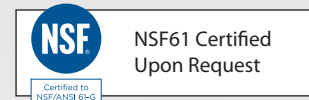


R F C A

RESTRAINED FLANGE COUPLING ADAPTER

The Romac RFCA is the simple way to connect and restrain flanged fittings, valves, meters and other equipment to plain end pipe. The RFCA provides flexibility before and after installation, replacing costly concrete thrust blocks, corrodible steel tie-rods and clamps.



Meets AWWA C219

INTEGRATED RESTRAINT

The plain-end is held in place with Romac's RomaGrip™. UL rated and FM approved, the RomaGrip™ restraint is the same field-tested restraint system in use in water systems around the world.

SIMPLE INSTALLATION

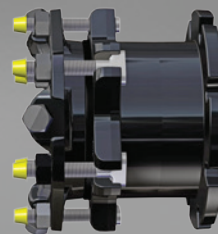
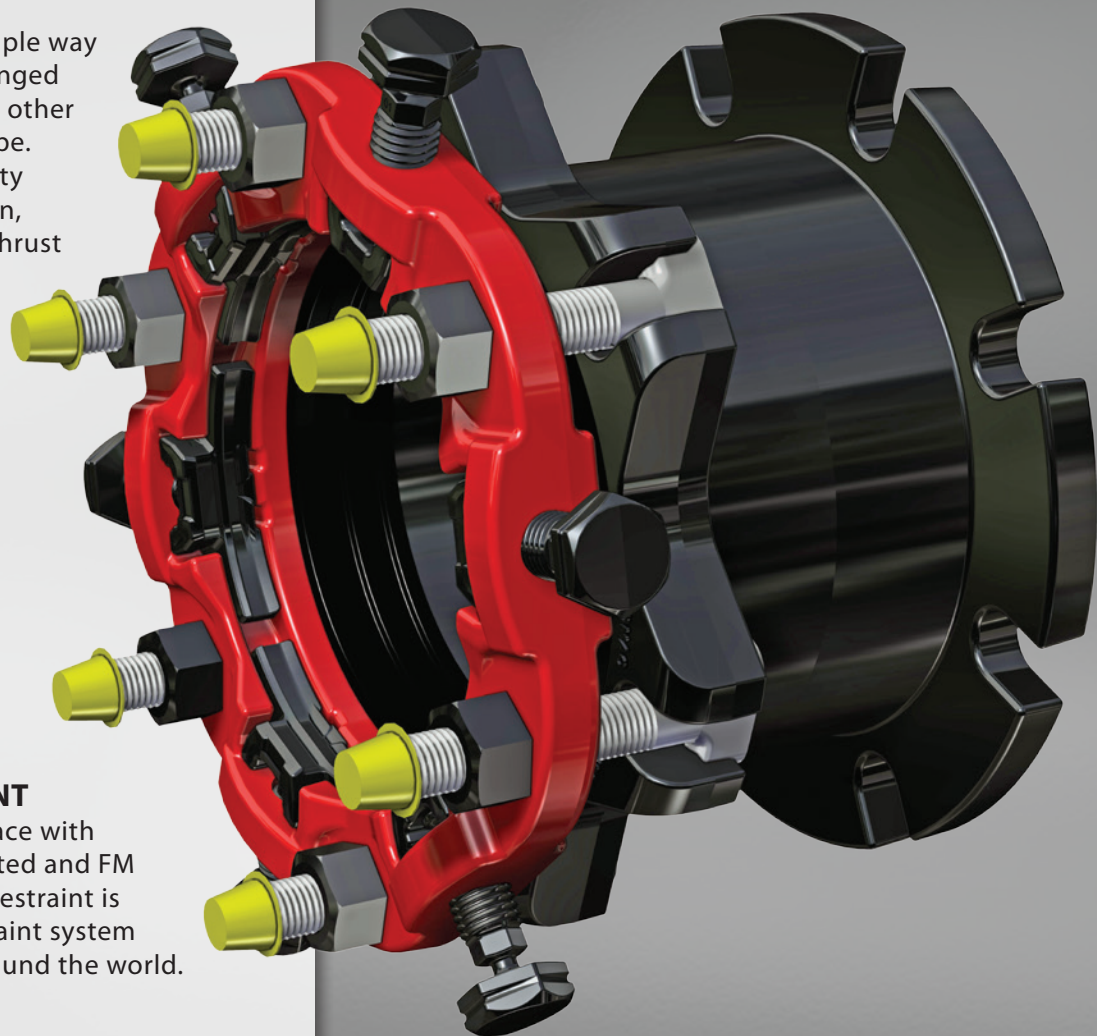
The RFCA features a simple Stab-Fit installation which doesn't require any disassembly while assembling the joint.

BUILT-IN RANGE

RFCA sizes 3" - 12" have a built-in range which accommodates IPS size through ductile iron size pipe diameters. The flange connection is provided by a ductile iron flange body, complete with an O-ring gasket that seals the connecting flange.

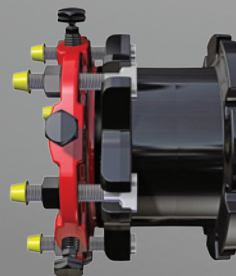
MADE IN THE U.S.A.

Romac RFCAs are cast, assembled, coated, assembled and packaged by Romac Industries in the U.S.A.



RFCA - for use on

- DI pipe: 3" - 24"
- IPS size STD steel pipe: 3" - 12"

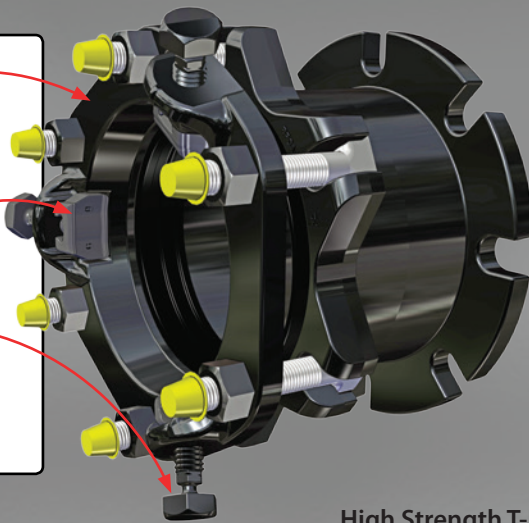


PVC-RFCA - for use on

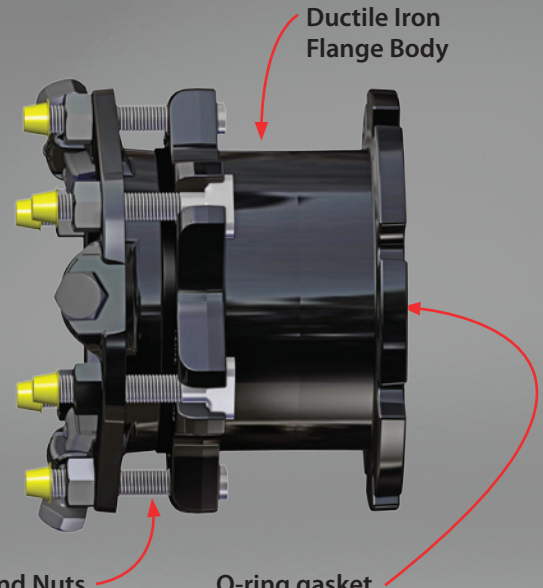
- IPS size PVC pipe: 3" - 12"
- DI size PVC pipe: 3" - 12"
- C905 DI size PVC pipe: 14" - 24"

RomaGrip™ gland provides restraint

- Special heat treated radial restraining pads increase their grip as pressures increase.
- Radial bolt heads twist off precisely when the proper torque has been applied.



High Strength T-bolts and Nuts secure the RomaGrip to the Flange Body



O-ring gasket seals against the connecting flange.

RFCA MATERIALS

Flange Body: Ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12. Flange meets the dimensional requirements of ANSI Class 125 and 150 bolt circles.

Gaskets: Compounded for water and sewer service in accordance with ASTM D 2000 (Flange gasket is o-ring style, NBR standard). Other compounds available for petroleum, chemical, or high temperature service.

Gland: Romac RomaGrip™

Restraining Lugs: Ductile (nodular) iron, meeting or exceeding ASTM A 536. Heat treated using a proprietary process.

T-bolts and Nuts: High strength low alloy steel T-head bolt. National coarse rolled thread and heavy hex nut. Steel meets AWWA C111 composition specifications. Stainless steel bolts and nuts available on request.

Coatings: Shop coat applied to cast parts for corrosion protection in transit. Fusion bonded epoxy and Romabond Polyester available on request.

NOMINAL PIPE SIZE	GASKET RANGE	APPROX. WEIGHT (lbs.)	LENGTH
3"	3.50 - 3.96	25	8.00"
4"	4.50 - 4.80	31	9.00"
6"	6.63 - 6.90	41	9.25"
8"	8.63 - 9.05	53	9.25"
10"	10.75 - 11.10	83	10.25"
12"	12.75 - 13.20	110	10.25"
14"	15.30	170	11.70"
16"	17.40	200	11.70"
18"	19.50	217	11.80"
20"	21.60	256	11.80"
24"	25.80	305	12.00"