



شرکت دانش بنیان مه راد صنعت خلاق (رادکو)

## Pipeline Repair Products

High Pressure & High Temperature  
Offshore & Onshore Pipeline

**MahRad Sanat Khallagh co (RADCO), Ltd**

### Main Office:

Science and Technology Park

Qazvin, Iran

P.O.BOX 3471991831

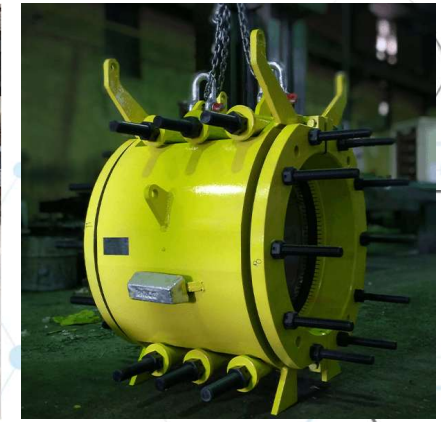
### Manufacturing Workshop:

Caspian Industrial Estate

Qazvin, Iran

P.O.BOX 3445183141

**EPRS Brochure**



## Pipeline Repair Products

# PRODUCT DETAIL

RADCO

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## MATERIAL SPECIFICATIONS:

ASTM A106, ASTM A516, ASTM A216

ASTM A105, ASTM A694 FORGING, AISI 4140

**Elastomer Seals:** HNBR, Viton or Buna-N

**Studs & Nuts:** ASTM A193 Gr. B7, A194 Gr. 2HM heavy hex nuts

**Coating:** Epoxy / Col Tar Epoxy/ Mastic Epoxy/ Glass Flake Epoxy

## DESIGN PARAMETERS:

**Nominal Pipe Size (NPS):** any API Specification 5L pipe and wall thickness

**Service:** Standard (i.e. crude oil, natural gas, hydrocarbons, water, chemical, etc.)

**Design Pressure Rating:** up to ANSI Class 2500

**Hydrostatic Test Pressure :** 1.2-1.5 times Design Pressure Rating

**Design Life:** 25 years

## APPLICABLE DESIGN CODES & STANDARDS:

ASME Section VIII, Division 1 and 2

ASME B31.4, ASME B31.8

ASME B18.2.1,

API SPEC 5L,

ASME PCC-2,

DNV-OS-F101, DNVGL-RP-F113,

API SPEC 6H,

NACE MR0175, ISO 15156.

## CERTIFICATIONS:

IPICB Oil & Gas Type Approval Certificate

ISO 9001:2015– Accredited by BRSM Quality Management



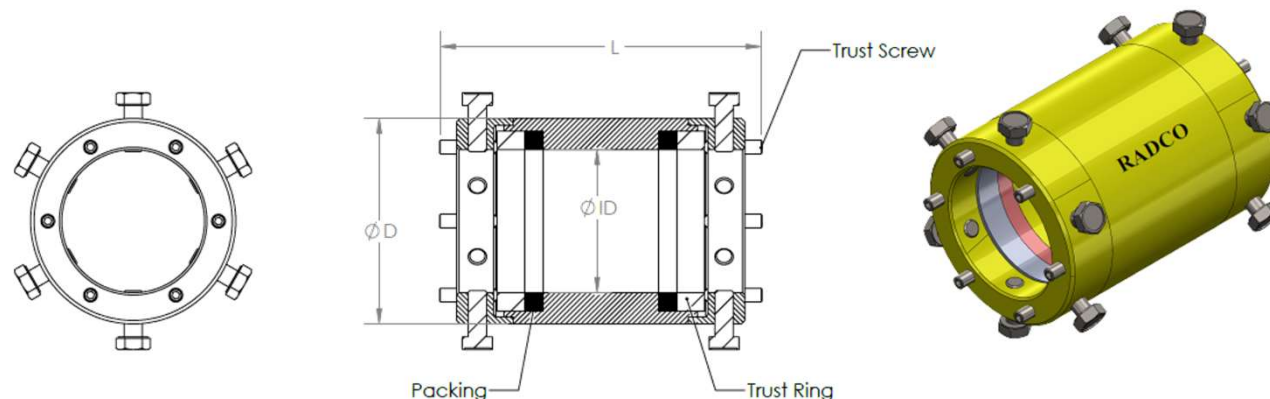
# Weld Ends Coupling

RADCO

Brochure

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Weld Ends Coupling are used to quickly join pipe to resume operation immediately so that costly downtime is avoided. RADCO couplings are easy and safe to install for many applications.



|                |                                               |
|----------------|-----------------------------------------------|
| <b>Service</b> | <b>Oil / Gas/ Condensate/ Water/ Chemical</b> |
|----------------|-----------------------------------------------|

|                                |                |
|--------------------------------|----------------|
| <b>Nominal pipe size (NPS)</b> | 4 inch~56 inch |
|--------------------------------|----------------|

|                             |                                     |
|-----------------------------|-------------------------------------|
| <b>ANSI Pressure Rating</b> | ASME/ANSI B16.5 , 16.47 #150 ~#2500 |
|-----------------------------|-------------------------------------|

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| <b>Main Body Material</b> | ASTM A105/ASTM A 516/ ASTM A694/ ASTM A106 For any other requirement contact RADCO |
|---------------------------|------------------------------------------------------------------------------------|

|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| <b>Inboard seal</b> | Buna-N packing is standard. HNBR, Viton, Silicone and other packings are available upon request. |
|---------------------|--------------------------------------------------------------------------------------------------|

|                |                                     |
|----------------|-------------------------------------|
| <b>Coating</b> | Epoxy / Col Tar Epoxy/ Mastic Epoxy |
|----------------|-------------------------------------|

Pipeline Nominal Size (in)

|     |   |   |    |     |    |    |    |     |    |    |    |     |    |    |    |      |    |    |    |      |    |
|-----|---|---|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|------|----|----|----|------|----|
| 4   | 6 | 8 | 10 | 12  | 14 | 16 | 18 | 20  | 22 | 24 | 26 | 28  | 30 | 32 | 34 | 36   | 38 | 40 | 42 | 48   | 56 |
| 150 |   |   |    | 300 |    |    |    | 600 |    |    |    | 900 |    |    |    | 1500 |    |    |    | 2500 |    |

ANSI Rating

Product details for any sizes and ANSI ratings will be issued upon client request.