

GT SERIES SAFETY BREAKAWAY

The OPW Engineered Systems Safety Breakaway Coupling is designed specifically to provide protection of equipment and people in the event of a drive-away/pull-away event.

Utilizing an innovative double-poppet design, the OPW Safety Breakaway shuts off the flow of liquid in both directions when separated, providing optimum safety during the transfer of hazardous products such as LPG, acids, solvents, petrochemicals, gasses, and other toxic liquids.

Benefits

- **Added Protection of People, Equipment and the Environment** – Double-poppet design automatically shuts off both ends of fluid flow when separated, and since it is designed to separate at any angle when subjected to a designated pull force, the breakaway saves expensive equipment from damage.
- **Durable and Reusable** – Available in a variety of materials, this rugged breakaway can be rebuilt for continued use after a separation.
- **High Flow Rate** – Utilizing a straight-line design, the OPW Safety Breakaway provides minimum flow restriction or pressure drop to deliver the ideal solution for high-flow applications.

Features

- **Available in 316L Stainless Steel, Alloy 20® and Hastelloy® C.**
- **Choice of End Connections** – NPT, BSP, ASME, Flange, and Butt Weld.
- **Order To Specification** – Designed to absorb normal line shock from external overload, shear bolts can be supplied in a variety of sizes and materials to meet specific pressure and load requirements.
- **Rebuild Kits Available** – Coupling can be rebuilt, reset and returned to operation.



Styles may vary by size and material



US Patent #5,699,823; EU Patent #0764809; German Patent #69620525-68

Ordering Specifications

SERIES DESIGNATION	CONSTRUCTION MATERIALS	BREAK DIAMETER	END CONNECTIONS	SIZE	SEAL
GT	Body 6 – Aluminum 7 – 316 Stainless Steel 8 – Alloy 20® 9 – Hastelloy C® Studs 6 – Aluminum 7 – 316 Stainless Steel 8 – Alloy 20® 9 – Hastelloy C®	Example: 120 (.120 in.) 130 (.130 in.) 150 (.150 in.)	A – ASME Flange 150 lbs. B – Female BSP D – DIN Flange N – Female NPT T – ASME Flange 300 lbs. W – Butt Weld Ends AN – 150 FlangeX Female NPT (Specify Each End)	020 – 2"	B – Viton®-B C – Viton®-E E – EPDM V – Viton®-A Y – Kalrez® 4079 Z – Kalrez® 6375

Example: **GT 7 7 120 N A 020 V**