

BREAKAWAY SHEAR COUPLING



Stainless Steel Breakaway Shear Couplings are designed for food grade suction and delivery hoses. In the event of a drive-way where the hose has not been disconnected from the vehicle, the unit protects costly plant and equipment from damage and personnel from injury.

The unit is designed to break away under the axial movement and angular deflection. Safety chains are fitted to the unit to protect the operator from injuries that could occur from improper operation of CIP washing equipment causing pressure spikes.

MANUFACTURED BY GLOSTER ENGINEERING LTD - PATENT PENDING

SPECIFICATIONS	51MM [2"]	65MM [2 1/2"]	76MM [3"]	102MM [4"]	152MM [6"]
AXIAL SHEAR POINT (STANDARD)	846kg 1865.11lbs	846kg 1865.11lbs	846kg 1865.11lbs	1000kg 2204.6lbs	1200kg 2645.5lbs
MAIN BODY	316 Stainless Steel				
MAIN BODY COVER	Acetal				
MAXIMUM WORKING PRESSURE (STANDARD)	10 Bar/145 PSI				
MAXIMUM WORKING TEMPERATURE	85° Celsius/185° Fahrenheit				
VACUUM RATING	Full Vacuum				
ENDS	RJT Standard, Tri-Clover, Flanges or others available on request				
SEALS	Nitrile Seals Standard, EPDM, Viton or others available on request				

A refurbishment service is available and units can be returned for repair and reuse if needed

INSTALLATION & MAINTENANCE

- Confirm compatibility of the seals (FDA3A Nitrile rubber are supplied as standard with others available on request)
- Ensure connecting pipework/equipment is anchored and supported
- Avoid torque, angular or axial load on the coupling when initially installed
- In the event that the coupling breaks apart, spare parts are available however we recommend the coupling is returned and refurbishment is carried out by the manufacturer