upg PIPE SYSTEMS

REINERT-RITZ



Quick-Twist
Flange to Spigot End

Ultimate Solutions.
Intelligent Delivery.

QUICK-TWIST FLANGE TO SPIGOT END

Flanges: VP flange with Stainless Backing Ring one side with integrated rubber seal O-ring to PE Stub Flange with Stainless Steel AS4087 backing ring on other side.

- Fully pressure loadable
- Both made of high-strength plastic
- O ring seal is on rotating end to ensure gasket don't move
- Gasket on other end

Internal Seal: Depending on the application but standard is:

- EPDM for water
- NBR for wastewater

Equipment: Supplied with a C spanner or you can use your own adjustable C spanner

Flange: DIN EN 1092-1

DVGW for HP flange and special flange VP:
DV-8606BT0423 (Ø 75 mm - Ø 225 mm)
DV-8611BT0424 (Ø 250 mm - Ø 630 mm)

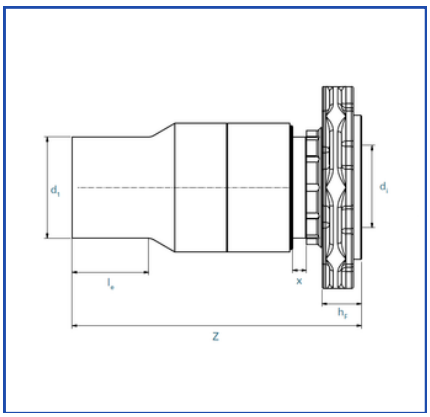
O-Ring: DIN EN 681-1
Z in centre position

Tolerances:
Z --> Tab./tab. 1

Specifications	Details
Assembly method	One-twist mechanism (replaces threaded rods and adjusting nuts)
Installation time	More than 50% faster than traditional metal dismantling joints
Material construction	100% plastic – corrosion resistant and lightweight
Handling	Far easier to move around compared to heavy metal alternatives
Fixed-side flange	Stainless Steel AS4087 for outstanding connection and sealing at nominal diameter - gasket required
Loose-side flange	VP flange with Stainless Steel AS4087 backing ring and integrated O-Ring seal for maximum reliability
Durability	Plastic construction is robust and durable despite light weight
Length adjustment	Simple twist mechanism – no screwing required
Dismantling	Quick and easy removal using the same twist mechanism
Pipe connection options	Spigot end (for electrofusion or butt welding) or VP flange option
Application versatility	Identical technical design for water and wastewater applications
Application identification	Colour-coded labels for immediate visual identification
Sustainability	Corrosion-free plastic reduces long-term maintenance and replacement
Cost advantage	Time savings in installation and removal represent tangible economic advantage

QUICK-TWIST FLANGE TO SPIGOT END





SDR	>41	33	26	21	17.6	17	13.6	11	9	7.4	6	>5

Product code	DN	PN	d_1	Z	Z tolerance	h_F	l_e	d_i at PFA 16 bar	d_i at PFA 10 bar
RRQTFS-063-DN50	50	10/16	63	283	±15	38	80	46	50
RRQTFS-075-DN65	65	10/16	75	290	±15	38	80	55	60
RRQTFS-090-DN80	80	10/16	90	305	±15	40	80	72	77
RRQTFS-110-DN100	100	10/16	110	315	±15	43	83	90	97
RRQTFS-125-DN100	100	10/16	125	315	±15	43	88	90	97
RRQTFS-140-DN125	125	10/16	140	325	±15	48	93	113	119
RRQTFS-160-DN150	150	10/16	160	370	±15	53	98	135	145
RRQTFS-180-DN150	150	10/16	180	375	±15	53	105	135	145
RRQTFS-200-DN200	200*	10	200	405	±15	53	112	–	185
RRQTFS-225-DN200	200*	10	225	405	±15	53	120	–	185
RRQTFS-250-DN250	250*	10	250	445	±15	57	132	–	235
RRQTFS-280-DN250	250*	10	280	445	±15	57	142	–	235

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