

HANSEN™

POLYTHENE PIPE FITTINGS



FLEXIBLE KNUCKLE UNION

Application

The recently Introduced HANSEN™ Knuckle Union has two key features Unwinding the common centre nut allows for easy connect & disconnect from large equipment and existing installations. The addition of a 9 degree knuckle joint provides strain relief where needed.

KU20M20P 20mm Male Thread x 20mm Poly Pipe Tail



KU20M25P 20mm Male Thread x 25mm Poly Pipe Tail



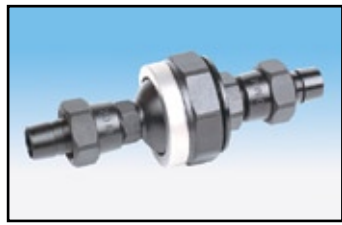
KU20M20F 20mm Male Thread x 20mm Female Thread



KU20F20P 20mm Female Thread x 20mm Poly Pipe Tail



KU20P20P 20mm Poly Pipe Tail x 20mm Poly Pipe Tail



KU25M20P 25mm Male Thread x 20mm Poly Pipe Tail



KU25M25P 25mm Male Thread x 25mm Poly Pipe Tail



KU25M32P 25mm Male Thread x 32mm Poly Pipe Tail



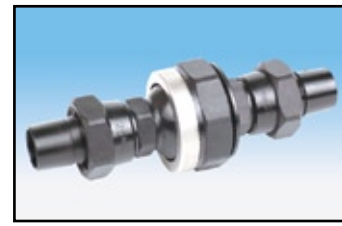
KU25M25F 25mm Male Thread x 25mm Female Thread



KU25F25P 25mm Female Thread x 25mm Poly Pipe Tail



KU25P25P 25mm Poly Pipe Tail x 25mm Poly Pipe Tail



KU32M25P 32mm Male Thread x 25mm Poly Pipe Tail



KU32M32P 32mm Male Thread x 32mm Poly Pipe Tail



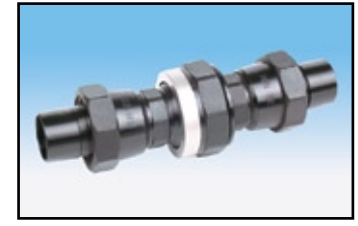
KU32M32F 32mm Male Thread x 32mm Female Thread



KU32F32P 32mm Female Thread x 32mm Poly Pipe Tail



KU32P32P 32mm Poly Pipe Tail x 32mm Poly Pipe Tail



CONVERSIONS	
15mm - 1/2"	25mm - 1"
20mm - 3/4"	32mm - 1 1/4"

KNUCKLE UNION TECHNICAL INFORMATION

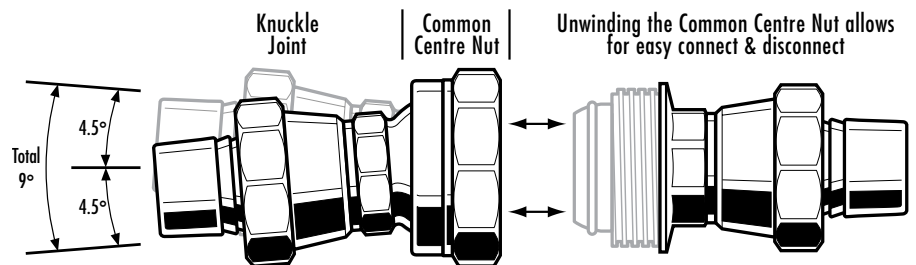
Features & Benefits

- Pump can easily be removed or installed from system for servicing by undoing common centre nut.
- Pump can be off centre from pipe work by a total of 9 degrees.
- Fits into the extensive range of HANSEN™ Polythene Pipe Fittings.
- Cold fit – Fast fix – No heating of pipe required.
- Manufactured from High Quality Glass Fibre Reinforced Nylon giving a weather, termite, fungi and bacteria resistance, for longer life, cost effective, low maintenance fittings.
- Materials approved for use with potable (drinkable) water.

Specifications

- Maximum Working Pressure; 10 Bar (1000 kPa, 145 PSI) @ 20°C.
- Fittings are designed for;
 - All sizes of New Zealand Low Density Polythene Pipe LDPE (to NZS 7601) and Enduro Flex. Australian Rural (Class B) and Irish Imperial Pipe.
 - Suitable for other types of flexible pipe and hose, i.e. thin wall irrigation tubing, suction and rubber hoses.
- All pipe work must be adequately supported.
- It is recommended that either a thread sealing paste or thread sealing tape be used on all threaded connections.
- Suitable for many types of fluid. Ask your dealer for details or contact HANSEN™ Products.
- Hansen have tested all its products for use with cold water up to a maximum temperature of 60°C (140°F). We do not recommend the use of these products with temperatures higher than 60°C (140°F) as plastic expands due to temperature increases. Hansen can not guarantee the products will perform when used with temperatures over 60°C (140°F). Hansen products that have failed in temperatures higher than 60°C (140°F) will not be covered by warranty.

FLEXIBLE KNUCKLE UNION



User Benefits

- Quick release via Common Centre Nut
- 9 degree knuckle socket movement for existing installations where movement is required.
- Knuckle Union can be used on the delivery or suction side of the pump.
- Pump is easily removed or installed from system for servicing.
- Sizes 20mm, 25mm, 32mm, threaded or polythene pipe fittings.

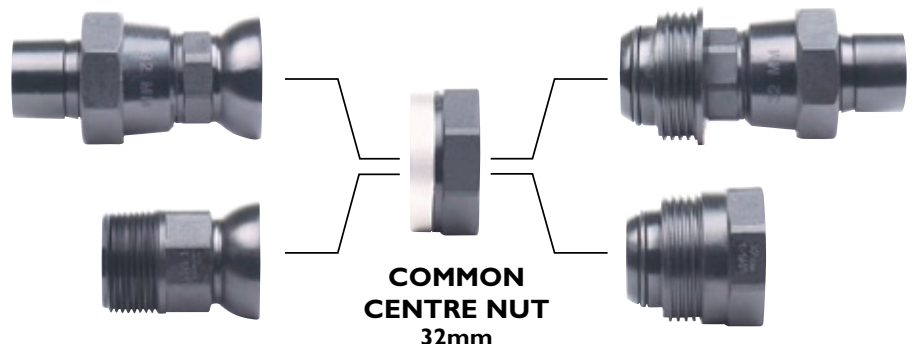
KNUCKLE UNION CONNECTIONS

SOCKET PARTS

POLYTHENE PIPE CONNECTOR - SOCKET PART
 Available in sizes:
 20mm, 25mm, 32mm

BALL PARTS

POLYTHENE PIPE CONNECTOR - BALL PART
 Available in sizes:
 20mm, 25mm, 32mm



MALE THREAD CONNECTOR - SOCKET PART
 Available in sizes:
 20mm, 25mm, 32mm

FEMALE THREAD CONNECTOR - BALL PART
 Available in sizes:
 20mm, 25mm, 32mm