



GAMMON TECHNICAL PRODUCTS, INC.

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**DRY BREAK
QUICK
DISCONNECT**

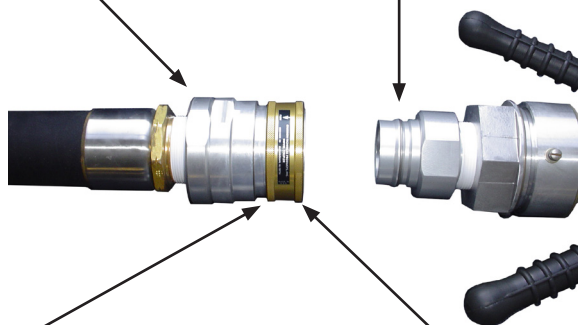
**BULLETIN 31
(04-19)**

HEAVY DUTY DRY BREAK QUICK DISCONNECT WITH STAINLESS STEEL BALL RACE RING TO RESIST WEAR

Fast change from **OVERWING** to **UNDERWING** nozzle
NO SPILL FROM HOSE

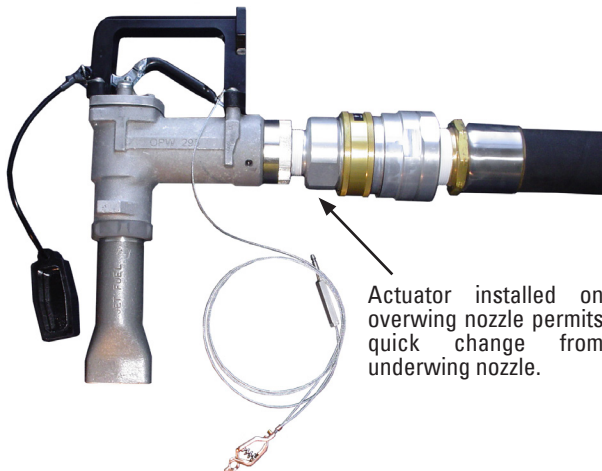
Swivel Coupler Internal
Positive Valve snaps
shut when nozzle is
removed.

Actuator forces coupler
valve open when it
is pushed inward for
assembly.



Safety lock ring
prevents accidental
retraction of collar.

To make a connection,
the spring loaded collar is
pulled back, then released
when actuator is inserted.



Actuator installed on
overwing nozzle permits
quick change from
underwing nozzle.

FAST OPERATION

Connect or disconnect in seconds, without tools. To connect, pull back the sleeve, push the connector into the coupler, and release the sleeve. To disconnect, pull back the sleeve coupler and connector halves separate. The valve opens automatically when the halves are connected.

DEPENDABLE OPERATION

The ball-lock mechanism is the simplest, most reliable type in use, providing positive connection under constant or surge flow - even excessive shock. Ball bearing sleeve lock permits 360° swivel action, preventing build-up of hose torque. Hardened stainless steel balls give extra long service. Stainless steel ball race resists wear for longer life.

Molded U-Packer seal provides contact over several times the normal O-ring sealing area. Its design embodies a self-energizing feature that gives a positive seal at all pressures. This seal is capable of sealing under side loads and will tolerate small scratches and some dirt without leakage.

TIGHT SEAL DISCONNECTED

The poppet has a metal-to-metal stop to control compression on the valve O-ring seal. The seal is recessed and wedged in the couple body to keep it in place. The stop also prevents poppet blow-out.

LOW PRESSURE DROP DESIGN

1 1/2" size: 2.6 psi at 50 gpm
2" size: 2.9 psi at 100 gpm

FLOW RATES

1 1/2" size: maximum 60 gpm/225 lpm
2" size: maximum 100 gpm/375 lpm

All couplers and actuators are made of aluminum unless stated otherwise. They are **NOT** designed for suction service.

HOW TO ORDER

SWIVEL COUPLERS

1½" COUPLER



GTP-919-1
GTP-919BSP



GTP-1768
Dust Plug with Chain

2" COUPLER



GTP-917-1
GTP-917BSP



TL-1652
Dust Plug with Chain

ACTUATORS FOR GTP-919-1



Female
GTP-920-1 1½" NPT
GTP-920-4 1½" BSP



Male
GTP-920-2 1½" NPT
GTP-920-3 1½" BSP



Male
GTP-920-3S 1½" BSP
Stainless Steel



GTP-1428
Dust Cap with Chain



GTP-1534
24 x 110 mesh stainless steel
Optional strainer for all 1½" actuators,
except GTP-920-3S

For strainer and actuator assembly,
order **GTP-1510**

MALE ACTUATORS FOR GTP-917-1



GTP-918-1 1½" NPT
GTP-918-3 1½" BSP



GTP-918-2 2" NPT
GTP-918-4 2" BSP



GTP-1653
Dust Cap with Chain