

HANSEN™

Quick Connect Unions



Features & Benefits

- Pump can easily be removed or installed from system for servicing by undoing common nut
- Fits into the extensive range of Hansen *Easy Fit & True Fit* Pipe Fittings
- Manufactured from UV Stabilised High Quality Glass Fibre Reinforced Nylon giving a weather, termite, fungi and bacterial resistance
- Manufactured from materials approved for use with potable (drinkable) water
- Low Installation costs - no specialist site equipment or skilled labour required
- Fittings demonstrate excellent hydraulic flow characteristics
- Flexibility and Versatility - in new and existing installations, saving time and money

Knuckle Union Specific Features

- Pump can be misaligned from pipe work by a total of 9 degrees
- Cold Fit - Fast Fix - No heating of pipe required
- Nut and Barbs provide superior double strength grip – when fitted correctly the fitting will not leak or blow off the pipe

Tech Info

- All pipe work must be adequately supported
- Hansen *Quick Connect* Knuckle Union Maximum Working Pressure; 10 Bar (1000 kPa. 145 PSI) @ 20°C
- Hansen *Quick Connect* Barrel Union Maximum Working Pressure; 16 Bar (1600 kPa. 235 PSI) @ 20°C
- Poly end Knuckle Union Manufactured for use with New Zealand Low Density Polythene Pipe LDPE, EnduroFlex, Australian Rural (Class B), Irish Imperial Pipe. Also suitable for other types of flexible pipe and hose i.e. thin wall irrigation tubing and rubber hoses. 45mm fittings are designed for special applications.
- Suitable for many types of fluid. See the Knuckle & Barrel Union Chemical Resistance Chart on our website.
- Use a thread sealant on all threaded connections. We recommend LOCTITE 5331.

Standards & Approvals

AS/NZS 4020

Hansen *Quick Connect* Unions from 20mm to 32mm have met the requirements of AS/NZS 4020 Australia & New Zealand drinking water test standards, and gained Class SGS Marine Certification. See our website for further details.



Class SGS
Marine
Certificate

Fire Rating UL94HB

Frequently Asked Questions

Q I've had to replace my suction fitting on my pump as it snapped and now I can't align my pump back to the bolts it was held in place with. Will your Hansen *Quick Connect* Union help me here?

A Yes, the reason your fitting failed was the same reason you can't line up the bolt holes now, the suction line was never lined up with the pump intake. Try a male to poly Hansen *Quick Connect* Union in the size you require. This will also mean you can bolt down your pump first, attach both parts of the Hansen *Quick Connect* Union to pump and poly pipe and then just connect the fitting with common centre nut.

Q I have a situation where I would like to connect into an existing stock water line out the back of the farm for filling a spray tank to save travel time when spraying. Can I use a Hansen *Quick Connect* Union for this purpose?

A Yes, as long as there is an isolating valve nearby you can install a poly to poly Hansen *Quick Connect* Union and purchase a ball to poly pipe tail for your tank fill pipe length and quickly hook into this line when required.

Q Can I use your Hansen *Quick Connect* Union for easy service of my pump?

A Yes, by installing an Hansen *Quick Connect* Union on both the inlet and outlet you effectively have a barrel union and poly joiner in one fitting which allows you to undo two common centre nuts and easily lift your pump out for service.

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HANSEN™
Best Installed Value

Available From:

Best Installed Value

After the success of Hansen *Easy Fit* Pipe Fittings and *True Fit* Threaded Fittings the next obvious product range to add to the already extensive Hansen Range was Unions. The Hansen *Quick Connect* Union range was added in the late 1990's and is designed and manufactured to the same high quality and principals as the rest of the Hansen range.

The Hansen *Quick Connect* Union range makes removing or installing a pump or pipe work from your system a breeze as all you have to do is undo the common nut. With an impressive range of configurations, the Hansen *Quick Connect* Unions are suitable for many types of fluid and fit easily onto Hansen *Easy Fit* Pipe Fittings and *True Fit* Threaded Fittings. Whether you need flexibility around your pump or a fast and easy connect/disconnect solution in and around pipe work, the Hansen range of *Quick Connect* Unions offers a solution for you.

With over 50 years experience in manufacturing, 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

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 $1/4"$ x 1" BSP).



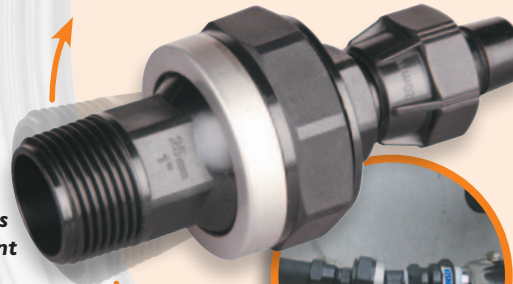
EASY SLIP DOWN ACTION

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

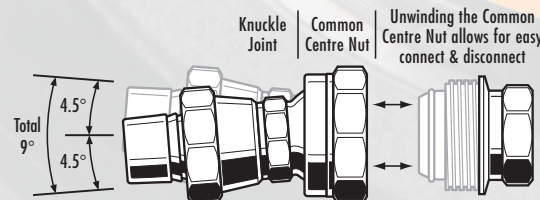
Hansen Knuckle Union - Ultimate Flexibility



Total of 9 Degrees Movement

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!

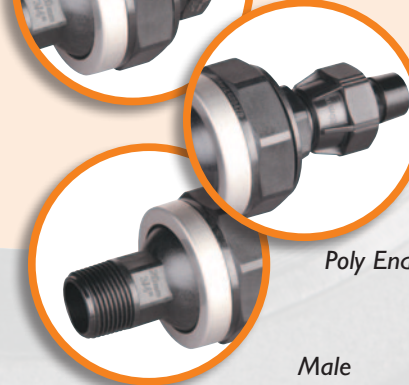


MULTIPLE CONFIGURATIONS

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



Female Threaded End



Poly End



Male Threaded End

Ideal for...

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

Pumps



Pipe work



Rural



Agriculture



Horticulture



Irrigation



Domestic



Marine

