

Frequently Asked Questions

Q Can I use this fitting in my house water supply?

A Yes, the Hansen *Easy Fit* Compression Fittings are potable water approved.

Q Does this fitting carry Hansen's Limited Lifetime Warranty?

A Yes, all Hansen manufactured products carry our Limited Lifetime Warranty*

Q Can I use Hansen *Easy Fit* Fittings under driveways, paths and foundations?

A Hansen does not recommend the use of any Hansen *Easy Fit* Fittings under any driveways, paths, or foundations.

Q How tight should I tighten my *Easy Fit* Compression fittings?

A Up to 32mm just tighten hand tight and all sizes above use a spanner to tighten another 1/2 to 1 turns past hand tight. Remember you already have a seal once the pipe is past the O-Ring, all the Nut is doing is compressing the Grip Ring onto the pipe to hold the pipe in place.

Standards & Approvals



Approved for use with potable (drinkable) water. The Water Research Council in the UK is the highest recognised water testing organisation in the world.

AS/NZS 4020

AS/NZS 4129:2020

Hansen *Easy Fit* Compression Fittings meet the requirements for products in contact with drinking water as per AS/NZS 4020 and AS/NZS 4129:2020 Australia & New Zealand drinking water standards.



Hansen *Easy Fit* Compression Fittings have achieved the esteemed WaterMark Certification for use in plumbing & drainage installations. Certification No: WMKA21978

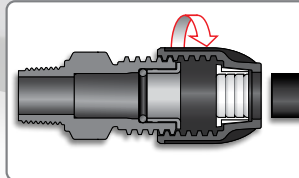
Hansen *Easy Fit* Compression Fittings are approved to be used in many municipal water supply construction and maintenance activities. See our website for details.



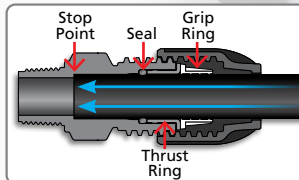
Easy to Install



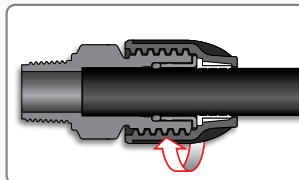
1. Cut and chamfer the pipe with pipe cutters, knife or saw. Ensure a square cut of pipe ends. Clean burrs from pipe ends. Keep the pipe end clean and as free of scratches and imperfections as possible.



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, White Grip Ring & Thrust Ring until it meets resistance at the Seal. Give the pipe a firm push past the Seal 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 Seal. Tightening the nut is to achieve pull out resistance of the pipe.

Hansen *Easy Fit* Compression Fittings should be installed onto Medium Density pipe that has been installed in accordance with the following standards:

- AS/NZS 2566 Part 1 and Supplement "Buried Flexible Pipelines - Structural Design" Detailed Installation and Site Pressure Testing.
- AS/NZS 2566 Part 2 "Installation"
- AS/NZS 2033 Installation of Polyethylene Pipe Systems

For more information on best practice installations, please contact info@hansenproducts.com

Failure to complete installation in accordance with the above standards, may void any warranties given by Hansen Products (NZ) Limited in respect to the Fitting.

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Available From:

HANSEN

Best Installed Value



Easy Fit Compression Fittings

www.hansenproducts.com

HB205 2604

Best Installed Value

In the late 1970s Bert Hansen developed a range of easy to use "cold fit pipe fittings" that revolutionised the way Kiwi farmers joined pipe.

Adding to the *Easy Fit* range of pipe fittings, Hansen introduces the new *Easy Fit* Compression Fittings designed specifically for joining Medium Density polyethylene pipe. Building on 60 years experience in the manufacturing of pipe fittings and valves, the sleek, compact design uses only the very best materials to withstand the harshest weather conditions.

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*

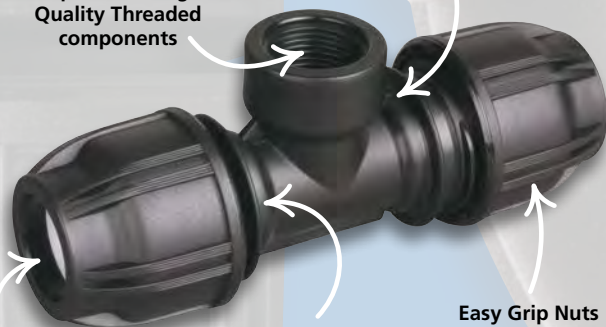
*For more information on our warranty please visit www.hansenproducts.com/legal.htm

High Quality Compression Fittings

Potable (Drinking) water approved

Manufactured in NZ using Best Quality Materials to withstand the harshest weather conditions

Dependable High Quality Threaded components



High Pressure Rated

Proven Seal for reliable leak free connections

Easy Grip Nuts for rapid winding onto pipe

THREAD CONVERSIONS

1/2" - 15mm	2" - 50mm
3/4" - 20mm	2 1/2" - 63mm
1" - 25mm	3" - 75mm
1 1/4" - 32mm	4" - 100mm
1 1/2" - 40mm	

Coupling - HMDC



Size mm:	
16mm	90mm
20mm	110mm
25mm	
32mm	
40mm	
50mm	
63mm	
75mm	

Reducing Coupling - HMDRC



Size mm:	
20mm x 16mm	50mm x 40mm
25mm x 16mm	63mm x 32mm
25mm x 20mm	63mm x 40mm
32mm x 20mm	63mm x 50mm
32mm x 25mm	75mm x 63mm
40mm x 25mm	90mm x 63mm
40mm x 32mm	90mm x 75mm
50mm x 32mm	110mm x 75mm
	110mm x 90mm

Repair Slip Coupling - HMDRSC



Size mm:	
20mm	110mm
25mm	
32mm	
40mm	
50mm	
63mm	
75mm	
90mm	

End Cap - HMDEC



Size mm:	
16mm	90mm
20mm	110mm
25mm	
32mm	
40mm	
50mm	
63mm	
75mm	

Male Coupling - HMDMC



Size mm:		
16mm x 1/2"	32mm x 1"	50mm x 2"
16mm x 3/4"	32mm x 1 1/4"	63mm x 1 1/4"
20mm x 1/2"	32mm x 1 1/2"	63mm x 2"
20mm x 3/4"	40mm x 1"	63mm x 2 1/2"
25mm x 3/4"	40mm x 1 1/4"	75mm x 2"
25mm x 1"	40mm x 1 1/2"	75mm x 3"
32mm x 1/2"	40mm x 2"	90mm x 2 1/2"
32mm x 3/4"	50mm x 1 1/4"	90mm x 3"
	50mm x 1 1/2"	90mm x 4"
		110mm x 2"
		110mm x 3"
		110mm x 4"

Female Coupling - HMDFC



Size mm:		
16mm x 1/2"	32mm x 1 1/4"	75mm x 2"
16mm x 3/4"	40mm x 1"	75mm x 2 1/2"
20mm x 1/2"	40mm x 1 1/4"	75mm x 3"
20mm x 3/4"	40mm x 1 1/2"	90mm x 2"
25mm x 1/2"	50mm x 1 1/2"	90mm x 2 1/2"
25mm x 3/4"	50mm x 2"	90mm x 3"
25mm x 1"	63mm x 1 1/2"	90mm x 4"
32mm x 3/4"	63mm x 2"	110mm x 3"
32mm x 1"	63mm x 2 1/2"	110mm x 4"

Tee - HMDT



Size mm:	
16mm	50mm
20mm	63mm
25mm	75mm
32mm	90mm
40mm	110mm

Reducing Tee - HMDRT



Size mm:	
20mm x 20mm x 16mm	50mm x 50mm x 32mm
25mm x 25mm x 20mm	50mm x 50mm x 40mm
32mm x 32mm x 20mm	63mm x 63mm x 50mm
32mm x 32mm x 25mm	75mm x 75mm x 63mm
40mm x 40mm x 32mm	90mm x 90mm x 75mm
	110mm x 110mm x 63mm
	110mm x 110mm x 90mm

Male Threaded Tee - HMDMT



Size mm:		
16mm x 1/2"	25mm x 1"	50mm x 1 1/2"
16mm x 3/4"	32mm x 3/4"	50mm x 2"
20mm x 1/2"	32mm x 1"	63mm x 1 1/2"
20mm x 3/4"	32mm x 1 1/4"	63mm x 2"
25mm x 1/2"	40mm x 1"	75mm x 2 1/2"
25mm x 3/4"	40mm x 1 1/4"	75mm x 3"
	40mm x 1 1/2"	90mm x 3"
		110mm x 4"

Female Threaded Tee - HMDFT



Size mm:		
16mm x 1/2"	25mm x 1"	50mm x 1 1/2"
16mm x 3/4"	32mm x 3/4"	50mm x 2"
20mm x 1/2"	32mm x 1"	63mm x 1 1/2"
20mm x 3/4"	32mm x 1 1/4"	63mm x 2"
25mm x 1/2"	40mm x 1"	63mm x 2 1/2"
25mm x 3/4"	40mm x 1 1/4"	75mm x 2"
	40mm x 1 1/2"	75mm x 2 1/2"
	50mm x 1 1/2"	75mm x 3"
		90mm x 2 1/2"
		90mm x 3"
		110mm x 4"

Elbow - HMDE



Size mm:	
20mm	63mm
25mm	75mm
32mm	90mm
40mm	110mm
50mm	

Male Elbow - HMDME



Size mm:	
16mm x 1/2"	32mm x 1"
16mm x 3/4"	32mm x 1 1/4"
20mm x 1/2"	40mm x 1"
20mm x 3/4"	40mm x 1 1/4"
25mm x 1"	40mm x 1 1/2"
32mm x 3/4"	50mm x 2"
	63mm x 1 1/2"
	63mm x 2"
	63mm x 2 1/2"
	75mm x 2 1/2"
	75mm x 3"
	90mm x 4"
	110mm x 4"

Female Elbow - HMDFE



Size mm:	
16mm x 1/2"	32mm x 1"
20mm x 1/2"	32mm x 1 1/4"
20mm x 3/4"	40mm x 1"
25mm x 1/2"	40mm x 1 1/4"
25mm x 3/4"	40mm x 1 1/2"
32mm x 3/4"	50mm x 2"
	63mm x 1 1/2"
	63mm x 2"
	63mm x 2 1/2"
	75mm x 2 1/2"
	75mm x 3"
	90mm x 4"
	110mm x 4"

Reducing Bracket Elbow - HMDRBE



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

Tapping Saddle - HTSMD



Size mm:	
32mm x 25mm	50mm x 32mm
40mm x 25mm	50mm x 40mm
63mm x 32mm	63mm x 25mm
63mm x 40mm	63mm x 32mm
50mm x 25mm	63mm x 40mm
	63mm x 50mm

Compression Spare Parts & Pipe Liners

Nut - HMDN



Size mm:	
16mm	63mm
20mm	75mm
25mm	90mm
	110mm

Thrust Ring - HMDTR



Size mm:	
16mm	63mm
20mm	75mm
25mm	90mm
	110mm

Grip Ring - HMDGR



Size mm:	
16mm	63mm
20mm	75mm
25mm	90mm
	110mm

O-Ring - HMDORING



Size mm:	
16mm	63mm
20mm	75mm
25mm	90mm
	110mm

Seal - HMDS



Size mm:	
16mm	63mm
20mm	75mm
25mm	90mm
	110mm

Liner - HMDL

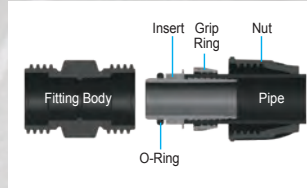


Size mm:	
16mm	32mm
20mm	40mm
25mm	50mm
	63mm

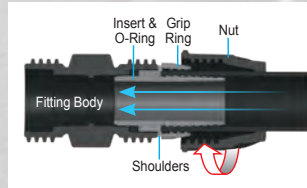
Easy to Install



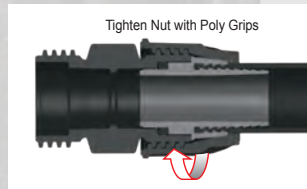
1. Cut the pipe with pipe cutters, knife or saw. Ensure the ends of the pipe are cut square. Clean burrs from pipe ends and keep the pipe ends clean and as free of scratches and imperfections as possible.



2. Unscrew the Nut and remove the Grip Ring and Insert/O-Ring from the fitting. Place the Nut and Grip Ring onto the pipe and tap the Insert fully into the pipe.



3. Push the Insert/O-Ring into the Fitting Body until the Shoulders bottom out. Slide the Grip Ring towards the fitting ensuring it is in contact with the Insert and firmly hand tighten the Nut.



4. Use a pair of Poly Grips for at least another half turn past hand tight for final tightening.

Hydraulic seal is created by fully seating the Insert/O-Ring in the fitting and sealing the pipe against the Insert barbs when the Nut is fully tightened. This also achieves the pull-out resistance of the pipe.

Frequently Asked Questions

Q What should I use when driving the insert into the pipe?

A A soft mallet or even a soft piece of timber. Ensure the insert is driven all the way in to ensure it is fully seated.

Q How long can I expect Hansen *Easy Fit* Rural Compression Fittings to last?

A The Hansen *Easy Fit* Rural Compression Fittings are manufactured to last 50 plus years and are also covered by the Hansen Lifetime Warranty.

Q Can I use the Hansen *Easy Fit* Rural Compression Fittings above ground?

A Yes the Hansen *Easy Fit* Rural Compression Fittings are manufactured from high quality virgin polypropylene and are UV stabilised.

Q Can I use the Hansen *Easy Fit* Rural Compression Fittings for my domestic supply?

A The Hansen *Easy Fit* Rural Compression Fittings are approved for potable water.

Q Can I use the Hansen *Easy Fit* Rural Compression Fittings under driveways, paths and foundations?

A Hansen does not recommend the use of any *Easy Fit* Fittings under any driveways, paths, or foundations.

Q Is it possible to undo the fitting and reuse?

A Yes the Hansen *Easy Fit* Rural Compression Fittings are designed to be easily disassembled and reused. Simply undo the nut, slide both the nut and grip ring along the pipe out of the way and pull the pipe and insert from the fitting body.

Q Must I use a wrench or pipe grips to finally tighten the nut?

A Yes it's essential you use a wrench or poly grips to ensure you get maximum grip on the pipe.

Q Why is it beneficial that the Hansen *Easy Fit* Rural and *Easy Fit* Compression fittings are interchangeable?

A It means you can change the pipe line from Rural to Metric or vice versa using only a single fitting at any point in the line by swapping out their basic components.



The Reliable Rural Pipe Connection

PRESSURE RATING

Pressure rated to suit Rural Class B Polyethylene Pipe

EASY GRIP NUTS

Make fast work for tightening fitting onto pipe

HIGH QUALITY THREADS

for dependable connections

MADE FROM HIGH QUALITY DURABLE MATERIALS

Manufactured using Best Quality Materials to withstand the harshest weather conditions

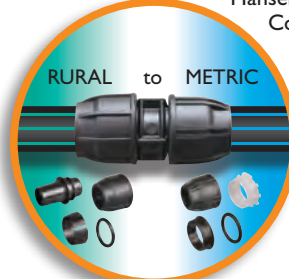
POTABLE WATER APPROVED

Materials approved for use with Potable (drinkable) Water

AS/NZS 4020

INTERCHANGEABILITY

Hansen Easy Fit Rural & Compression fitting components are interchangeable, allowing you to change the pipe type at a single fitting



EASY PIPE INSERTION

The tapered design of the insert makes it very easy to get it started into the pipe when installing

RELIABLE INSERT/O-RING & POSITIVE GRIP RING

Proven combination for a reliable water tight seal

LARGE RANGE

of over 80 fittings in sizes 3/4" to 2" provides more options & versatility in new and existing installations, saving time and money



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 Rural Compression range. The simple steps make installation a breeze

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

2. Unscrew the Nut and remove the Grip Ring and Insert/O-Ring from the fitting. Place the Nut and Grip Ring onto the pipe and tap the Insert fully into the pipe.

3. Push the Insert/O-Ring into the Fitting Body until the Shoulders bottom out. Slide the Grip Ring towards the fitting ensuring it is in contact with the Insert and firmly hand tighten the Nut.

4. Use a pair of Poly Grips for at least another half turn past hand tight for final tightening.

HANSEN™

Easy Fit Rural Compression Fittings



HD8322 2211

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HANSEN
Best Installed Value

Available From:

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Best Installed Value

In the late 1970's Bert Hansen developed a range of easy to use "cold fit pipe fittings" that revolutionised the way farmers joined Polyethylene pipe. Adding to the *Easy Fit* Medium Density Compression range of pipe fittings, Hansen introduces the new *Easy Fit* Rural Compression Fittings range.

The *Easy Fit* Rural Compression fitting range has been designed specifically for joining Australian Rural Class B Polyethylene pipe together. Building on 50 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 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 Lifetime Warranty.

*For more information on our warranty please visit www.hansenproducts.com/legal.htm

Features & Benefits

- Based on Hansen's successful Medium Density Compression fitting range
- Manufactured using best quality materials to withstand the harshest weather conditions
- O-Ring is pre-lubricated for easy assembly and reliable leak free connections
- UV stabilised high quality virgin polypropylene giving weather, termite, fungi and bacterial resistance
- Pressure rated to suit Rural Class B Polyethylene Pipe
- Sleek, compact design for easy installation
- Easy grip nuts for rapid winding onto pipe
- Dependable high quality threaded components
- No pipe chamfering required
- Ability to convert Rural to MD and vice versa.
- Inserts are self aligning. Tightening of the nut will draw the insert into the body of the fitting, creating a perfect seal.

Rural Joiners

Joiner



Code: HRJ
Sizes:
3/4"
1"
1-1/4"
1-1/2"
2"

Reducing Joiner



Code: HRRJ
Sizes:
1" x 3/4"
1-1/4" x 1"
1-1/2" x 1-1/4"
2" x 1-1/2"

Rural End Connectors

Male End Connector



Code: HRMEC
Sizes:
3/4" x 1/2"
3/4" x 3/4"
1" x 3/4"
1" x 1"
1-1/4" x 3/4"
1-1/4" x 1"
1-1/4" x 1-1/4"
1-1/2" x 1"

Female End Connector



Code: HRFEC
Sizes:
3/4" x 1/2"
3/4" x 3/4"
1" x 3/4"
1" x 1"
1-1/4" x 3/4"
1-1/4" x 1"
1-1/4" x 1-1/4"
1-1/2" x 1-1/4"

End Cap



Code: HREC
Sizes:
3/4"
1"
1-1/4"
1-1/2"
2"

Rural Tee Fittings

Tee



Code: HRT
Sizes:
3/4"
1"
1-1/4"
1-1/2"
2"

Reducing Tee



Code: HRRT
Sizes:
1" x 1" x 3/4"
1-1/4" x 1-1/4" x 3/4"
1-1/4" x 1-1/4" x 1"
1-1/2" x 1-1/2" x 1-1/4"
2" x 2" x 1-1/4"
2" x 2" x 1-1/2"

Male Tee



Code: HRMT
Sizes:
1" x 1" x 1/2"
1" x 1" x 3/4"

Female Tee



Code: HRFT
Sizes:
3/4" x 3/4" x 1/2"
3/4" x 3/4" x 3/4"
1" x 1" x 1/2"
1" x 1" x 3/4"
1" x 1" x 1"
1-1/4" x 1-1/4" x 3/4"
1-1/4" x 1-1/4" x 1"
1-1/4" x 1-1/4" x 1-1/4"
1-1/2" x 1-1/2" x 1-1/4"
1-1/2" x 1-1/2" x 1-1/2"
2" x 2" x 1-1/2"
2" x 2" x 2"

Nut Assembly Kits

Rural Nut Assembly



Code: HRKIT
Sizes:
3/4"
1"
1-1/4"
1-1/2"
2"

Metric Nut Assembly



Code: HMKIT
Sizes:
20mm
25mm
32mm
40mm
50mm

CONVERSIONS

9bar - 900 kPa - 131psi
20° Celsius - 68° Fahrenheit

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

Hansen Rural Compression Fittings are designed for Rural Class B Polyethylene Pipe.

Fitting sizes 3/4" to 2" are pressure rated to 9bar at 20° Celsius.

Rural Nut Assembly

Rural Nut



Code: HRN
Sizes:
3/4" | 1-1/2"
1" | 2"
1-1/4"

Rural Grip Ring



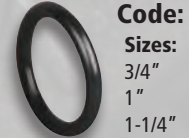
Code: HRGR
Sizes:
3/4" | 1-1/2"
1" | 2"
1-1/4"

Rural Insert



Code: HRI
Sizes:
3/4" | 1-1/2"
1" | 2"
1-1/4"

Rural O-Ring



Code: HMDORING
Sizes:
3/4" | 1-1/2"
1" | 2"
1-1/4"

Metric Nut Assembly

Metric Nut



Code: HMND
Sizes:
20mm | 40mm
25mm | 50mm
32mm

Metric Grip Ring



Code: HMDGR
Sizes:
20mm | 40mm
25mm | 50mm
32mm

Metric Thrust Ring



Code: HMDTR
Sizes:
20mm | 40mm
25mm | 50mm
32mm

Metric O-Ring



Code: HMDORING
Sizes:
20mm | 40mm
25mm | 50mm
32mm

Rural Elbows

Elbow



Code: HRE
Sizes:
3/4"
1"
1-1/4"
1-1/2"
2"

Male Elbow



Code: HRME
Sizes:
3/4" x 1/2"
3/4" x 3/4"
1" x 3/4"
1" x 1"
1-1/4" x 1"
1-1/4" x 1-1/4"

Female Elbow



Code: HRFE
Sizes:
3/4" x 1/2"
3/4" x 3/4"
1" x 1/2"
1" x 3/4"
1" x 1"
1-1/4" x 1"

Fully Compatible

Hansen Rural Compression Fittings are fully compatible with all other Hansen fitting & valve ranges.



Standards & Approvals

AS/NZS 4020 Materials used in *Easy Fit* Rural Compression Fittings meet the requirements of AS/NZS 4020 Australia & New Zealand drinking water test standard.

AS/NZS 2698.2 *Easy Fit* Rural Compression Fittings are suitable for use on Rural Class B Polyethylene Pipe manufactured to AS/NZS 2698.2.