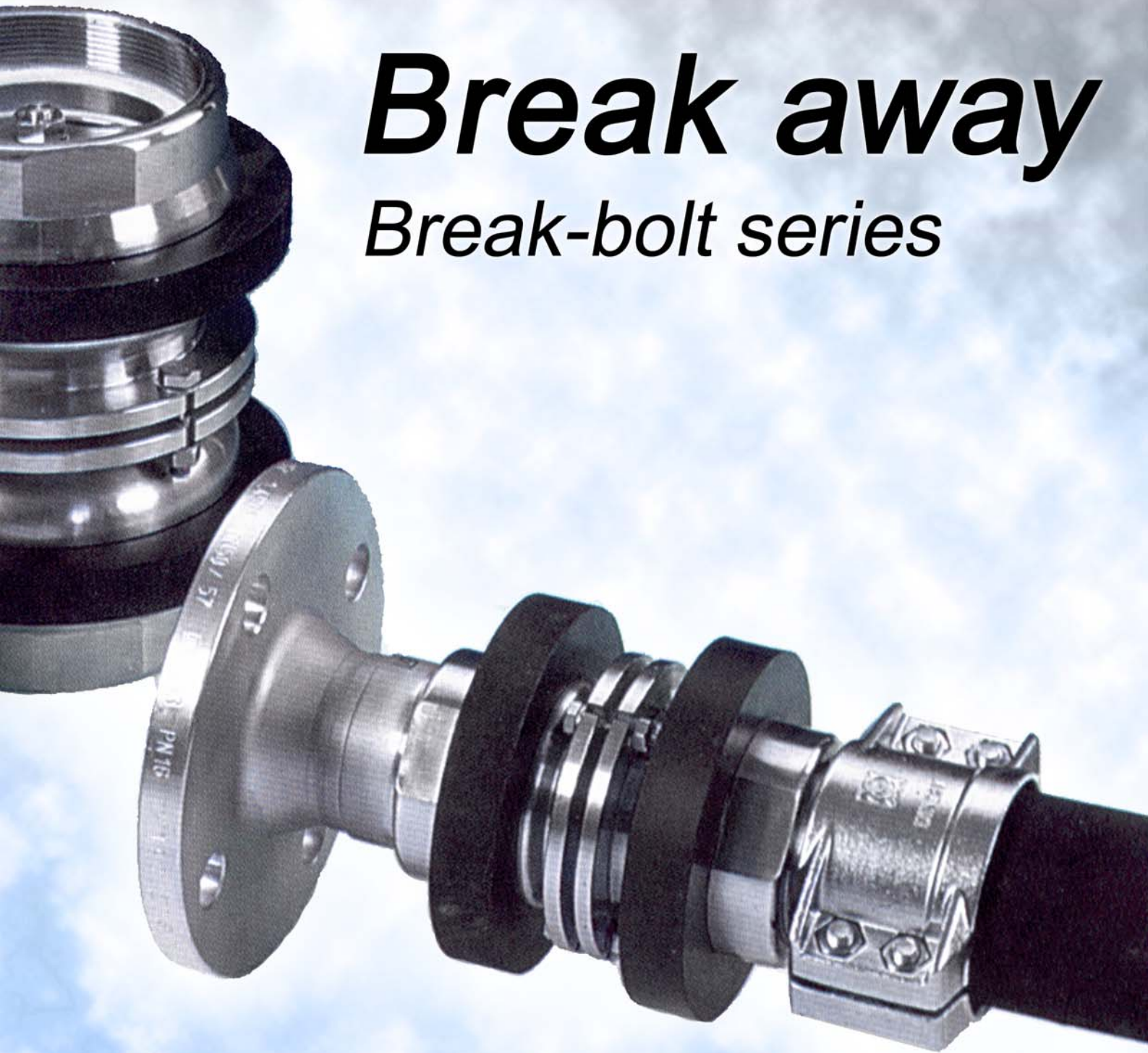
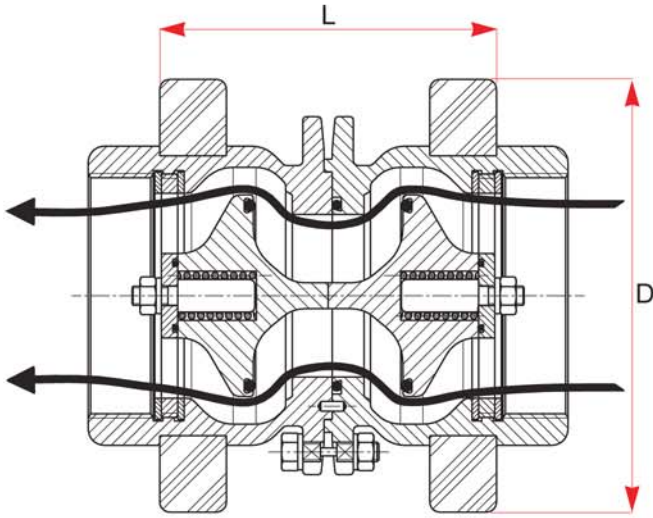


Break away

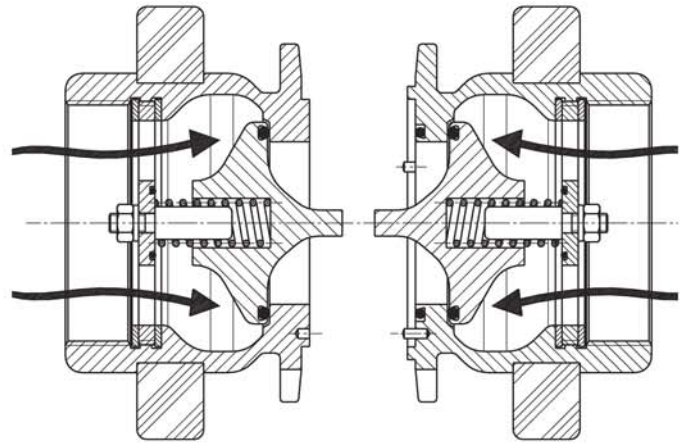
Break-bolt series



- Hi flow rate / low pressure drop
- Valves in both halves close automatically before the main fluid seal releases to atmosphere
- Easy to re-set on site with one person
- WP: PN 16



Series of ABV before emergency disconnect
(ABV-Serie vor Nottrennung)



Series of ABV after emergency disconnect
(ABV-Serie nach Nottrennung)

Break-away coupling Nottrennkupplung

Typ type	DN	Female BSP thread, ASSPT on request IG BSP (G-ISO 228), ASSPT Gewinde auf Anfrage	D (mm)	L (mm)	Weight (kg)* Gewicht
ABV	50	2"	95	123,5	2,5
	65	2 1/2"	110	147,5	4,8
	80	3"	128	174,5	5,9
	100	4"	145	200	9,0

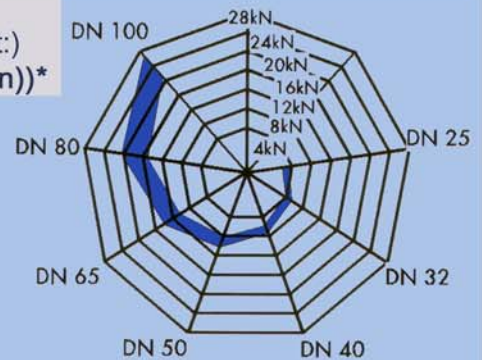
Additional Nominal diameters on request
Weitere Grössen auf Anfrage

The break-away coupling is designed for the following forces:

(Die Nottrennkupplung ist auf folgende Kraftverhältnisse ausgelegt:)

DN	Fx (Hose (Schlauch))*	Fx (Bolts (Bolzen))*
25	2,2	-
32	5,2	4,0
40	7,5	5,7
50	10,3	7,9
65	14,2	10,9
80	20,7	15,9
100	27,9	21,4

* Tension forces in kN (Zugkraft in kN)



Material*: Aluminium, Brass, Stainless Steel AISI 316 TI, O-rings FPM (Viton); other materials on request
Flat seals in PUR (Vulkollan) or PTFE (Teflon)

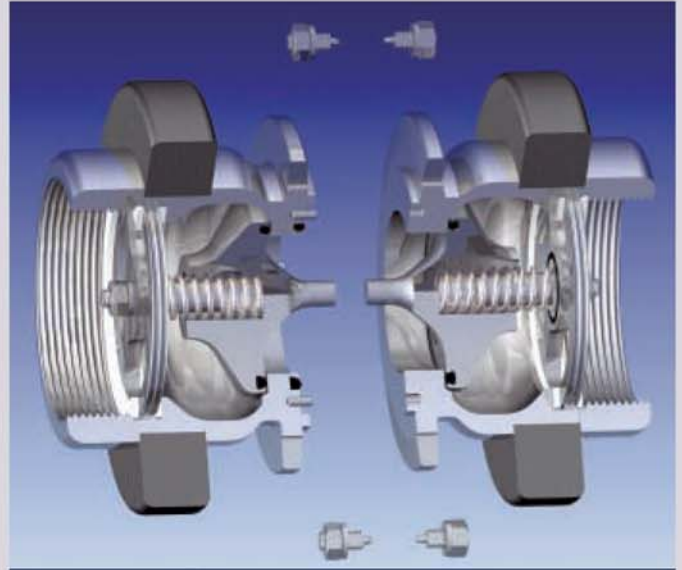
Aluminium, Messing, Edelstahl 1.4571/1.4401, O-Ringe FPM (Viton); andere Werkstoffe auf Anfrage
Gewindedichtung PUR (Vulkollan) oder PTFE (Teflon)

Working pressure (Betriebsdruck): PN 16

*Values for stainless steel/werte für Edelstahl
Subject to change without notice



Series of ABV before emergency disconnect
(ABV-Serie vor Nottrennung)



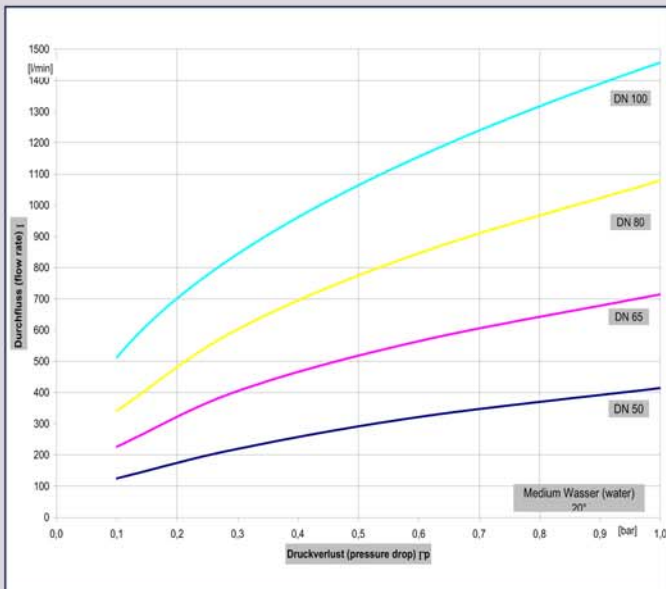
Series of ABV after emergency disconnect
(ABV-Serie nach Nottrennung)

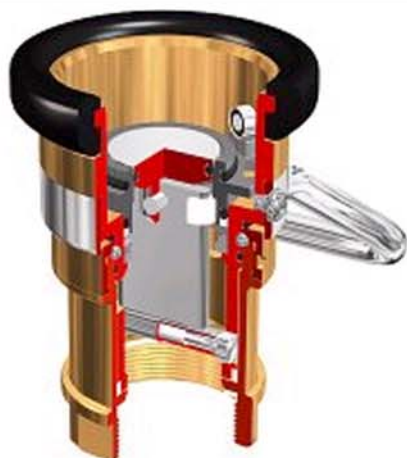
Functioning

The coupling disconnects if the forces exceed the specified level. After disconnection the valves close. This prevents spillage.

Funktionsweise

Die Kupplung trennt, wenn die Kräfte eine definierte Schwelle überschreiten. Nach der Trennung schließen die Ventile und verhindern auf der Schlauch- und Rohrseite ein Auslaufen des Mediums.





DD Coupling®

Dry Disconnect Coupling.
3/4" to 4", PN 10 - PN 25.
Material: Aluminium, Brass-Gunmetal,
Stainless Steel and PEEK.
Other materials on request.
According to NATO standard
STANAG 3756.



Break away, breaking pins

Aluminium, Brass, Stainless Steel, PN 16.
1½" to 4", female threads,
with breaking pins.



Break away, cable release

Stainless Steel, PN25.
1½" to 4", female threads.
6" to 8", flanged connection.



Swivel joints

3/4" to 4", PN 10 - PN 25.
Materials: Aluminium, Brass-Gunmetal,
Stainless Steel.
Other materials on request.
Connection: BSP, NPT.



Full Flow - Ballvalves

2" to 4", PN 10, Aluminium.
Ballvalve and 2-way Ballvalve.
Made for Petroleum Tank Trucks.
Variations of flange connections.