price €
HMIE20/1/2	20mm / 1/2"	EA	
HMIE25/3/4	25mm / 3/4"	EA	
HMIE32/1	32mm / 1"	EA	
HMIE40/1-1/4	40mm / 1-1/4"	EA	
HMIE50/1-1/2	50mm / 1-1/2"	EA	
HMIE63/2	63mm / 2"	EA	

*Used for connecting Metric Polyethylene Pipe to Male Threads.*

**Metric Female Elbow**  
Poly x F.I. BSPT



Code	Size	Pack Size	Price €
HMIFE20/1/2x1/2	20mm / 1/2" x 1/2"	EA	
HMIFE20/1/2x3/4	20mm / 1/2" x 3/4"	EA	
HMIFE25/3/4x1/2	25mm / 3/4" x 1/2"	EA	
HMIFE25/3/4x3/4	25mm / 3/4" x 3/4"	EA	
HMIFE25/3/4x1	25mm / 3/4" x 1"	EA	
HMIFE32/1x1	32mm / 1" x 1"	EA	
HMIFE32/1x1-1/4	32mm / 1" x 1-1/4"	EA	
HMIFE40/1-1/4x1-1/4	40mm / 1-1/4" x 1-1/4"	EA	
HMIFE40/1-1/4x1-1/2	40mm / 1-1/4" x 1-1/2"	EA	
HMIFE50/1-1/2x1-1/2	50mm / 1-1/2" x 1-1/2"	EA	
HMIFE50/1-1/2x2	50mm / 1-1/2" x 2"	EA	
HMIFE63/2x2	63mm / 2" x 2"	EA	

**Metric Male Elbow**  
Poly x M.I. BSPT



*Used for connecting Metric Polyethylene Pipe to Female Threads.*

Code	Size	Pack Size	Price €
HMIME20/1/2x1/2	20mm / 1/2" x 1/2"	EA	
HMIME25/3/4x3/4	25mm / 3/4" x 3/4"	EA	
HMIME32/1x1	32mm / 1" x 1"	EA	

*Used to blank off pipe ends for future use.*

**Metric End Cap**



Code	Size	Pack Size	Price €
HMIEC20/1/2	20mm / 1/2"	EA	
HMIEC25/3/4	25mm / 3/4"	EA	
HMIEC32/1	32mm / 1"	EA	
HMIEC40/1-1/4	40mm / 1-1/4"	EA	
HMIEC50/1-1/2	50mm / 1-1/2"	EA	
HMIEC63/2	63mm / 2"	EA	

*Used for repairing Metric Polyethylene Pipe. Fitting can be slipped along the length of damaged pipe as centre section of fitting body has been removed.*

**Metric  
Slip Joiner**  
Poly x Poly



Code	Size	Pack Size	Price €
HMISJ20/1/2	20mm / 1/2"	EA	
HMISJ25/3/4	25mm / 3/4"	EA	
HMISJ32/1	32mm / 1"	EA	
HMISJ40/1-1/4	40mm / 1-1/4"	EA	
HMISJ50/1-1/2	50mm / 1-1/2"	EA	
HMISJ63/2	63mm / 2"	EA	

**Metric Wall  
Plate Elbow**  
Poly x F.I BSPT



*Used for connecting taps to Metric Polyethylene Pipe using a compression style joint.*

Code	Size	Pack Size	Price €
HMILWPE20/1/2x1/2	20mm / 1/2" x 1/2"	EA	
HMILWPE25/3/4x1/2	25mm / 3/4" x 1/2"	EA	
HMILWPE25/3/4x3/4	25mm / 3/4" x 3/4"	EA	

*Used for supporting the wall section in Medium Density Pipe.*

**Metric Liner**



Code	Size	Pack Size	Price €
HMIL20/1/2	20mm / 1/2"	EA	
HMIL25/3/4	25mm / 3/4"	EA	
HMIL32/1	32mm / 1"	EA	
HMIL40/1-1/4	40mm / 1-1/4"	EA	
HMIL50/1-1/2	50mm / 1-1/2"	EA	
HMIL63/2	63mm / 2"	EA	

*Used in Connecting Metric Polyethylene Pipe into a compression fitting.*

**Metric  
Connection Kit**



<b>Code</b>	<b>Size</b>	<b>Pack Size</b>	<b>Price €</b>
HMICK25/3/4	25mm / 3/4"	EA	
HMICK32/1	32mm / 1"	EA	
HMICK40/1-1/4	40mm / 1-1/4"	EA	
HMICK20/1/2	20mm / 1/2"	EA	
HMICK50/1-1/2	50mm / 1-1/2"	EA	
HMICK63/2	63mm / 2"	EA	



**Metric  
Reducing  
Kit**

*Used for Reducing an existing body size to a smaller diameter pipe.*



<b>Code</b>	<b>Size</b>	<b>Pack Size</b>	<b>Price €</b>
HMIRK25/3/4x20/1/2	25mm / 3/4" x 20mm / 1/2"	EA	
HMIRK32/1x20/1/2	32mm / 1" x 20mm / 1/2"	EA	
HMIRK32/1x25/3/4	32mm / 1" x 25mm / 3/4"	EA	
HMIRK40/1-1/4x32/1	40mm / 1-1/4" x 32mm / 1"	EA	

**Hansen Nut  
Normal Gauge  
/ Metric /  
Heavy Gauge**

*Replacement Nut for the Easy Fit Normal Gauge / Metric / Heavy Gauge Range.*



<b>Code</b>	<b>Size</b>	<b>Pack Size</b>	<b>Price €</b>
HNUT1/2/20	1/2" / 20mm	EA	
HNUT3/4/25	3/4" / 25mm	EA	
HNUT1/32	1" / 32mm	EA	
HNUT1-1/4/40	1-1/4" / 40mm	EA	
HNUT1-1/2/50	1-1/2" / 50mm	EA	
HNUT2/63	2" / 63mm	EA	

## Installation Instructions

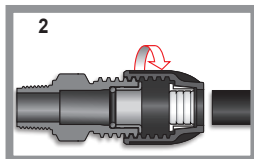
### Metric Compression Fittings

#### EASY TO INSTALL

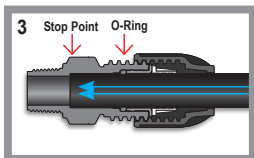
Reliable leak proof seals are the hallmark of any Hansen fitting and that's no exception when it comes to the *Easy Fit* Compression range, the simple steps make installation a breeze.



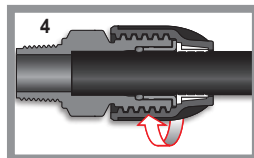
1. Cut the pipe with pipe cutters, knife or saw. Ensure a square cut of pipe ends. Clean burrs from pipe ends. Keep the pipe end clean and as free of scratches and imperfections as possible.



2. Undo the Nut to the last thread, do not remove Nut from the Body.



3. Insert the pipe into the fitting through the Nut and various internal components until it meets resistance at the O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.



4. Firmly hand tighten the Nut. Use a pair of Poly Grips for a further half turn past hand tight for final tightening on 40mm fittings and greater.

The hydraulic seal is created when the pipe passes the O-Ring. Tightening the Nut is to achieve pull out resistance of the pipe.

*Note that the internal componentry shown is indicative only and may vary depending on the connection kit used (pipe size and grade). Please refer to connection kit technical information for specific internal detail.*

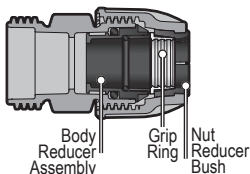


## Installation Instructions Metric Reducing Kit



	25mm x 20mm	32mm x 20mm	32mm x 25mm	40mm x 32mm
Nut Reducer Bush	✓	✓	✓	✓
Grip Ring	✓	✓	✓	✓
Body Reducer Assembly	✓	✓	✓	✓
Number of Parts	3	3	3	3

### Metric Reducing Kit Installed



#### 1. Disassemble

Remove the Nut from the fitting and put aside. Remove all other internal components from the fitting and discard.

#### 2. Install Reducer components

Insert the Body Reducer into the fitting body, small end first. Insert the Nut Reducer into the nut, small end first, and push until it clips into place.

#### 3. Grip Ring & Nut

Insert the tapered end of the Grip Ring into the Nut Reducer. Screw the Nut onto the fitting body one turn.

#### 4. Cut pipe

Ensure the end of the pipe is cut square and is chamfered if not using a Pipe Liner. Clean burrs from pipe ends and keep the pipe end clean and as free of scratches and imperfections as possible.

#### 5. Insert pipe







Insert the pipe into the fitting through the Nut, Grip Ring & Body Reducing Assembly until it meets resistance at the internal O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.

#### 6. Tighten the Nut

Firmly hand tighten the Nut. Use a pair of Poly grips for a further half turn past hand tight for final tightening of 40mm & 1-1/4" fittings and greater.



## Metric Connection Kit parts per size guide

						
	20mm Kit	25mm Kit	32mm Kit	40mm Kit	50mm Kit	63mm Kit
Grip Ring	✓	✓	✓	✓	✓	✓
Thrust Ring	✓	✓	✓	✓	✓	✓
O-Ring	✓	✓	✓	✓	✓	✓
O-Ring Washer		✓	✓	✓		
Number of Parts	3	4	4	4	3	3

## Connection Kit Installation Instructions



**1. Dissassemble** Remove the Nut from the fitting and put aside. Remove all other internal components from the fitting and discard.



**2. Install New Components** The number of components varies depending on the pipe type and size. Insert them into the fitting body in the order shown in the table above, starting at the bottom for the sized kit you are installing.



**3. Grip Ring & Nut** Insert the tapered end of the Grip Ring into the Nut. Screw the Nut onto the fitting body one turn.



**4. Cut pipe** Ensure the end of the pipe is cut square and is chamfered if not using a Pipe Liner. Clean burrs from pipe ends and keep the pipe end clean and as free of scratches and imperfections as possible.

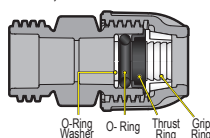


**5. Insert pipe** into the fitting through the Nut, Grip Ring & Thrust Ring until it meets resistance at the O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.

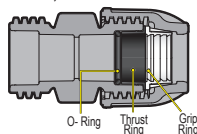


**6. Firmly hand tighten the Nut.** Use a pair of Poly grips for a further half turn past hand tight for final tightening on 40mm & 1-1/4" fittings and greater.

25, 32 & 40mm Kits



20, 50 & 63mm Kits



# Easy Fit Heavy Gauge Compression Fittings

## Heavy Gauge Compression Fittings Features & Benefits

- Manufactured in New Zealand using Best Quality Materials to withstand the harshest weather conditions
- One piece fitting captive components when fitting assembled correctly
- O-Ring is pre-lubricated for easy pipe insertion and reliable leak free connections
- Manufactured from UV Stabilised High Quality Virgin Polypropylene giving weather, termite, fungi and bacterial resistance
- Sleek, Compact Design for easy installation
- High Pressure Rated
- Easy Grip Nuts for rapid winding onto pipe
- Dependable High Quality Threaded Components
- Potable (Drinking) water approved

### Heavy Gauge Fittings will fit Pipes with the following specifications

- IRS 135 Heavy Gauge
- Low Density Class C BS 1972/67
- Low Density Class D BS 1972/67
- High Density Class C BS 3284/67

See page 11 for more information

The *Easy Fit* Heavy Gauge Compression fitting range has been designed specifically for joining Heavy Gauge Polyethylene pipe together. Building on 60 years experience in the manufacturing of pipe fittings and valves, the sleek, precision, compact design uses only the very best materials to withstand the harshest weather conditions.

Hansen *Easy Fit* Heavy Gauge Compression Fittings are designed for Heavy Gauge Polyethylene Pipe. Fitting sizes 1/2" to 2" are pressure rated to 16bar.

Hansen Products knows the importance that pipe fittings play in the performance and control of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best Installed Value". All Hansen products carry our Limited Lifetime Warranty\*.

## Heavy Gauge Compression Fittings Standards and Approvals

**AS/NZS 4020:** Hansen *Easy Fit* Compression Fittings meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.

**WaterMark™:** Hansen *Easy Fit* Compression Fittings have achieved the esteemed WaterMark™ certification for use in plumbing and drainage installations.

*Used for connecting Heavy Gauge Polyethylene Pipe.*

## Heavy Gauge Joiner

Poly x Poly



### Code

HHGJ1/2/20

HHGJ3/4/25

HHGJ1/32

HHGJ1-1/4/40

HHGJ1-1/2/50

### Size

1/2" / 20mm

3/4" / 25mm

1" / 32mm

1-1/4" / 40mm

1-1/2" / 50mm

### Pack Size

EA

EA

EA

EA

EA

### Price €

*Used for connecting Heavy Gauge Polyethylene Pipe.*

## Heavy Gauge Reducing Joiner

Poly x Poly



### Code

HHGRJ3/4/25x1/2/20

HHGRJ1/32x1/2/20

HHGRJ1/32x3/4/25

HHGRJ1-1/4/40x3/4/25

HHGRJ1-1/4/40x1/32

HHGRJ1-1/2/50x1/32

HHGRJ11/2/50x11/4/40

### Size

3/4" / 25mm x 1/2" / 20mm

1" / 32mm x 1/2" / 20mm

1" / 32mm x 3/4" / 25mm

1-1/4" / 40mm x 3/4" / 25mm

1-1/4" / 40mm x 1" / 32mm

1-1/2" / 50mm x 1" / 32mm

1-1/2" / 50mm x 1-1/4" / 40mm

### Pack Size

EA

EA

EA

EA

EA

EA

EA

### Price €

*Used for connecting Heavy Gauge Polyethylene Pipe to Female Threads.*

## Heavy Gauge Male End Connector

Poly x M.I. BSPT



### Code

HHGMEC1/2/20x1/2

HHGMEC1/2/20x3/4

HHGMEC3/4/25x3/4

HHGMEC3/4/25x1

HHGMEC1/32x3/4

HHGMEC1/32x1

HHGMEC1/32x1-1/4

HHGMEC1/32x1-1/2

HHGMEC1-1/4/40x1

HHGMEC1-1/4/40x1-1/4 1-1/4" / 40mm x 1-1/4"

HHGMEC1-1/4/40x1-1/2 1-1/4" / 40mm x 1-1/2"

HHGMEC1-1/4/40x2 1-1/4" / 40mm x 2"

HHGMEC1-1/2/50x1-1/2 1-1/2" / 50mm x 1-1/2"

HHGMEC1-1/2/50x2 1-1/2" / 50mm x 2"

### Size

1/2" / 20mm x 1/2"

1/2" / 20mm x 3/4"

3/4" / 25mm x 3/4"

3/4" / 25mm x 1"

1" / 32mm x 3/4"

1" / 32mm x 1"

1" / 32mm x 1-1/4"

1" / 32mm x 1-1/2"

1-1/4" / 40mm x 1"

1-1/4" / 40mm x 1-1/4"

1-1/4" / 40mm x 1-1/2"

1-1/4" / 40mm x 2"

1-1/2" / 50mm x 1-1/2"

1-1/2" / 50mm x 2"

### Pack Size

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

### Price €

*Used for connecting Heavy Gauge Polyethylene Pipe to Male Threads.*

**Heavy Gauge  
Female End  
Connector**  
Poly x F.I. BSPT



Code	Size	Pack Size	Price €
HHGFEC1/2/20x1/2	1/2" / 20mm x 1/2"	EA	
HHGFEC1/2/20x3/4	1/2" / 20mm x 3/4"	EA	
HHGFEC3/4/25x1/2	3/4" / 25mm x 1/2"	EA	
HHGFEC3/4/25x3/4	3/4" / 25mm x 3/4"	EA	
HHGFEC3/4/25x1	3/4" / 25mm x 1"	EA	
HHGFEC1/32x3/4	1" / 32mm x 3/4"	EA	
HHGFEC1/32x1	1" / 32mm x 1"	EA	
HHGFEC1/32x1-1/4	1" / 32mm x 1-1/4"	EA	
HHGFEC1-1/4/40x1-1/4	1-1/4" / 40mm x 1-1/4"	EA	
HHGFEC1-1/4/40x1-1/2	1-1/4" / 40mm x 1-1/2"	EA	
HHGFEC1-1/2/50x1-1/2	1-1/2" / 50mm x 1-1/2"	EA	
HHGFEC1-1/2/50x2	1-1/2" / 50mm x 2"	EA	

*Used for connecting Heavy Gauge Polyethylene Pipe.*

**Heavy Gauge  
Unequal Tee**  
Poly x Poly x Poly



Code	Size	Pack Size	Price €
HHGUT3/4/25x1/2/20	3/4" / 25mm x 3/4" / 25mm x 1/2" / 20mm	EA	
HHGUT1/32x3/4/25	1" / 32mm x 1" / 32mm x 3/4" / 25mm	EA	
HHGUT1-1/2/50x1/32	1-1/2" / 50mm x 1-1/2" / 50mm x 1" / 32mm	EA	
HHGUT1-1/2/50x1-1/4/40	1-1/2" / 50mm x 1-1/2" / 50mm x 1-1/4" / 40mm	EA	

*Used for connecting Heavy Gauge Polyethylene Pipe.*

**Heavy Gauge  
Equal Tee**  
Poly x Poly x Poly



Code	Size	Pack Size	Price €
HHGET1/2/20	1/2" / 20mm	EA	
HHGET3/4/25	3/4" / 25mm	EA	
HHGET1/32	1" / 32mm	EA	
HHGET1-1/4/40	1-1/4" / 40mm	EA	
HHGET1-1/2/50	1-1/2" / 50mm	EA	

*Used for connecting Heavy Gauge Polyethylene Pipe to Male Threads.*

**Heavy Gauge  
Female Tee**  
Poly x Poly x F.I.  
BSPT



Code	Size	Pack Size	Price €
HHGFT1/2/20x1/2	1/2" / 20mm x 1/2"	EA	
HHGFT1/2/20x3/4	1/2" / 20mm x 3/4"	EA	
HHGFT3/4/25x1/2	3/4" / 25mm x 1/2"	EA	
HHGFT3/4/25x3/4	3/4" / 25mm x 3/4"	EA	
HHGFT3/4/25x1	3/4" / 25mm x 1"	EA	
HHGFT1/32x1/2	1" / 32mm x 1/2"	EA	
HHGFT1/32x3/4	1" / 32mm x 3/4"	EA	
HHGFT1/32x1	1" / 32mm x 1"	EA	
HHGFT1/32x1-1/4	1" / 32mm x 1-1/4"	EA	
HHGFT1-1/4/40x1-1/4	1-1/4" / 40mm x 1-1/4"	EA	
HHGFT1-1/4/40x1-1/2	1-1/4" / 40mm x 1-1/2"	EA	
HHGFT1-1/2/50x1-1/2	1-1/2" / 50mm x 1-1/2"	EA	

**Heavy Gauge  
Male Tee**  
Poly x Poly  
x M.I. BPST



*Used for connecting Heavy Gauge Polyethylene Pipe to Female Threads.*

Code	Size	Pack Size	Price €
HHGMT3/4/25x1/2	3/4" / 25mm x 3/4" / 25mm x 1/2"	EA	
HHGMT3/4/25x3/4	3/4" / 25mm x 3/4" / 25mm x 3/4"	EA	

**Heavy Gauge  
Elbow**  
Poly x Poly



*Used to connect two Heavy Gauge Polyethylene Pipes at a 90° angle.*

Code	Size	Pack Size	Price €
HHGE1/2/20	1/2" / 20mm	EA	
HHGE3/4/25	3/4" / 25mm	EA	
HHGE1/32	1" / 32mm	EA	
HHGE1-1/4/40	1-1/4" / 40mm	EA	
HHGE1-1/2/50	1-1/2" / 50mm	EA	

*Used for connecting Heavy Gauge Polyethylene Pipe to Male Threads.*

**Heavy Gauge  
Female Elbow**  
Poly x F.I. BSPT



Code	Size	Pack Size	Price €
HHGFE1/2/20x1/2	1/2" / 20mm x 1/2"	EA	
HHGFE1/2/20x3/4	1/2" / 20mm x 3/4"	EA	
HHGFE3/4/25x1/2	3/4" / 25mm x 1/2"	EA	
HHGFE3/4/25x3/4	3/4" / 25mm x 3/4"	EA	
HHGFE3/4/25x1	3/4" / 25mm x 1"	EA	
HHGFE1/32x1	1" / 32mm x 1"	EA	
HHGFE1/32x1-1/4	1" / 32mm x 1-1/4"	EA	
HHGFE1-1/4/40x1-1/4	1-1/4" / 40mm x 1-1/4"	EA	
HHGFE1-1/4/40x1-1/2	1-1/4" / 40mm x 1-1/2"	EA	
HHGFE1-1/2/50x1-1/2	1-1/2" / 50mm x 1-1/2"	EA	
HHGFE1-1/2/50x2	1-1/2" / 50mm x 2"	EA	

**Heavy Gauge  
Male Elbow**  
Poly x M.I. BSPT



*Used for connecting Heavy Gauge Polyethylene Pipe to Female Threads.*

Code	Size	Pack Size	Price €
HHGME1/2/20x1/2	1/2" / 20mm x 1/2"	EA	
HHGME3/4/25x3/4	3/4" / 25mm x 3/4"	EA	
HHGME1/32x1	1" / 32mm x 1"	EA	

*Used to blank off pipe ends for future use.*

**Heavy  
Gauge End  
Cap**



Code	Size	Pack Size	Price €
HHGEC1/2/20	1/2" / 20mm	EA	
HHGEC3/4/25	3/4" / 25mm	EA	
HHGEC1/32	1" / 32mm	EA	
HHGEC1-1/4/40	1-1/4" / 40mm	EA	
HHGEC1-1/2/50	1-1/2" / 50mm	EA	

**Heavy Gauge  
Slip Joiner**  
Poly x Poly



*Used for repairing Heavy Gauge Polyethylene Pipe. Fitting can be slipped along the length of damaged pipe as centre section of fitting body has been removed.*

Code	Size	Pack Size	Price €
HHGSJ1/2/20	1/2" / 20mm	EA	
HHGSJ3/4/25	3/4" / 25mm	EA	
HHGSJ1/32	1" / 32mm	EA	
HHGSJ1-1/4/40	1-1/4" / 40mm	EA	
HHGSJ1-1/2/50	1-1/2" / 50mm	EA	

*Used for connecting taps to Heavy Gauge Polyethylene pipe using a compression style joint.*

## Heavy Gauge Wall Plate Elbow BSPT



Code	Size	Pack Size	Price €
HHGWPE1/2/20x1/2	1/2" / 20mm x 1/2"	EA	
HHGWPE3/4/25x1/2	3/4" / 25mm x 1/2"	EA	
HHGWPE3/4/25x3/4	3/4" / 25mm x 3/4"	EA	

## Heavy Gauge Connection Kit



*Used in connecting Heavy Gauge Polyethylene Pipe into a Compression Fitting.*

Code	Size	Pack Size	Price €
HHGCK1/2/20	1/2" / 20mm	EA	
HHGCK3/4/25	3/4" / 25mm	EA	
HHGCK1/32	1" / 32mm	EA	
HHGCK1-1/4/40	1-1/4" / 40mm	EA	
HHGCK1-1/2/50	1-1/2" / 50mm	EA	

## Heavy Gauge Reducing Kit



*Used for Reducing an existing body size to a smaller diameter pipe.*

Code	Size	Pack Size	Price €
HHGRK3/4/25x1/2/20	3/4" / 25mm x 1/2" / 20mm	EA	
HHGRK1/32x1/2/20	1" / 32mm x 1/2" / 20mm	EA	
HHGRK1/32x3/4/25	1" / 32mm x 3/4" / 25mm	EA	
HHGRK1-1/4/40x1/32	1-1/4" / 40mm x 1" / 32mm	EA	

## Hansen Nut Normal Gauge / Metric / Heavy Gauge



*Replacement Nut for the Easy Fit Normal Gauge / Metric / Heavy Gauge Range.*

Code	Size	Pack Size	Price €
HNUT1/2/20	1/2" / 20mm	EA	
HNUT3/4/25	3/4" / 25mm	EA	
HNUT1/32	1" / 32mm	EA	
HNUT1-1/4/40	1-1/4" / 40mm	EA	
HNUT1-1/2/50	1-1/2" / 50mm	EA	
HNUT2/63	2" / 63mm	EA	

## Installation Instructions

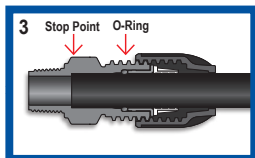
### Heavy Gauge Compression Fittings

#### EASY TO INSTALL

Reliable leak proof seals are the hallmark of any Hansen fitting and that's no exception when it comes to the *Easy Fit* Compression range, the simple steps make installation a breeze.



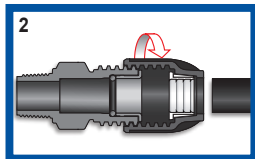
1. Cut the pipe with pipe cutters, knife or saw. Ensure a square cut of pipe ends. Clean burrs from pipe ends. Keep the pipe end clean and as free of scratches and imperfections as possible.



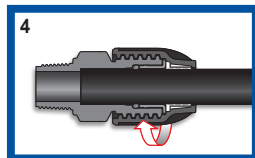
3. Insert the pipe into the fitting through the Nut and various internal components until it meets resistance at the O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.

The hydraulic seal is created when the pipe passes the O-Ring. Tightening the Nut is to achieve pull out resistance of the pipe.

*Note that the internal componentry shown is indicative only and may vary depending on the connection kit used (pipe size and grade). Please refer to connection kit technical information for specific internal detail.*



2. Undo the Nut to the last thread, do not remove Nut from the Body.



4. Firmly hand tighten the Nut. Use a pair of Poly Grips for a further half turn past hand tight for final tightening on 40mm fittings and greater.

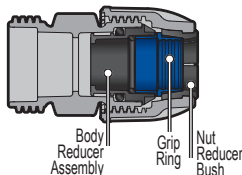




## Installation Instructions Heavy Gauge Reducing Kit



### Heavy Gauge Reducing Kit Installed



	3/4" x 1/2"	1" x 1/2"	1" x 3/4"	1-1/4" x 1"
Nut Reducer Bush	✓	✓	✓	✓
Grip Ring	✓	✓	✓	✓
Body Reducer Assembly	✓	✓	✓	✓
Number of Parts	3	3	3	3

#### 1. Disassemble

Remove the Nut from the fitting and put aside. Remove all other internal components from the fitting and discard.

#### 2. Install Reducer components

Insert the Body Reducer into the fitting body, small end first. Insert the Nut Reducer into the nut, small end first, and push until it clips into place.

#### 3. Grip Ring & Nut

Insert the tapered end of the Grip Ring into the Nut Reducer. Screw the Nut onto the fitting body one turn.

#### 4. Cut pipe

Ensure the end of the pipe is cut square and is chamfered if not using a Pipe Liner. Clean burrs from pipe ends and keep the pipe end clean and as free of scratches and imperfections as possible.






#### 5. Insert pipe

Insert the pipe into the fitting through the Nut, Grip Ring & Body Reducing Assembly until it meets resistance at the internal O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.

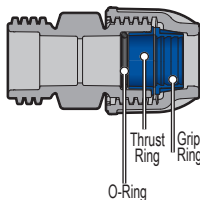
#### 6. Tighten the Nut

Firmly hand tighten the Nut. Use a pair of Poly grips for a further half turn past hand tight for final tightening of 40mm & 1-1/4" fittings and greater.

## Heavy Gauge Connection Kit parts per size guide

					
	1/2" Kit	3/4" Kit	1" Kit	1 1/4" Kit	1 1/2" Kit
Grip Ring	✓	✓	✓	✓	✓
Thrust Ring	✓	✓	✓	✓	✓
O-Ring	✓	✓	✓	✓	✓
Number of Parts	3	3	3	3	3

## Heavy Gauge All Sized Kits



## Connection Kit Installation Instructions



**1. Dissassemble** Remove the Nut from the fitting and put aside. Remove all other internal components from the fitting and discard.



**2. Install New Components** Insert the O-Ring and the Thrust Ring into the fitting body.



**3. Grip Ring & Nut** Insert the tapered end of the Grip Ring into the Nut. Screw the Nut onto the fitting body one turn.



**4. Cut pipe** Ensure the end of the pipe is cut square and is chamfered if not using a Pipe Liner. Clean burrs from pipe ends and keep the pipe end clean and as free of scratches and imperfections as possible.



**5. Insert pipe** into the fitting through the Nut, Grip Ring & Thrust Ring until it meets resistance at the O-Ring. Give the pipe a firm push past the O-Ring all the way until it hits the final stop point.



**6. Firmly hand tighten the Nut.** Use a pair of Poly Grips for a further half turn past hand tight for final tightening on 40mm & 1-1/4" fittings and greater.

# Reliable!

Hansen *Easy Fit*  
*Compression Fittings*  
are easy to install with  
proven technologies for  
a reliable leak proof seal.



**High Pressure Rated**  
to 16 bar (232 PSI)



**Proven O-ring Seal**  
for reliable leak free  
connections



**Easy Grip Nuts**  
for rapid wind on



**Large Range**

**HANSEN**

*Easy Fit Compression Fittings*



# Easy Fit Pipe Fittings

## Easy Fit Poly Fittings Features & Benefits

- Trusted by Kiwi Farmers for over 40 years
- Suitable for use above or below ground in varying operating pressures and temperatures
- Strong, lightweight and compact
- New Zealand Made
- Simple to use one piece fitting - no components to lose, rust or corrode
- Fast and easy to assemble – push the pipe onto the fitting and wind on the nut
- No O-Ring, no Crimping, no solvent cement
- Nut and barbs provide superior double strength grip – when fitted correctly the fitting will not leak or blow off the pipe
- Manufactured from UV Stabilised High Quality Glass Fibre Reinforced Nylon giving a weather, termite, fungi and bacterial resistance
- Material Approved for use with Potable (drinkable) Water
- Fittings demonstrate excellent hydraulic flow characteristics

Used for connecting Low Density Polythene Pipe (LDPE), Enduroflex and Irish Imperial Pipe. Can also be used to connect flexible pipe and hose.

The *Easy Fit* Poly Fittings are suitable for use above or below ground, in varying operating pressures and temperatures. They are strong, lightweight and compact and are available in a variety of thread combinations and connections. Fitting sizes 15mm to 50mm are pressure rated to 16bar.

Hansen Products knows the importance that pipe fittings play in the performance and control of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best Installed Value". All Hansen products carry our Limited Lifetime Warranty\*.

## Easy Fit Poly Fittings Standards and Approvals

**AS/NZS 4020:** Hansen *Easy Fit* Poly Fittings meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.

**Straight Coupling**  
Poly x Poly



Used for connecting Low Density Polythene Pipe (LDPE), Enduroflex and Irish Imperial Pipe. Can also be used to connect flexible pipe and hose.

Code	Metric	Imperial	Pack Size	Price €
HS15	15mm x 15mm	1/2" x 1/2"	EA	
HS20	20mm x 20mm	3/4" x 3/4"	EA	

**Male Straight Coupling**  
BSPT x Poly



Used for connecting Low Density Polythene Pipe (LDPE), Enduroflex and Irish Imperial Pipe. Can also be used to connect flexible pipe and hose.

Code	Metric	Imperial	Pack Size	Price €
HMS15	15mm x 15mm	1/2" x 1/2"	EA	
HMS20	20mm x 20mm	3/4" x 3/4"	EA	
HMS25	25mm x 25mm	1" x 1"	EA	
HMS32	32mm x 32mm	1 1/4" x 1 1/4"	EA	
HMS40	40mm x 40mm	1 1/2" x 1 1/2"	EA	
HMS45	50mm x 45mm	1" x 1 3/4"	EA	
HMS50	50mm x 50mm	2" x 2"	EA	

**Tee Connector**  
Poly x Poly x Poly



Used for connecting Low Density Polythene Pipe (LDPE), Enduroflex and Irish Imperial Pipe. Can also be used to connect flexible pipe and hose.

Code	Metric	Imperial	Pack Size	Price €
HT15	15mm x 15mm x 15mm	1/2" x 1/2" x 1/2"	EA	
HT20	20mm x 20mm x 20mm	3/4" x 3/4" x 3/4"	EA	

**Bend**  
Poly x Poly



Used for connecting Low Density Polythene Pipe (LDPE), Enduroflex and Irish Imperial Pipe. Can also be used to connect flexible pipe and hose.

Code	Metric	Imperial	Pack Size	Price €
HB15	15mm x 15mm	1/2" x 1/2"	EA	
HB20	20mm x 20mm	3/4" x 3/4"	EA	

## *Easy Fit* Poly Fittings Quick & Easy Installation

- All pipe work must be adequately supported.
- Use either a thread sealing paste or tape on all threaded connections, we recommend Loctite 5331



- 1 Cut the pipe with pipe cutters, a knife or saw. Ensure a square cut of pipe ends. Clean burs off pipe. When making a repair in a burst pipe make sure the length of the cut away matches the length of the replacement fitting between the screwed on nuts.



- 2 Ensure the nut is fully wound back onto the body of the fitting. Push the pipe onto the fitting and as far as possible into the nut.



- 3 Wind the nut onto the pipe a few turns. Tighten with spanner or pipe grips.

## Easy Fit Poly Fittings Specifications

STANDARD NZS 7601:1978 (New Zealand) Polyethylene Pipe (Type 3) For Cold Water Service

Nominal Bore	Inside Diameter		Outside Diameter		Wall Thickness		Working Pressure	
	Min	Max	Min	Max	Min	Max		
mm	mm	mm	mm	mm	mm	mm	MPa	psi
15	11.7	12.7	16.9	17.3	2.3	2.6	0.90	130.50
20	17.9	19.2	24.9	25.4	3.1	3.5	0.80	116.00
25	24.2	25.6	31.2	31.8	3.1	3.5	0.65	94.25
32	30.5	31.9	37.5	38.1	3.1	3.5	0.50	72.50
40	36.8	38.3	43.8	44.5	3.1	3.5	0.45	65.25
50	49.5	51.0	56.5	57.2	3.1	3.5	0.35	50.75

## Easy Fit Poly Fittings Maximum Working Pressure

The pressure rating for the *Easy Fit* Poly Fittings is 16 Bar @ 20 degrees C



## *True Fit* *Threaded Fittings*

### *True Fit* Threaded Fittings Features and Benefits

- Precision Heavy Duty Tapered Threads give a Strong Reliable Seal
- Manufactured from a raw material approved for use with potable (drinkable) water
- Manufactured from High Quality Glass Fibre Reinforced Nylon giving a weather, termite, fungi & bacteria resistance
- Common Applications Include Horticultural, Agricultural, Irrigation, Marine & Plumbing
- Material strong enough to minimise potential cross threading
- WRAS - Approval for use with potable (drinkable) water as they will not leach contaminants into the water.
- Suitable for use above or below ground in varying operating pressures and temperatures
- Strong, Lightweight and Compact
- Available in a variety of thread combinations and connections.
- New Zealand Made

### *True Fit* Threaded Fittings Approvals

**WRAS:** Hansen *True Fit* Threaded Fittings carry the WRAS approval by the Water Research Council in the UK which is the highest recognised water testing organisation in the world. A WRAS approved fitting must not cause waste, misuse, undue consumption or contamination of the water supply and must be of an appropriate quality and standard.

**AS/NZS 4020:** Hansen *True Fit* Threaded Fittings meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.



*Used to connect Female Threads.*

**Hex Nipple**  
BSPT x BSPT



<b>Code</b>	<b>Size</b>	<b>Pack Size</b>	<b>Price €</b>
SHN06	6mm	EA	
SHN08	8mm	EA	
SHN10	10mm	EA	
SHN15	15mm	EA	
SHN20	20mm	EA	
SHN25	25mm	EA	
SHN32	32mm	EA	
SHN40	40mm	EA	
SHN50	50mm	EA	

*Used as a reducing join, to join two Female Threads.*

**Reducing Hex Nipple**  
BSPT x BSPT



<b>Code</b>	<b>Size</b>	<b>Pack Size</b>	<b>Price €</b>
SRHN0806	8mm x 6mm	EA	
SRHN1006	10mm x 6mm	EA	
SRHN1008	10mm x 8mm	EA	
SRHN1506	15mm x 6mm	EA	
SRHN1508	15mm x 8mm	EA	
SRHN1510	15mm x 10mm	EA	
SRHN2010	20mm x 10mm	EA	
SRHN2015	20mm x 15mm	EA	
SRHN2515	25mm x 15mm	EA	
SRHN2520	25mm x 20mm	EA	
SRHN3220	32mm x 20mm	EA	
SRHN3225	32mm x 25mm	EA	
SRHN4020	40mm x 20mm	EA	
SRHN4025	40mm x 25mm	EA	
SRHN4032	40mm x 32mm	EA	
SRHN5020	50mm x 20mm	EA	
SRHN5025	50mm x 25mm	EA	
SRHN5032	50mm x 32mm	EA	
SRHN5040	50mm x 40mm	EA	

continued from previous Page

## Reducing Hex Nipple BSPT x BSPT



### Code

SRHN6532  
SRHN6540  
SRHN6550  
SRHN8040  
SRHN8050  
SRHN8065  
SRHN10050  
SRHN10065  
SRHN10080

### Size

65mm x 32mm  
65mm x 40mm  
65mm x 50mm  
80mm x 40mm  
80mm x 50mm  
80mm x 65mm  
100mm x 50mm  
100mm x 65mm  
100mm x 80mm

### Pack Size

EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA

### Price €

*Used to connect two Male Threads.*

## Hex Socket BSPT x BSPT



### Code

SS15  
SS20  
SS25  
SS32  
SS40  
SS50  
SS65  
SS80  
SS100

### Size

15mm  
20mm  
25mm  
32mm  
40mm  
50mm  
65mm  
80mm  
100mm

### Pack Size

EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA

### Price €

*Used as a reducing join, to join two Male Threads.*

## Reducing Hex Socket BSPT x BSPT



### Code

SRS2015  
SRS2515  
SRS2520  
SRS3220  
SRS3225  
SRS4020  
SRS4025  
SRS4032  
SRS5020  
SRS5025  
SRS5032  
SRS5040

### Size

20mm x 15mm  
25mm x 15mm  
25mm x 20mm  
32mm x 20mm  
32mm x 25mm  
40mm x 20mm  
40mm x 25mm  
40mm x 32mm  
50mm x 20mm  
50mm x 25mm  
50mm x 32mm  
50mm x 40mm

### Pack Size

EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA  
EA

### Price €

*Used to reduce the size of Female Threads.*

**Reducing  
Bush**  
BSPT X BSPT



Code	Size	Pack Size	Price €
SRB1506	15mm x 6mm	EA	
SRB1508	15mm x 8mm	EA	
SRB1510	15mm x 10mm	EA	
SRB2008	20mm x 8mm	EA	
SRB2010	20mm x 10mm	EA	
SRB2015	20mm x 15mm	EA	
SRB2508	25mm x 8mm	EA	
SRB2510	25mm x 10mm	EA	
SRB2515	25mm x 15mm	EA	
SRB2520	25mm x 20mm	EA	
SRB3215	32mm x 15mm	EA	
SRB3220	32mm x 20mm	EA	
SRB3225	32mm x 25mm	EA	
SRB4015	40mm x 15mm	EA	
SRB4020	40mm x 20mm	EA	
SRB4025	40mm x 25mm	EA	
SRB4032	40mm x 32mm	EA	
SRB5015	50mm x 15mm	EA	
SRB5020	50mm x 20mm	EA	
SRB5025	50mm x 25mm	EA	
SRB5032	50mm x 32mm	EA	
SRB5040	50mm x 40mm	EA	
SRB6532	65mm x 32mm	EA	
SRB6540	65mm x 40mm	EA	
SRB6550	65mm x 50mm	EA	
SRB8040	80mm x 40mm	EA	
SRB8050	80mm x 50mm	EA	
SRB8065	80mm x 65mm	EA	
SRB10080	100mm x 80mm	EA	

*Used to connect three Male Threads.*

**Female  
Threaded Tee**  
BSPT x BSPT x  
BSPT



Code	Size	Pack Size	Price €
ST15	15mm	EA	
ST20	20mm	EA	
ST25	25mm	EA	
ST32	32mm	EA	
ST40	40mm	EA	
ST50	50mm	EA	
ST65	65mm	EA	
ST80	80mm	EA	
ST100	100mm	EA	

*Used to connect two Male Threads at a 90° angle.*

**Female  
Threaded Elbow**  
BSPT x BSPT



Code	Size	Pack Size	Price €
SE15	15mm	EA	
SE20	20mm	EA	
SE25	25mm	EA	
SE32	32mm	EA	
SE40	40mm	EA	
SE50	50mm	EA	

*Used to connect two Male Threads at a 90° angle.*

**Male/Female  
Threaded Elbow**  
BSPT x BSPT



Code	Size	Pack Size	Price €
SMFE15	15mm	EA	
SMFE20	20mm	EA	
SMFE25	25mm	EA	
SMFE32	32mm	EA	
SMFE40	40mm	EA	
SMFE50	50mm	EA	

*Used for capping off Male Threads.*

**Hex Screw  
Cap  
BSPT**



**Code**

SC15  
SC20  
SC25  
SC32  
SC40  
SC50

**Size**

15mm  
20mm  
25mm  
32mm  
40mm  
50mm

**Pack  
Size**

EA  
EA  
EA  
EA  
EA  
EA

**Price €**

*Used for plugging off Female Threads.*

**Hex Screw  
Plug**



**Code**

SP06  
SP08  
SP10  
SP15  
SP20  
SP25

**Size**

6mm  
8mm  
10mm  
15mm  
20mm  
25mm

**Pack  
Size**

EA  
EA  
EA  
EA  
EA  
EA

**Price €**

*Used as a Male/Female reducing joiner for sprinkler risers, garden hose taps and water filters.*

**Male/Female  
Adapter  
BSPT x BSPT**



**Code**

SMFA1520

**Size**

15mm x 20mm

**Pack  
Size**

EA

**Price €**

## Installation Instructions

### *True Fit* Threaded Fittings Quick & Easy Installation

- All pipe work must be adequately supported.
- Use a thread sealant on all threaded connections. We recommend Loctite 5331.
- If you are using chemicals or have any special requirements that you wish to use your Threaded Pipe Fitting in, go to the Threaded Chemical resistance page on [www.hansenproducts.com](http://www.hansenproducts.com).
- Please refer to the dimensions pages on [www.hansenproducts.com](http://www.hansenproducts.com) for minimum recommended hole sizes.



**1 (a)** Use a thread paste sealant or



**2** Screw pipe into fitting.



**(b)** a teflon tape sealant. The right sealant for threaded joints is non-hardening, compatible with plastic and doesn't add slipperiness to encourage over-torquing.



Do not over tighten. The recommended way to assemble a Threaded Pipe Fitting is hand tight. Tighten until firm with spanner or pipe grip. One to two turns should be all that is required.



**Hansen Male/Female Threaded Elbow in use**



**Hansen Hex Nipple in use**

# True Fit Tank Fittings

## *True Fit* Tank Fittings Features and Benefits

- Designed for use in tanks, troughs and a wide variety of marine applications.
- Manufactured from UV Stabilised High Quality Glass Fibre Reinforced Nylon giving a weather, termite, fungi and bacterial resistance
- Material approved for use with Potable (drinkable) Water making them ideally suited to a broad range of rural & domestic applications.
- An extensive range of fittings in sizes 15mm to 100mm (1/2" to 4")
- Precision heavy duty tapered threads give a strong reliable seal
- Material is strong enough to minimise potential cross threading
- Fittings provide flexibility and versatility for new and existing installations, saving on time and money
- All materials are fully resistant to salt water making them ideally suited to marine applications.

## *True Fit* Tank Fittings Approvals

**WRAS:** Hansen *True Fit* Tank Fittings carry the WRAS approval by the Water Research Council in the UK which is the highest recognised water testing organisation in the world. A WRAS approved fitting must not cause waste, misuse, undue consumption or contamination of the water supply and must be of an appropriate quality and standard.

**AS/NZS 4020:** Hansen *True Fit* Tank Fittings meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.



*Used for connecting valves and pipes to tanks and troughs.  
Comes with 1 x LDPE Washer & 1 x Rubber Washer.*

**Female Tank  
Fitting Black**  
BSPT or NPT



Code	Size	Pack Size	Price €
SFTFT15	15mm	EA	
SFTFT20	20mm	EA	
SFTFT25	25mm	EA	
SFTFT32	32mm	EA	
SFTFT40	40mm	EA	
SFTFT50	50mm	EA	
SFTFT80	80mm	EA	
SFTFT100	100mm	EA	

**Short Female  
Tank Fitting  
Black**  
BSPT or NPT



Code	Size	Pack Size	Price €
SFTF15S	15mm	EA	
SFTF20S	20mm	EA	
SFTF25S	25mm	EA	
SFTF32S	32mm	EA	
SFTF40S	40mm	EA	
SFTF50S	50mm	EA	

*NPT Products are a non stock items, available on request*

**Male Tank  
Fitting Black**  
Hose End



*Used for connecting Polyethylene Pipe, Flexible Pipe & Hose. Push on hose and use a hose clip to hold hose on. Used in tanks and in hulls on boats.*

Code	Size	Pack Size	Price €
STF15B	15mm	EA	
STF20B	20mm	EA	
STF25B	25mm	EA	
STF32B	32mm	EA	
STF40B	40mm	EA	
STF50B	50mm	EA	

## True Fit Tank Fittings Quick & Easy Installation

- Prior to installation, refer to tank manufacturers recommendations before drilling outlet in tank wall.
- All pipe work must be adequately supported.
- Use a thread sealant on all threaded connections. We recommend Loctite 5331.
- If you are using chemicals or have any special requirements that you wish to use your Tank Fittings in, go to the Tank Fitting chemical resistance page on our website or don't hesitate to contact us.
- Please refer to [www.hansenproducts.com](http://www.hansenproducts.com) for minimum recommended hole sizes.
- Check the sealing surface to ensure it is free from debris and/or scratches which could cause leakage.
- To obtain proper washer compression for fitting installation ensure the face of the washer fully contacts the tank wall.
- Tighten the nut to ensure a water tight seal.
- HANSEN™ *True Fit* Tank Fitting can be used in conjunction with metal fittings.

## True Fit Tank Fittings Installation Steps



1. Remove the Back Nut and the Low Density Poly Washer (the firmer of the 2 washers) from the Tank Fitting Body. Slide the Tank Fitting Body through the hole in the tank. The Rubber Washer must be between the Fitting Body Flange and the tank wall (ensure the ribs on the Rubber Washer are sealing against the tank wall).



2. On the inside of the tank wall, slide the Low Density Poly Washer back onto the Tank Fitting Body and then wind on the Back Nut.



3. Tighten the Back Nut so that the face of both washers make full contact with the tank wall to obtain a water tight seal. Ensure that you comply with the tank manufacturers specifications.



4. When adding additional fittings it is recommended that either a thread sealing paste or thread sealing tape be used on all threaded connections. We recommend LOCTITE 5331.



*The Hansen Female Tank Fitting (SFTFT) in use*



Code	Size	Pack Size	Price €
LEVELALERT	Tank Level Alert Indicator	EA	

### Supplied with:

- Assembled UniTri Mount
- 2 x 669mm Male/Female & 1 x 669mm Male/Male Stainless Steel Tube (2 metres total)
- 115mm Threaded HiViz Float & 230mm Long Threaded Blue Float
- 3 x UniTri Mount Screws & 2 x Security Lock Screws
- 3 x Plastic Plugs & 7mm Masonry Drill Bit for Concrete Tanks
- 3 x Plastic Wing Nuts and 4mm Drill Bit for Plastic Tanks

### Monitor Water Levels

- ✓ Prevent Pump Burnout caused by Dry Tank Syndrome
- ✓ See at a glance your tank water level
- ✓ Suitable for any type or size tank
- ✓ Essential part of your water management
- Fully adjustable UniTri mounting base
- UniTri mount will adapt to a range of tank roof angles (max 35° angle)
- Suitable for plastic, concrete and steel tanks
- Manufactured from UV resistant durable, glass fibre reinforced nylon with stainless steel tubes (16mm diameter) and stainless steel fastenings
- Complete with all mounting fastenings for all applications
- Optional stainless steel extension tubes available (669mm)

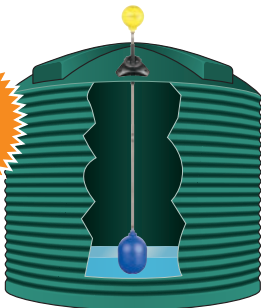


UniTri  
Mounting  
Base





**50%  
STRONGER**

16mm tube offers  
50% more strength  
than 12mm stainless  
steel tubes

Level Alert  
Indicator  
installed in  
Tank



## Components of the *Level Alert*

Code	Size	Pack Size	Price €
HLASSTUBE	669mm Stainless Steel Tube (1 x 16mm diameter Male & Male)	EA	
			
	HDUALFLOATA Dual Float Adapter	EA	
			
HFLOAT230L	155mm x 230mm Long Threaded Float Blue (for Level Alert)	EA	
			
HFLOAT115HI	115mm SF Threaded Float HiViz	EA	



# Hiflo Valves



## Check Valves

## Foot Valves

### Features and Benefits

- High Performance, Cost Effective Check Valve with a Strong Compact Design that delivers high volumes of water quickly with unrestricted full flow
- Unique design gives you exceptional flow rates thus can move more water in less time and save on pumping costs
- Screw Cap allows for easy access for in-line servicing
- No Poppet Valve to wear or jam
- Diaphragm and spring are interchangeable with the same size Hansen Foot Valve
- Fast response when opening and closing
- Smooth operating valve for high efficiency with the valve opening at only 1psi
- All connecting threads are BSPT
- New Zealand Made
- Manufactured from strong, non-corrosive UV stabilised materials for a long life
- Materials are approved for use with Potable (drinkable) Water

### Features and Benefits

- High Performance, Cost Effective Foot Valve, Delivers high volumes of water quickly with unrestricted full flow
- Efficiency in excess of 95% compared to many other types of valves
- Operates via Pressure Differential and at any angle or position
- No Poppet Valve to wear or jam
- Easy access screw cap for servicing, Diaphragm and Spring are interchangeable with the same size Check Valve
- Blockages reduced due to low fluid velocity through slots
- All connecting threads are BSPT
- Smooth operating valve for high efficiency
- Unique design which incorporates a self cleaning diaphragm
- Manufactured from strong, non-corrosive UV stabilised materials
- Materials approved for use with Potable (drinkable) Water

### Approvals

**AS/NZS 4020:** Hansen Check and Foot Valves meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard.

The equivalent standard to AS/NZS4020 is BS 6920.

*See our website for further details.*



**Check Valve**  
BSPT

Hansen Check Valves are used in-line as a non-return valve to stop fluids from flowing back through your system. The unique design gives you exceptional flow rates, which means you can move more water in less time saving on pumping costs. The Screw Cap allows for easy access for in-line servicing, there is no Poppet Valve to wear or jam and the Diaphragm and Spring are interchangeable and replaceable with the same size Foot Valve.

Code	Size	Pack Size	Price €
CV25	25mm	EA	
CV32	32mm	EA	
CV40	40mm	EA	
CV50	50mm	EA	
CV63	63mm	EA	

**Foot Valve**  
BSPT

Hansen Foot Valves are used on the end of a suction line to stop fluids in the line emptying when the pump is turned off, thus eliminating the need to prime your pump at start up. The unique design gives you more flow in less time which saves on pumping costs, it has unrestricted Full Flow and has an efficiency in excess of 95% of many other types of Foot Valves. The unique product design incorporates a built in Strainer and operates at any angle or position. There is no Poppet Valve to wear or jam, it is easily serviced and the Diaphragm and Spring are interchangeable and replaceable with the same size Check Valve. Blockages are also reduced due to Low Fluid Velocity through the Slots.

Code	Size	Pack Size	Price €
FV25	25mm	EA	
FV32	32mm	EA	
FV40	40mm	EA	
FV50	50mm	EA	
FV63	63mm	EA	

*Filter Sock for the Foot Valve to help filter and stop particles entering the Valve.*

**Foot Valve**  
Sock

Code	Size	Pack Size	Price €
FVFS	Foot Valve Filter Sock - FV25-40	EA	
FVFSL	Foot Valve Filter Sock - FV50-63	EA	

**Diaphragm and Spring**

HVD25	25mm FV & CV Diaphragm & Spring	EA
HVD32	32mm FV & CV Diaphragm & Spring	EA
HVD40	40mm FV & CV Diaphragm & Spring	EA
HVD50	50mm FV & CV Diaphragm & Spring	EA
HVD63	63mm FV & CV Diaphragm & Spring	EA

# Full Flow Ball Valves

## Ball Valve Features and Benefits

- Versatile Full Flow Ball Valve, lightweight and strong
- Frost Friendly - an undocumented feature of being able to stand up in cold climates well beyond any competitor valve we have ever seen
- Won't rust or corrode in general or salt water applications
- Individually Hand Tested using Air before it leaves the Hansen Factory
- Manufactured from non corrosive, UV Stabilised materials
- Potable water approved (AS/NZS 4020 drinking water test standard)
- New Zealand made
- Available in BSPT and Compression thread configurations
- Removable handles for security and varying applications
- Positive "click" smooth open/close action
- High Pressure Rating: 16 Bar/235 PSI @ 20°C
- International colour coded handles; blue for general applications, lilac for grey water applications
- Limited Lifetime Warranty
- Will function across a wide range of operating pressures and temperatures



## FULL FLOW BORE

Unrestricted Full Flow Ball Valve gets the job done faster. Less system strain, lower maintenance costs. High Pressure 16 Bar Rated.

## Ball Valve Approvals

**IMCI:** Hansen Ball Valves have been approved by the International Marine Certification Institute to ISO standard 9093-2 and meets the requirements of the Recreational Craft Directive 94/25/EC meaning that it is safe to use in salt water environments.

**AS/NZS 4020:** Hansen Full Flow Ball Valves meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.

*See our website for further details.*



**HANSEN** Full Flow  
Ball Valves are  
rigorously hand  
tested.



**Frost Friendly**

Hansen Ball Valves are Frost  
Friendly and have been tested in  
frost conditions. Results may vary  
in freezing conditions.

Full Flow Ball Valves can be used anywhere the flow of fluid needs to be stopped or started. The entire Ball Valve range is available in BSPT and Compression threads.

### Blue Handle Ball Valve for General Applications

BSPT



Code	Size	Pack Size	Price €
HBV15	15mm	EA	
HBV20	20mm	EA	
HBV25	25mm	EA	
HBV32	32mm	EA	
HBV40	40mm	EA	
HBV50	50mm	EA	

### Blue Handle Male/Female Threaded Ball Valve

BSPT



Code	Size	Pack Size	Price €
HBV25MF	25mm Male/Female	EA	
HBV32MF	32mm Male/Female	EA	
HBV40MF	40mm Male/Female	EA	
HBV50MF	50mm Male/Female	EA	

### Normal Gauge Ball Valve

Poly x Poly



Code	Size	Pack Size	Price €
HBV1/2NGPxP	Hansen Ball Valve with 1/2" Normal Gauge Compression Ends	EA	
HBV3/4NGPxP	Hansen Ball Valve with 3/4" Normal Gauge Compression Ends	EA	
HBV1NGPxP	Hansen Ball Valve with 1" Normal Gauge Compression Ends	EA	

\* 1/2", 3/4", 1" Valves all feature a 20mm Nominal Bore

### Metric Ball Valve

Poly x Poly



Code	Size	Pack Size	Price €
HBV20MPxP	Hansen Ball Valve with 20mm - 1/2" Metric Compression Ends	EA	
HBV25MPxP	Hansen Ball Valve with 25mm - 3/4" Metric Compression Ends	EA	
HBV32MPxP	Hansen Ball Valve with 32mm - 1" Metric Compression Ends	EA	

\* 20mm, 25mm, 32mm Valves all feature a 20mm Nominal Bore

## Heavy Gauge Ball Valve Poly x Poly



### Code

HBV1/2IMPXP

HBV3/4IMPXP

HBV1IMPXP

### Size

Hansen Ball Valve with 1/2" - 20mm EA  
Heavy Gauge Compression Ends

Hansen Ball Valve with 3/4" - 25mm EA  
Heavy Gauge Compression Ends

Hansen Ball Valve with 1" - 32mm EA  
Heavy Gauge Compression Ends

\* 1/2", 3/4", 1" Valves all feature a 20mm Nominal Bore

### Pack Size

### Price €

## Full Flow Ball Valves Installation Steps

- All pipe work must be adequately supported.
- Use a thread sealant on all threaded connections. We recommend Loctite 5331.
- If you are using chemicals or have any special requirements that you wish to use your Ball Valves for, please don't hesitate to contact us or refer to Chemical Resistance chart on [www.hansenproducts.com](http://www.hansenproducts.com)



**1.(a)** Use a teflon tape sealant or



**1.(b)** thread paste sealant. The right sealant for threaded joints is non-hardening, compatible with plastic and doesn't add slipperiness to encourage over-torquing.



**2.** Screw pipe or fitting into Ball Valve.



**3.** Do not over tighten. The recommended way to assemble a Ball Valve is finger tight. Tighten until firm with spanner or pipe grip. One to two turns should be all that is required.

## Full Flow Ball Valve handle removal steps

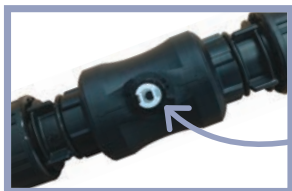


1. Turn handle clockwise slightly.

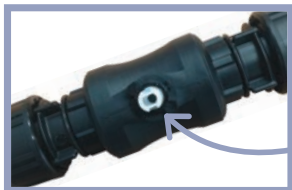


2. Put fingers under handle and pull whilst pushing with thumbs on body of valve.

## Determining if your Valve is open or closed when the handle is removed



Valve is identified as OPEN when centre notch is not parallel with the valve body.



Valve is identified as CLOSED when centre notch is parallel with the valve body.



## mini Fast-Flo Valve

### Mini Fast-Flo Features and Benefits

- Mini compact design suited to confined spaces for automatic filling & maintaining water levels in small feeder bowls, troughs & header tanks
- Cost effective trough/tank valve - 29 PSI - 9 l/min
- Ability to attach a diffuser hose to reduce water turbulence & noise in top entry installations & Anti-Syphon Holes to prevent back flow.
- The adjustable "Ezi Clamp" arm makes water level adjustment a breeze
- Will fit multiple thread & connection combinations 15 - 50mm (1/2" - 2")
- Reliable with high and low pressure applications from 0 to 12 bar / 0 to 174 PSI
- Durable urethane seat, which is reversible
- Manufactured from strong non corrosive UV stabilised materials

Code	Description	Pack Size	Price €
------	-------------	-----------	---------



**HMFFSV15LS**  
**Mini Fastflo Short Arm with 15mm Long Tail Adapter**

EA

Supplied with: Complete Plastic Valve Body, Arm, Float & 15mm Long Tail Adapter



**HMFFSV20LS**  
**Mini Fastflo Short Arm with 20mm Long Tail Adapter**

EA

Supplied with: Complete Plastic Valve Body, Arm & Float & 20mm Long Tail Adapter

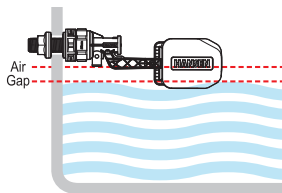


**HMFFSV25LS**  
**Mini Fastflo Short Arm with 25mm Long Tail Adapter**









EA

Supplied with: Complete Plastic Valve Body, Arm, Float & 25mm Long Tail Adapter

NOTE: If there is an existing or moulded threaded inlet in the trough or tank use a Hansen Standard Adapter.



## Components of the *Mini Fast-Flo* Valve

	<b>Code</b>	<b>Size</b>	<b>Pack Size</b>	<b>Price €</b>
	HMFFBODY	Mini Fastflo 25mm Female BSPT Body	EA	
	HFFPLUNGER	Sleeve Valve Plunger	EA	
	HMFFCAP	Mini Fastflo Body Cap	EA	
	HFFSEAL	Sleeve Valve Plunger Seal	EA	
	HMFFARM	Mini Fastflo Arm	EA	
	HMFFCLAMP	Mini Fastflo Clamp	EA	
	HMFFFLOAT	Mini Fastflo Float	EA	
	HMFFSCREW	20mm Stainless Steel Screw	EA	

## Fast~Flo Features and Benefits

- For automatic filling & maintaining water levels in animal drinking troughs, water storage tanks & water cisterns etc
- Small compact design suited to confined spaces ie small feeder bowls, troughs & header tanks
- High performance, cost effective trough/tank valve - 29 psi, 34 l/min
- The Fast~Flo Short Arm Valve has the highest flow of any valve of its size at 500 kPa (73 psi) it will deliver 56 l/min
- Ability to attach a diffuser hose to reduce water turbulence & noise in top entry installations & Anti-Syphon Holes to prevent back flow.
- Designed with an Ezi Bend brass arm to make water level adjustment a breeze
- Will fit multiple thread & connection combinations 15 - 50mm (1/2" - 2")
- Reliable with high and low pressure applications from 0 to 12 bar / 0 to 174 PSI
- Durable urethane seat, which is reversible
- Suitable for top or side entry
- Manufactured from strong non corrosive UV stabilised materials



Code	Description	Pack Size	Price €
<b>HFFSV15LS</b>	<b>Fastflo Short Brass Arm with 15mm Long Tail Adaptor</b> Supplied with: complete plastic valve body, short brass arm & 15mm long tail adaptor	EA	







<b>HFFSV20LS</b>	<b>Fastflo Short Brass Arm with 20mm Long Tail Adaptor</b> Supplied with: complete plastic valve body, short brass arm & 20mm long tail adaptor	EA	
------------------	---	----	--

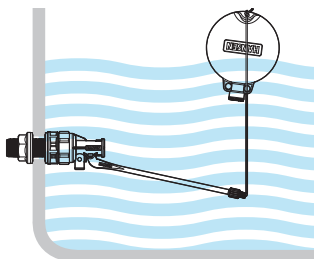


<b>HFFSV25LS</b>	<b>Fastflo Short Brass Arm with 25mm Long Tail Adaptor</b> Supplied with: complete plastic valve body, short brass arm & 25mm long tail adaptor	EA	
------------------	---	----	--

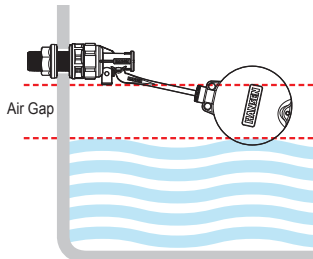


	Code	Description	Pack Size	Price €
	<b>HFFSV15L</b>	<b>Fastflo Long Brass Arm with 15mm Long Tail Adaptor</b> Supplied with: complete plastic valve body, long brass arm, 15mm long tail adaptor and 650mm cord and nuts	EA	
	<b>HFFSV20L</b>	<b>Fastflo Long Brass Arm with 20mm Long Tail Adaptor</b> Supplied with: complete plastic valve body, long brass arm, 20mm long tail adaptor and 650mm cord and nuts	EA	
	<b>HFFSV25L</b>	<b>Fastflo Long Brass Arm with 25mm Long Tail Adaptor</b> Supplied with: complete plastic valve body, long brass arm, 25mm long tail adaptor and 650mm cord and nuts	EA	
	<b>HFFSV2520S</b>	<b>Fastflo Long Brass Arm with 20mm &amp; 25mm Standard Adaptors</b> Supplied with: complete plastic valve body, long brass arm, 20mm & 25mm standard adaptors and 650mm cord and nuts	EA	

### *Fast-Flo* Side Entry



### *Fast-Flo* Top Entry



#### **TO CHANGE WATER LEVEL**

**Adjust length of cord at top of float. Use the nut and cord on Long Arm Valve only**

## Components of the *Fast-Fló* Valve

	Code	Size	Pack Size	Price €
	HFFBODY	25mm Female BSPT Valve Body	EA	
	HFFPLUNGER	Sleeve Valve Plunger	EA	
	HFFCAP	Valve Body Cap	EA	
	HFFSEAL	Sleeve Valve Plunger Seal	EA	
	HFFARM	Long Brass Arm 231mm long	EA	
	HFFARMS	Short Brass Arm 129mm long	EA	
	HSFPIN20	20mm Stainless Steel Split Pin	10	
	HCORD	650mm Cord and Nuts	EA	
	HFLOAT115B	115mm SF Threaded Float Blue	EA	
	HFLOAT115HI	115mm SF Threaded Float HiViz	EA	
	HFLOAT115P	115mm SF Threaded Float Pink	EA	
	HFLOAT140B	140mm SF Threaded Blue Float	EA	
	HFLOAT140HI	140mm SF Threaded Float HiViz	EA	
	HFLOAT140P	140mm SF Threaded Float Pink	EA	






*Hansen Fast~Flo Trough Valve in use.*

# Super-Flo

## Super-Flo Features and Benefits

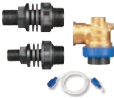


- High Performance and Cost Effective Trough Valve (29 psi, 188 l/min)
  - Designed with a 25mm (1") female thread on the valve outlet
  - Supplied with 15, 20 & 25mm (1/2", 3/4" & 1") adapters to fit a range of inlets
  - Ability to attach to any number of poly pipe fittings ie portable troughs, irrigation systems, animal/feeder/ vehicle washdowns, spray tanks
  - Each valve will fit multiple thread and connection combinations
  - Strong Compact Design
  - Delivers high volumes of water quickly with unrestricted full flow
  - "Slipper Fit Piston" design to reduce valve sticking
  - Low operating pressure required reducing pumping costs and increasing flow
  - Mini body design to enable easy installation
  - Manufactured from strong, non corrosive UV Stabilised materials
  - Available in Female and Male BSPT, NPT, ACME thread configurations
  - Suitable for High/Low Pressure operations (0 to 12 bar / 0 to 174 PSI)
  - Variable open and close action preventing valve bounce and water hammer
  - **Super-Flo** Piston Valve is supplied with: Plastic or Brass Valve Body, Threaded Adapters, Brass Arm and Cord and Nuts\*
- \*Cord and nuts only supplied with long arm
- NB Adapter configurations vary per pack

	Code	Description	Pack Size	Price €
	<b>HSFPV2015LS</b>	<b>Superflo Short Brass Arm with 15 &amp; 20mm Long Tail Adaptors</b> Supplied with: complete plastic valve body, short brass arm, 15mm and 20mm long tail adaptors	EA	
	<b>HSFPV2520LS</b>	<b>Superflo Short Brass Arm with 20 &amp; 25mm Long Tail Adaptors</b> Supplied with: complete plastic valve body, short brass arm, 20mm and 25mm long tail adaptors	EA	
	<b>HSFPV2520S</b>	<b>Superflo Short Arm with 15, 20 &amp; 25mm Standard Adaptors</b> Supplied with: complete plastic valve body, short brass arm, 15mm, 20mm and 25mm standard adaptors	EA	

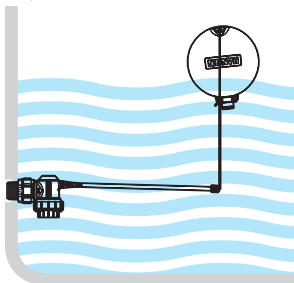
	Code	Description	Pack Size	Price €
	<b>HSFPV2015L</b>	<b>Superflo Long Brass Arm with 15 &amp; 20mm Long Tail Adaptors</b>	EA	
	Supplied with: complete plastic valve body, long brass arm, 15mm and 20mm long tail adaptors, 650mm cord and nuts			
	<b>HSFPV2520L</b>	<b>Superflo Long Brass Arm with 20 &amp; 25mm Long Tail Adaptors</b>	EA	
	Supplied with: complete plastic valve body, long brass arm, 20mm and 25mm long tail adaptors, 650mm cord and nuts			
	<b>HSFPV2520</b>	<b>Superflo Long Brass Arm with 15, 20 &amp; 25mm Standard Adaptors</b>	EA	
	Supplied with: complete plastic valve body, long brass arm, 15mm, 20mm and 25mm standard adaptors, 650mm cord and nuts			

## *Super-Flo* Brass Trough Valve

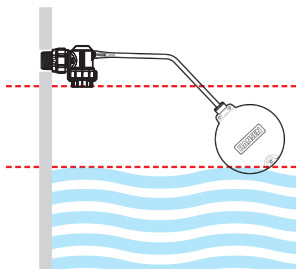
	Code	Description	Pack Size	Price €
	<b>HSFPV2015BLS</b>	<b>Superflo Short Brass Arm with 15 &amp; 20mm Long Tail Adaptors</b>	EA	
	Supplied with: complete brass valve body, short brass arm, 15mm and 20mm long tail adaptors			
	<b>HSFPV2520BLS</b>	<b>Superflo Short Brass Arm with 20 &amp; 25mm Long Tail Adaptors</b>	EA	
	Supplied with: complete brass valve body, short brass arm, 20mm and 25mm long tail adaptors			
	<b>HSFPV2520BS</b>	<b>Superflo Short Arm with 15, 20 &amp; 25mm Standard Adaptors</b>	EA	
	Supplied with: complete brass valve body, short brass arm, 15mm, 20mm and 25mm standard adaptors			

	Code	Description	Pack Size	Price €
	<b>HSFPV2015BL</b>	<b>Superflo Long Brass Arm with 15 &amp; 20mm Long Tail Adaptors</b> Supplied with: complete brass valve body, long brass arm, 15mm and 20mm long tail adaptors, 650mm cord and nuts	EA	
	<b>HSFPV2520BL</b>	<b>Superflo Long Brass Arm with 20 &amp; 25mm Long Tail Adaptors</b> Supplied with: complete brass valve body, long brass arm, 20mm and 25mm long tail adaptors, 650mm cord and nuts	EA	
	<b>HSFPV2520B</b>	<b>Superflo Long Brass Arm with 15, 20 &amp; 25mm Standard Adaptors</b> Supplied with: complete brass valve body, long brass arm, 15mm, 20mm and 25mm standard adaptors, 650mm cord and nuts	EA	

## Super-Flo Side Entry











## Super-Flo Top Entry



**TO CHANGE WATER LEVEL** Adjust length of cord at top of float

## Components of the *SuperFlo* Trough Valves

	Code	Size	Pack Size	Price €
	HSFBODY	25mm Female BSPT Piston Valve Body	EA	
	HSFBODYB	25mm Female BSPT Brass Piston Valve Body	EA	
	HSFPISTON	Slipper Fit Piston with O-Ring	EA	
	HSFCAPF	Superflo Female Body Cap Nut	EA	
	HSFCAP	Valve Body Cap Nut	EA	
	HSFSEAL	Valve Body Washer Seal	EA	
	HSFARM	Long Brass Arm 330mm long	EA	
	HSFARMS	Short Brass Arm 202mm long	EA	
	HSFPIN20	20mm Stainless Steel Split Pin	10	
	HCORD	650mm Cord and Nuts	EA	
	HSFORING	Piston O-Ring	EA	
	HFLOAT115B	115mm SF Threaded Float Blue	EA	
	HFLOAT115HI	115mm SF Threaded Float HiViz	EA	
	HFLOAT115P	115mm SF Threaded Float Pink	EA	
	HFLOAT140B	140mm SF Threaded Blue Float	EA	
	HFLOAT140HI	140mm SF Threaded Float HiViz	EA	
	HFLOAT140P	140mm SF Threaded Float Pink	EA	

# Max~Flo

## Max~Flo Features and Benefits

- High Performance, Cost Effective Trough/Tank Valve (29 psi, 570 l/ min)
- Suitable for Side, Bottom and Top entry
- Strong Compact Design
- Delivers high volumes of water quickly with unrestricted full flow
- Patent pending "Self Cleaning Pilot" for use in clean/dirty water
- Low operating pressure required reducing pumping costs and increasing flow
- Manufactured from strong, non corrosive UV stabilised materials
- Mini body design to enable easy installation
- Available in Female and Male BSPT, NPT and ACME thread configurations
- Suitable for High/Low Pressure operations - from 0.2 Bar to 12 Bar
- Variable open and close action preventing valve bounce and water hammer
- *Max~Flo* Diaphragm Valve is supplied with: Complete Valve Body, Adapters, Adjustable Extension Arm, 100mm Blue Flanged Float and 650mm Cord.

\*NB Adapter Configurations vary per pack



Code	Description	Pack Size	Price €
HMFDV2520	Maxflo with 20, 25 & 32mm Standard Adaptors	EA	
	Supplied with: complete valve body, adjustable extension arm, 100mm blue flanged float, 650mm cord, 20mm and 25mm standard adaptors		

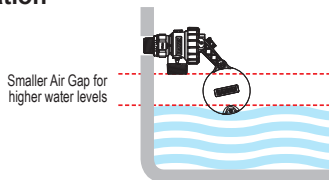
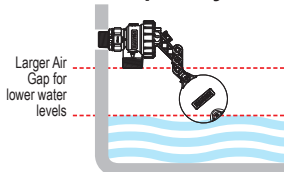


HMFDV2520L	EA
Maxflo with 20 & 25mm Long Tail Adaptors	
Supplied with: complete valve body, adjustable extension arm, 100mm blue flanged float, 650mm cord, 20mm and 25mm long tail adaptors	

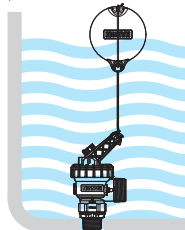
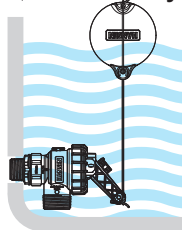


HMFDV3225L	EA
Maxflo with 25 & 32mm Long Tail Adaptors	
Supplied with: complete valve body, adjustable extension arm, 100mm blue flanged float, 650mm cord, 25mm and 32mm long tail adaptors	



**Max-Flo Top Entry Installation**












*With extension arm for use with lower water levels*

**Max-Flo Bottom Entry****Max-Flo Side Entry**

*To change on/off & water level adjust the length of the cord at the top of the float*



## Components of the *Max-Flo* Trough Valve

	Code	Size	Pack Size	Price €
	HMFBODY	25mm Female BSPT Diaphragm Valve Body	EA	
	HMFDIA	25mm Diaphragm with Stainless Steel Spring	EA	
	HMFCAP	Valve Body Cap with Guide Pin	EA	
	HMFNUT	Valve Body Cap Nut	EA	
	HMFARM	Short Control Arm with Arm Seal	EA	
	HMFARM	Adjustable Extension Arm	EA	
	HMFSEAL	Short Control Arm Seal	EA	
	HMFSCREW	20mm Stainless Steel Screw	EA	
	HMFPIN25	25mm Stainless Steel Split Pin	10	
	HCORD	650mm Cord and Nuts	EA	
	HFLOAT100B	100mm Flanged Float Blue fits MaxFlo or other valves with Cord & Nut	EA	



*Hansen Max~Flo Trough Valve in use.*

# Leveller Valve

High Performance Reservoir / Tank Valve

50mm



40mm



32mm



## Code

**HLEVELLERS**

## Description

Supplied with: Complete Valve Body, 32, 40 & 50mm Standard Adapters, Leveller Control, 115mm Weighted HiViz Threaded Ball, 140mm Blue Threaded Float, 2.5 metre Cord

Pack  
Size  
EA

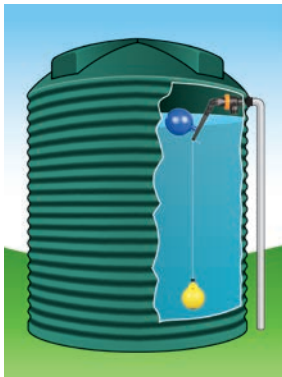
Price €

**Enables you to set a minimum & maximum water level when filling your tank with a pump**












## Leveller Valve Features and Benefits

- ✓ **Lengthen your Pumps Life with Less on/off Cycles**
- ✓ **Prevent Pump Burnout caused by Dry Tank Syndrome**
- ✓ **Combine with Rain Harvesting to take advantage of Natures Reserves**

- High performance cost effective Reservoir/ Tank valve
- Adjustable Minimum and Maximum on off control (50mm - 2.5 metre)
- Suitable for High/Low pressures (0.2 Bar - 12 Bar)
- Delivers high volumes of water quickly with unrestrictive full flow (1275 l/min at 12 Bar)
- Patent pending "self cleaning pilot" for use in clean/dirty water conditions.
- Soft open and close action preventing valve bounce and water hammer
- Strong compact design
- Threaded outlet for use with a diffuser tube, ideal for high flows, eliminating turbulence
- Punch out anti-syphon holes for multi tank filling or diffuser installations
- Manufactured from strong, non corrosive UV stabilised materials



## Components of the *Leveller* Valve

	<b>Code</b> HMFBODY	<b>Size</b> 25mm Female BSPT Diaphragm Valve Body	<b>Pack Size</b> EA	<b>Price €</b>
	HMFDIA	25mm Diaphragm with Stainless Steel Spring	EA	
	HLVNUTO	Valve Body Cap Nut	EA	
	HLVCAPASS	Cap Assembly (Cap, Seal, Rocker)	EA	
	HLVPHASS	Plunger Housing Assembly (Roller, Plunger, Spring, Plunger Housing)	EA	
	HLVCLAMPSET	Clamp Set (Clamp Bolt 5/16 SS, Clamp Block)	EA	
	HLVHARMASS	Housing and Arm Assembly (Housing, Arm, Pivot, Tube, SS Pin)	EA	
	HLVPIN40	40mm Stainless Steel Split Pin	10	
	HLVCORD	2.5 Metre Cord	EA	
	HFLOAT140B	140mm SF Threaded Blue Float	EA	
	HLVWFLOAT	115mm Weighted HiViz Threaded Ball (Weight included)	EA	

# Rapid-Flo Valve

## RAIN RELIEF

### High Performance Rain Relief Tank Valve

#### Small Adapters



#### Large Adapters



#### Code

**HRRRF152025**

**HRRRF324050**

#### Size

Rapidflo Valve 15/20/25 Long Tail

Rapidflo Valve 32/40/50 Long Tail

#### Pack

Size

EA

EA

#### Price €



Supplied with: Complete Valve Body, Weighted Float, 2.5 metre Cord and either 15mm & 20mm & 25mm Long Tail Adapter or 32mm & 40mm & 50mm Long Tail Adapter

### Enables you to supplement your rainwater tank during dry weather spells

If the tanks rain water level drops below minimum, the *Rapid-Flo* valve opens to supplement the tanks water from an alternative source such as the mains water supply.

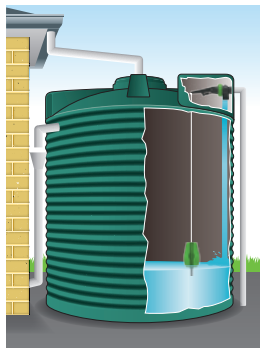
### *Rapid-Flo* Valve Features and Benefits

✓ Rain Harvesting & only pump when you need to












✓ Unrestricted full flow up to 1275 litres/min at 12 Bar

✓ Prevent Dry Tank Syndrome

- Maintains a minimum water level in rainwater tanks
- Delivers high volumes of water quickly with unrestrictive full flow (1275 l/min at 12 Bar)
- Suitable for high/low pressures (0.2 Bar – 12 Bar)
- Patent pending "self cleaning pilot" for use in clean/ dirty water conditions
- Soft open and close action preventing valve bounce and water hammer
- Lock off plunger allows the valve to be manually locked to the off position
- Strong compact design
- Manufactured from strong, non corrosive UV stabilised materials



## Components of the *Rapid~Flo* Rain Relief Valve

	Code	Size	Pack Size	Price €
	HMFBODY	25mm Valve Body	EA	
	HRRDIA	25mm Rain Relief Diaphragm & SS Spring	EA	
	HRRNUTG	Rain Relief Valve Body Cap Nut	EA	
	HRRLP	Rain Relief Locking Plunger	EA	
	HRRRFCAPASS	Rain Relief Rapidflo Cap Assembly	EA	
	HLVPHASS	Leveller Plun. Housing Assembly	EA	
	HRRARMAS	Rain Relief Arm Assembly	EA	
	HLVPIN40	40mm Stainless Steel Split Pin	10	
	HRRWFLOAT	Rain Relief Weighted Float	EA	
	HRRCORD	Rain Relief 2.5M Cord	EA	
	HRRWC	Rain Relief Weight & Carrier	EA	

# Slo-Flo Valve

## RAIN RELIEF

Restricted Performance Rain Relief Tank Valve

### Adapters

15mm



20mm



Pack  
Size  
EA

Price €



**Code** HRRSF1520 **Size** Sloflo Valve 15/20 Long Tail

Supplied with: Complete Valve Body, Weighted Float, 2.5 metre Cord, 15mm & 20mm Long Tail Adapter

**Enables you to supplement your rainwater tank during dry weather spells**

If the tanks rain water level drops below minimum, the *Slo-Flo* valve opens to supplement the tanks water from an alternative source such as the mains water supply.

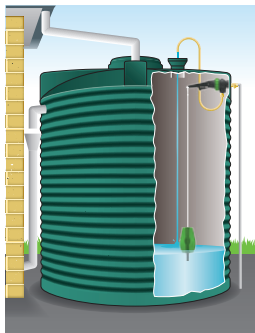
### *Slo-Flo* Valve Features and Benefits

✓ **Rain Harvesting & only pump when you need to**

✓ **Restricted flow to 2 litres/min**

✓ **Prevent Dry Tank Syndrome**














- Maintains a minimum water level in rainwater tanks
- Delivers consistent 2.0 l/min
- Suitable for high/low pressures (0.2 Bar – 12 Bar)
- Patent pending "self cleaning pilot" for use in clean/dirty water conditions
- Soft open and close action preventing valve bounce and water hammer
- Strong compact design
- Manufactured from strong, non corrosive UV stabilised materials



Note: Strainer and Gooseneck are not included



## Components of the *SlowFlo* Rain Relief Valve

	Code	Size	Pack Size	Price €
	HRRSFBODY	25mm Rain Relief Sloflo Valve Body	EA	
	HRRDIA	25mm Rain Relief Diaphragm & SS Spring	EA	
	HRRNUTG	Rain Relief Valve Body Cap Nut	EA	
	HRRLP	Rain Relief Locking Plunger	EA	
	HRRSFCAPASS	Rain Relief Sloflo Cap Assembly	EA	
	HLVPHASS	Leveller Plun. Housing Assembly	EA	
	HRRSFFR	Rain Relief Sloflo Flow Restrictor (Restricts to 2 litres per minute)	EA	
	HRRSFOA	Rain Relief Sloflo Outlet Adapter	EA	
	HRRARMAS	Rain Relief Arm Assembly	EA	
	HLVPIN40	40mm Stainless Steel Split Pin	10	
	HRRCORD	Rain Relief 2.5M Cord	EA	
	HRRWFLOAT	Rain Relief Weighted Float	EA	
	HRRWC	Rain Relief Weight & Carrier	EA	

## Valve Accessories

The Dual Float Adapter is used for attaching two floats to the brass arm of a Trough Valve. It is also used for attaching a second float to the Hansen Level Alert when using 4 extension rods.

### Dual Float Adapter



Code	Size	Pack Size	Price €
HDUALFLOATA	Dual Float Adapter	EA	

The Standard Adapter is used for installing a Hansen Trough or Tank Valve into a threaded inlet.

### Standard Adapter with O-Ring Seal







Code	Size	Pack Size	Price €
HMA15	25mm x 15mm	EA	
HMA20	25mm x 20mm	EA	
HMA25	25mm x 25mm	EA	
HMA32	25mm x 32mm	EA	
HMA40	25mm x 40mm	EA	
HMA50	25mm x 50mm	EA	

The Long Tail Adapter is used for a Hansen Trough or Tank Valve when installing through a trough or tank wall.

### Long Tail Adapter with O-Ring Seal



Code	Size	Pack Size	Price €
HMAL15	25mm x 15mm Long Male Adapter	EA	
HMAL20	25mm x 20mm Long Male Adapter	EA	
HMAL25	25mm x 25mm Long Male Adapter	EA	
HMAL32	25mm x 32mm Long Male Adapter	EA	
HMAL40	25mm x 40mm Long Male Adapter	EA	
HMAL50	25mm x 50mm Long Male Adapter	EA	

	Code	Size	Pack Size	Price €
	HFLOAT100B	100mm Flanged Float Blue Fits MaxFlo or other valves with Cord & Nut	EA	
	HFLOAT115B	115mm SF Threaded Float Blue Fits Super-Flo and Fast-Flo	EA	
	HFLOAT140B	140mm SF Threaded Blue Float Fits Super-Flo and Fast-Flo	EA	
	HFLOAT230L	155mm x 230mm Long Threaded Float Blue (for Level Alert)	EA	
	HMFFFLOAT	Mini FastFlo Float	EA	
<hr/>				
	HFLOAT100HI	100mm Flanged Float HiViz Fits MaxFlo or other valves with Cord & Nut	EA	
	HFLOAT115HI	115mm SF Threaded Float HiViz Fits Super-Flo and Fast-Flo	EA	
	HFLOAT140HI	140mm SF Threaded Float HiViz Fits Super-Flo and Fast-Flo	EA	
	HLVWFLOAT	115mm Weighted HiViz Threaded Ball (Weight included) Fits Super-Flo and Fast-Flo	EA	
<hr/>				
	HFLOAT115P	115mm SF Threaded Float Pink Fits Super-Flo and Fast-Flo	EA	
	HFLOAT140P	140mm SF Threaded Pink Float Fits Super-Flo and Fast-Flo	EA	

## Turbo~Twist

### WASHDOWN NOZZLE

**Turbo Twist Washdown Nozzle Pack** Includes Turbo Twist Washdown Nozzle and hose tail adaptors for connecting to 32mm & 40mm washdown hose.



Code	Size	Pack Size	Price €
HWDNTTPACK	40mm inlet	EA	
<b>Pack Contains:</b>			
HWDNTT	Turbo Twist Washdown Nozzle		
HWDHT4040	40mm x 40mm Hose Tail Adaptor		
HWDHT4032	40mm x 32mm Hose Tail Adaptor		

**Turbo Twist Washdown Nozzle** Hansen Turbo Twist washdown nozzle



Code	Size	Pack Size	Price €
HWDNTT	40mm inlet	EA	

## Turbo~Sweep

### DUAL ACTION WASHDOWN NOZZLE

**Turbo Sweep Washdown Nozzle Pack** Includes Turbo Sweep Washdown Nozzle and hose tail adaptors for connecting to 32mm & 40mm washdown hose.



Code	Size	Pack Size	Price €
HWDNTSPACK	40mm inlet	EA	
<b>Pack Contains:</b>			
HWDNTS	Turbo Sweep Washdown Nozzle		
HWDHT4040	40mm x 40mm Hose Tail Adaptor		
HWDHT4032	40mm x 32mm Hose Tail Adaptor		

**Turbo Sweep Washdown Nozzle** Hansen Turbo SWEEP washdown nozzle



Code	Size	Pack Size	Price €
HWDNTS	40mm inlet	EA	

## Washdown Nozzle Accessories

### Easy Clamp



*Replaces dangerous metal clamps with a safe hose camp that prevents nasty cuts. Available for 32mm or 40mm washdown hose.*

#### Code

HWDC40

HWDC32

#### Size

40mm inlet

32mm inlet

#### Pack Size

EA

EA

#### Price €

### Ultimate Swivel Hose Tail



*Helps prevent hose twists at nozzle, in line or at the hose connection point. Available in 32mm or 40mm hose tail.*

#### Code

HWDSHT5040

HWDSHT5032

#### Size

50mm x 40mm

50mm x 32mm

#### Pack Size

EA

EA

#### Price €

### Ultimate Swivel Hose Tail



*Threaded swivel for custom applications requiring a swiveled connection.*

#### Code

HWDSM5040

HWDSM5032

#### Size

50mm x 40mm

50mm x 32mm

#### Pack Size

EA

EA

#### Price €

### Washdown Hose Tail

*40mm BSP thread with 32mm or 40mm hose tail end.*



#### Code

HWHT5040

HWHT5032

#### Size

40mm x 40mm

40mm x 32mm

#### Pack Size

EA

EA

#### Price €

## Washdown Nozzle Service Kits

### Turbo Twist Service Kit

#### Code

HWNTTSK

HWDNSS

HMFSREW

#### Description

Twist Service Kit

Ultimate Swivel Service Kit

20mm Maxflo SS Screw

#### Pack Size

EA

EA

EA

#### Price €

### Turbo Sweep Service Kit

#### Code

HWNTSSK

HWDNSS

HMFSREW

#### Description

Sweep Service Kit

Ultimate Swivel Service Kit

20mm Maxflo SS Screw

#### Pack Size

EA

EA

EA

#### Price €

# Quick Connect

## Knuckle Unions

### Quick Connect Knuckle Unions Features and Benefits

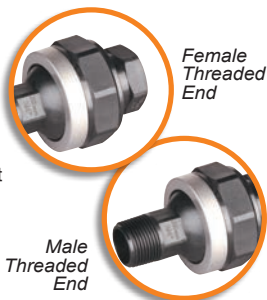
- Used to connect and disconnect pipe work or valves quickly and easily from pumps and existing installations
- Ultimate flexibility around pumps
- Quick connect/disconnect solution around pumps or along the trunk of a pipe
- 9° 'Knuckle' movement providing greater flexibility at installation time, removing the necessity of the pipe work having to line up exactly with your pump
- Pump can easily be removed or installed from system for servicing by undoing common nut
- Pump can be misaligned from pipe work by a total of 9°
- Multiple configurations enables this fitting to meet the needs of just about any situation
- Ability to connect to pipe applications directly from the pump or in-line
- Fits onto the extensive range of Hansen *Easy Fit* & *True Fit* Pipe Fittings

### Quick Connect Knuckle Unions Approvals

**AS/NZS 4020:** Hansen *Quick Connect* Unions meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.

#### Multiple Configurations

Multiple connections enables this fitting to meet the needs of just about any situation. All connections available in sizes 20mm, 25mm or 32mm ( $\frac{3}{4}$ ", 1",  $1\frac{1}{4}$ " BSPT).



#### IDEAL FOR...

- Pump or pipe work off centre and needing flexibility
- Connecting to pipe applications directly from the pump or in-line
- Connect/disconnect from pump or along the trunk of a pipe

**Quick Connect Knuckle Union**

Used to connect and disconnect pipe work or valves quickly and easily from pumps and existing installations. Total of 9 degrees socket movement.

**Knuckle Union Assembled Units**

Male BSPT x Female BSPT

**Code**

KU20M20F  
KU25M25F  
KU32M32F

**Size**

20mm x 20mm  
25mm x 25mm  
32mm x 32mm

**Pack Size**

EA  
EA  
EA

**Price €****Ultimate Flexibility Around Pumps**

The Hansen *Quick Connect* Knuckle Union is the ultimate quick connect/disconnect solution around pumps. With a flexible 'knuckle' joint of up to 9 degrees movement, now you don't have to worry if your pipe work doesn't line up exactly with your pump, the flexible Hansen *Quick Connect* Knuckle Union takes care of that for you!



Total of  
9 Degrees  
Movement

**Quick Connect Knuckle Union Components**

Used to connect and disconnect pipe work or valves quickly and easily from pumps and existing installations. Total of 9 degrees socket movement.

**Ball x Female Thread****Code**

KUB20F  
KUB25F  
KUB32F

**Size**

20mm  
25mm  
32mm

**Pack Size**

EA  
EA  
EA

**Price €****Knuckle Union Socket x Male Thread**  
(includes common nut)

common nut

**Code**

KUS20M  
KUS25M  
KUS32M

**Size**

20mm  
25mm  
32mm

**Pack Size**

EA  
EA  
EA

**Price €**

## Quick Connect Knuckle Unions Installation Steps

All pipe work must be adequately supported



1 Ensure that thread tape or sealant is used on all threaded connections.



2 Wind one end of the *Quick Connect* Knuckle Union onto one end of the connection. Then tighten until firm with a spanner. **Do not over tighten!** 1 or 2 turns should be all that is required.



3 Wind the other end of the *Quick Connect* Knuckle Union onto the other end of the connection. Then tighten until firm with a spanner. **Do not over tighten!** 1 or 2 turns should be all that is required.



4 Line up the two unjoined ends of the *Quick Connect* Knuckle Union.



5 Join the two parts together by winding the Common Centre Nut onto the matching Male Thread. Ensure the Common Centre Nut is firmly tightened. **Do not over tighten!**



6 Finished connection, pipe connected to pump with *Quick Connect* Knuckle Union.





***Hansen Knuckle Union Socket x Male Thread (KUS) in use***



***Hansen Knuckle Union Assembled Unit (KU25M25F) in use***

# Quick Connect

## Barrel Unions

### *Quick Connect* Barrel Unions Features and Benefits

- Designed to enable Quick Connect / disconnect around pumps, tanks, dairy sheds and irrigation
- Flat face for easy uninstal makes uninstalling pumps & pipe work a breeze!
- Strong & compact, perfect solution for tight spaces
- When the common nut is wound off, the pipe simply 'slips down'
- Great for tight spaces that have little room for connecting & disconnecting
- Ideal for connecting and disconnecting larger pump and pipes
- Perfect for off centred pipe work
- Ability to connect / disconnect from pump or along the trunk of a pipe
- Multiple configurations enables this fitting to meet the needs of just about any situation
- Ability to connect to pipe applications directly from the pump or in-line

### *Quick Connect* Barrel Unions Approvals

**WRAS:** Hansen *Barrel Unions* carry the WRAS approval by the Water Research Council in the UK which is the highest recognised water testing organisation in the world. A WRAS approved fitting must not cause waste, misuse, undue consumption or contamination of the water supply and must be of an appropriate quality and standard.

**AS/NZS 4020:** Hansen *Quick Connect* Unions meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.

*See our website for further details.*

*Designed to enable Quick Connect/Disconnect around Pumps, Tanks, Dairy Sheds, Industry and Irrigation.*

### Barrel Unions BSPT



Code	Size	Pack Size	Price €
SBU15	15mm	EA	
SBU20	20mm	EA	
SBU25	25mm	EA	
SBU2520	25mm x 20mm	EA	
SBU32	32mm	EA	
SBU3225	32mm x 25mm	EA	
SBU40	40mm	EA	
SBU50	50mm	EA	

## Hansen Barrel Union

### Strong & Compact

#### Perfect Solution For Tight Spaces

Aside from being a great choice for your every day quick connect/disconnect union needs, the Hansen *Quick Connect* Barrel Union's compact design makes it the perfect choice for tight spaces with little movement to spare.

Available in sizes  
15mm, 20mm, 25mm, 32mm,  
40mm, 50mm, 25x20mm,  
32x25mm.

(1/2" 3/4", 1", 1 1/4", 1 1/2",  
2", 1"x 3/4", 1 1/4"x1" BSP).



#### Easy Slip Down Action

The easy slip down action makes uninstalling pumps & pipe work a breeze! When the common nut is wound off, the pipe simply 'slips down' with virtually no extra forward or backward movement required to separate the connection.

#### IDEAL FOR...

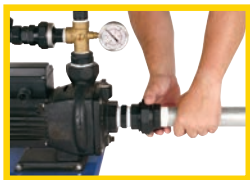
- Tight spaces that have little room for connecting & disconnecting
- Connecting and disconnecting larger pump and pipe sizes
- Where adjustment for off centred pipe work isn't a concern
- Connect/disconnect from pump or along the trunk of a pipe



## *Quick Connect* Barrel Unions Quick & Easy Installation - Pump to Pipe



- 1 Disconnect current pipe from pump by unwinding the Common Centre Nut



- 2 Connect the new pipe to pump by winding the Common Centre Nut onto the matching male thread

## *Quick Connect* Barrel Unions Quick & Easy Installation - Pipe to Pipe



- 1 Disconnect current pipe by unwinding the Common Centre Nut



- 2 Connect new pipe to pipe by winding the Common Centre Nut onto the matching male thread



*Hansen Barrel Union in use*

# Fast Fit Tapping Saddles

- The spigot guarantees correct placement onto the pipe and security of seal
- The hinge opens past 180° allowing fast and easy installation in any situation
- The hinge allows the saddle to remain as one piece which prevents loss of parts
- The bolt stays fixed to the body ensuring quick and easy installation and no lost parts with extra bolt holes on the larger sized saddles for peace of mind
- The custom seal with spigots guarantees correct seal placement, a visible check of correct installation
- M8 Stainless Steel bolt on all sizes means only one tool required
- The pilot hole in the base ensures correct hole placement
- Compact design, manufactured from strong, non-corrosive UV stabilised materials for a long life
- Packaging has all the information required for ease of purchase i.e. pipe size & type, thread DN, hole saw size etc



## **SPIGOT**

The spigot helps locate and secure the Hansen Tapping Saddle onto the pipe, reducing loss of seal if the pipe or saddle move under load.



## **HINGE**

The ability to open past 180° degrees makes it an excellent choice for tight spots. The hinge stays connected for a fast, easy one piece installation.



## **BOLTS**

Only one bolt required which is fixed to the body ensuring no lost parts and the common Stainless Steel M8 bolt on all sizes means only one tool is required for installation - a major time saver. Larger sizes can have up to three bolts if preferred.



## **CUSTOM SEAL**

The patented Fast-Fit Indicator Multi Seal has small spigots on the internal seal that are visible from the outside which help locate it correctly and removes any second guessing if the seal has been installed or not.



## **PILOT HOLE**

A pilot hole located at the base of each saddle makes installation easy.

Hansen Products' range of Tapping Saddles have revolutionised the way people tee off the main pipeline.

**TAPPING SADDLE**

Medium Density  
MD x BSPT



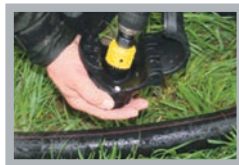
Code	Size	Pack Size	Price €
HTSMD3225	32mm MD x 25mm BSPT	EA	
HTSMD4025	40mm MD x 25mm BSPT	EA	
HTSMD4032	40mm MD x 32mm BSPT	EA	
HTSMD5025	50mm MD x 25mm BSPT	EA	
HTSMD5032	50mm MD x 32mm BSPT	EA	
HTSMD5040	50mm MD x 40mm BSPT	EA	
HTSMD6320	63mm MD x 20mm BSPT	EA	
HTSMD6325	63mm MD x 25mm BSPT	EA	
HTSMD6332	63mm MD x 32mm BSPT	EA	
HTSMD6340	63mm MD x 40mm BSPT	EA	
HTSMD6350	63mm MD x 50mm BSPT	EA	

*Fast-Fit* Patented  
Indicator Multi Seal



Code	Size	Pack Size	Price €
HTSSEAL1	63mm MDPE x 50mm BSPT Seal	EA	
HTSSEAL2	50mm Seal	EA	
HTSSEAL3	40mm Seal	EA	
HTSSEAL4	32mm Seal	EA	

## *Fast Fit* Tapping Saddle Installation Instructions



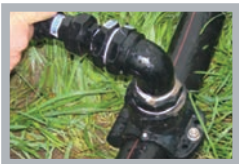
1. Select a hole saw to fit between the min. and max. as marked on the saddle body of your Hansen *Fast Fit* Tapping Saddle.



2. Use the pilot hole located on the base of the Hansen *Fast Fit* Tapping Saddle as a guide to start drilling, then remove the Hansen *Fast Fit* Tapping Saddle and complete the drilling. Clean off the burrs from the pipe.



3. Ensure the internal seal is installed. Use the small white spigots to help locate it correctly. Place the Hansen *Fast Fit* Tapping Saddle around the pipe using the saddle spigot to help locate it in the drilled hole. Tighten bolt.



4. When adding additional fittings it is recommended that either a thread sealing paste or thread sealing tape be used on all threaded connections. We recommend LOCTITE 5331.