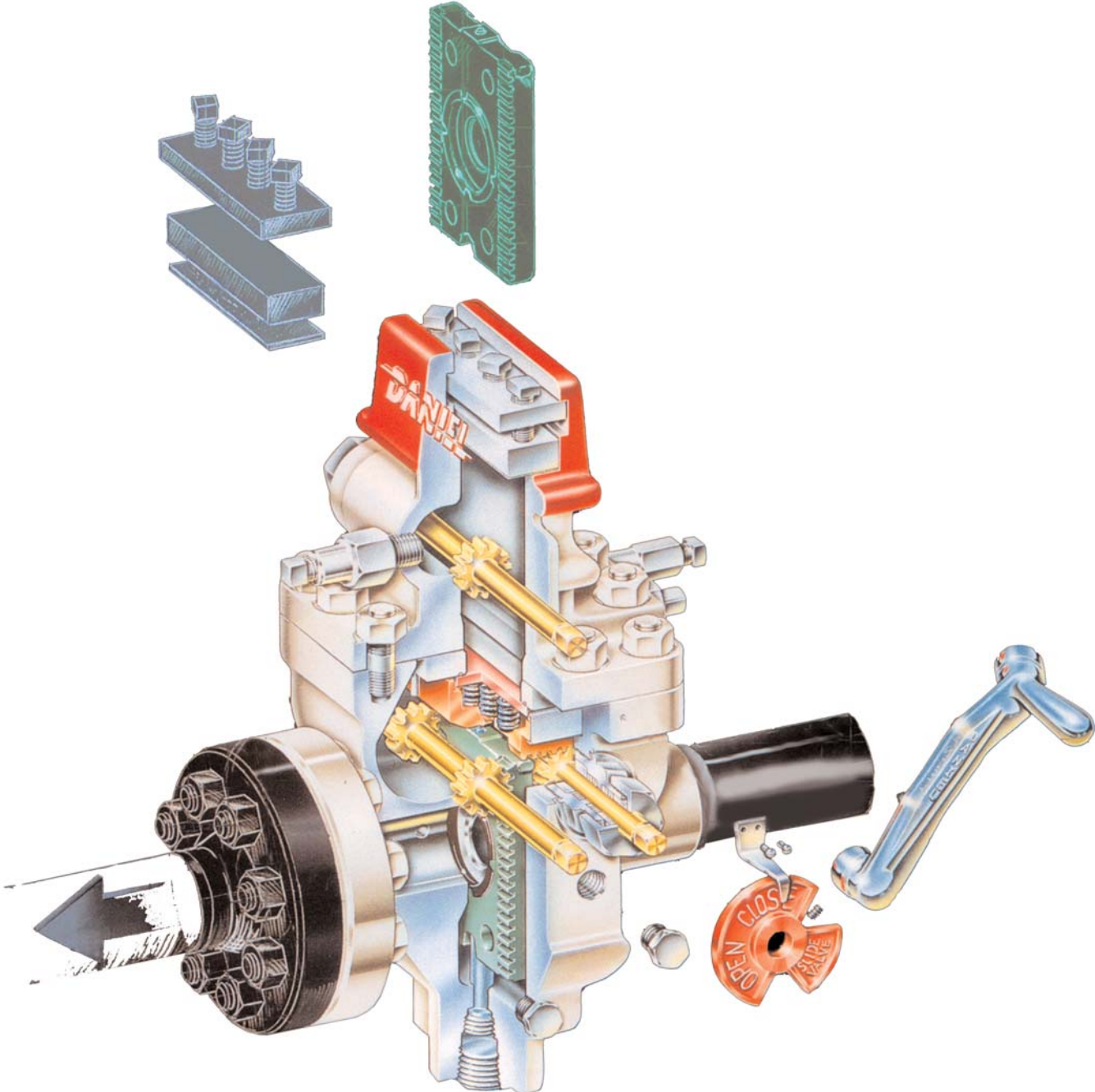


Daniel® Senior® Orifice Fitting



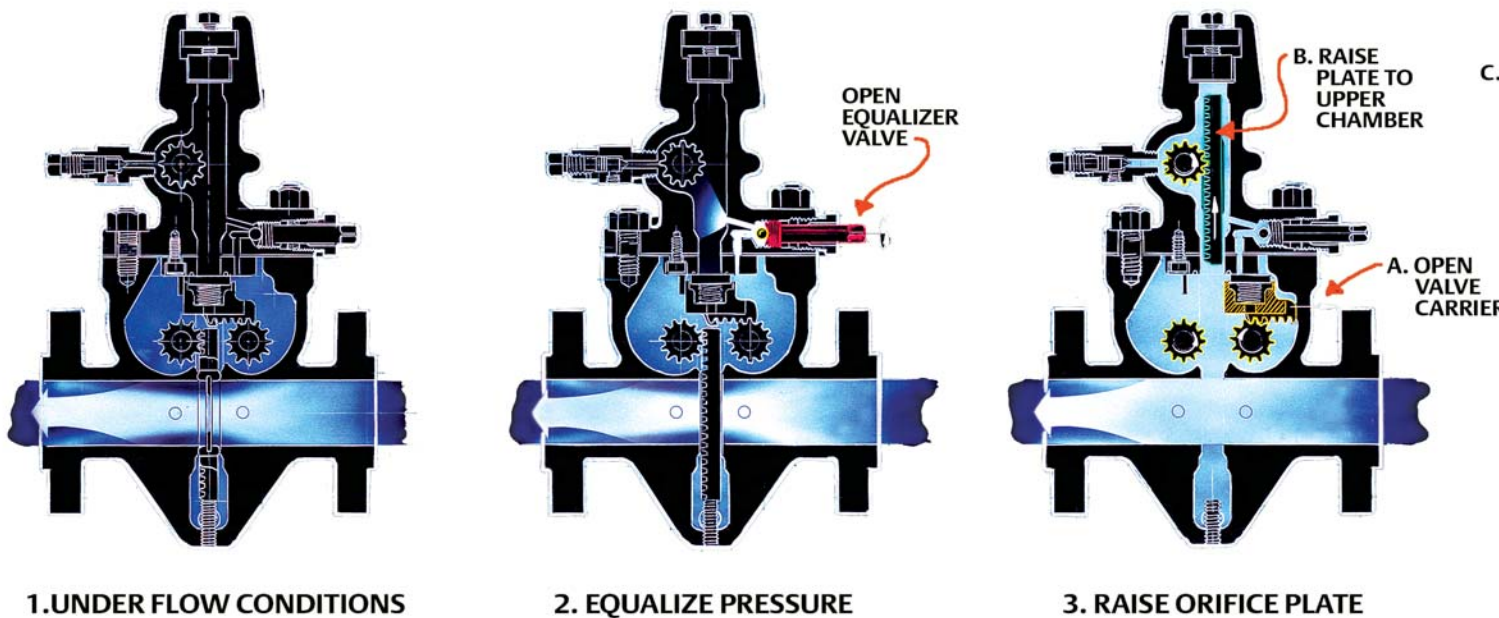
The Daniel® Senior® Orifice Fitting provides a fast and extremely simple method of changing orifice plates under pressure without interrupting the flow. This eliminates costly by-passes, valves and other fittings required with conventional orifice flange installations. The many outstanding features found only in Daniel Senior Fittings are the result of many years of flow measurement experience and research. The term "Senior" applied to an orifice fitting specifically denotes the Daniel designed dual-chamber orifice fitting.

Today, the Senior Orifice Fitting is one of many measurement products supplied by Daniel. And, because of Daniel's commitment to high quality manufacturing and service, the Senior Orifice Fitting is widely accepted around the world as the industry standard for accuracy, quality and reliability.

Since its original development, the Senior Orifice Fitting product line has grown enormously to serve customers with applications for pipeline sizes from 2 inches to 48 inches and pressure ratings up to 10,000 pounds per square inch. In addition, the use of corrosion resistant and other special materials makes these products suitable for sour gas service and other special applications.

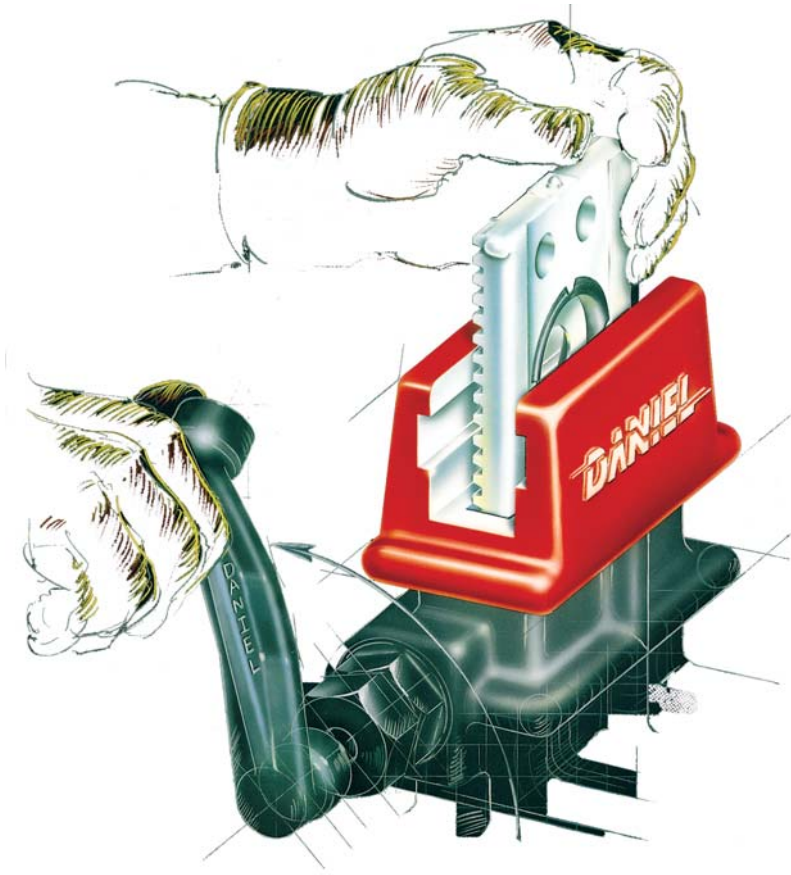
Daniel's most popular Senior Orifice Fitting, the "Flangnek™," has a weldneck inlet and a flanged outlet. Daniel fittings meet or exceed API Chapter 14, Section 3, Part 2 (14.3/AGA 3) requirements. They are usually furnished with Daniel Meter Tubes, which are designed and manufactured under a controlled fabrication environment to assure that customer and code specifications are met.

Operational sequence of removing

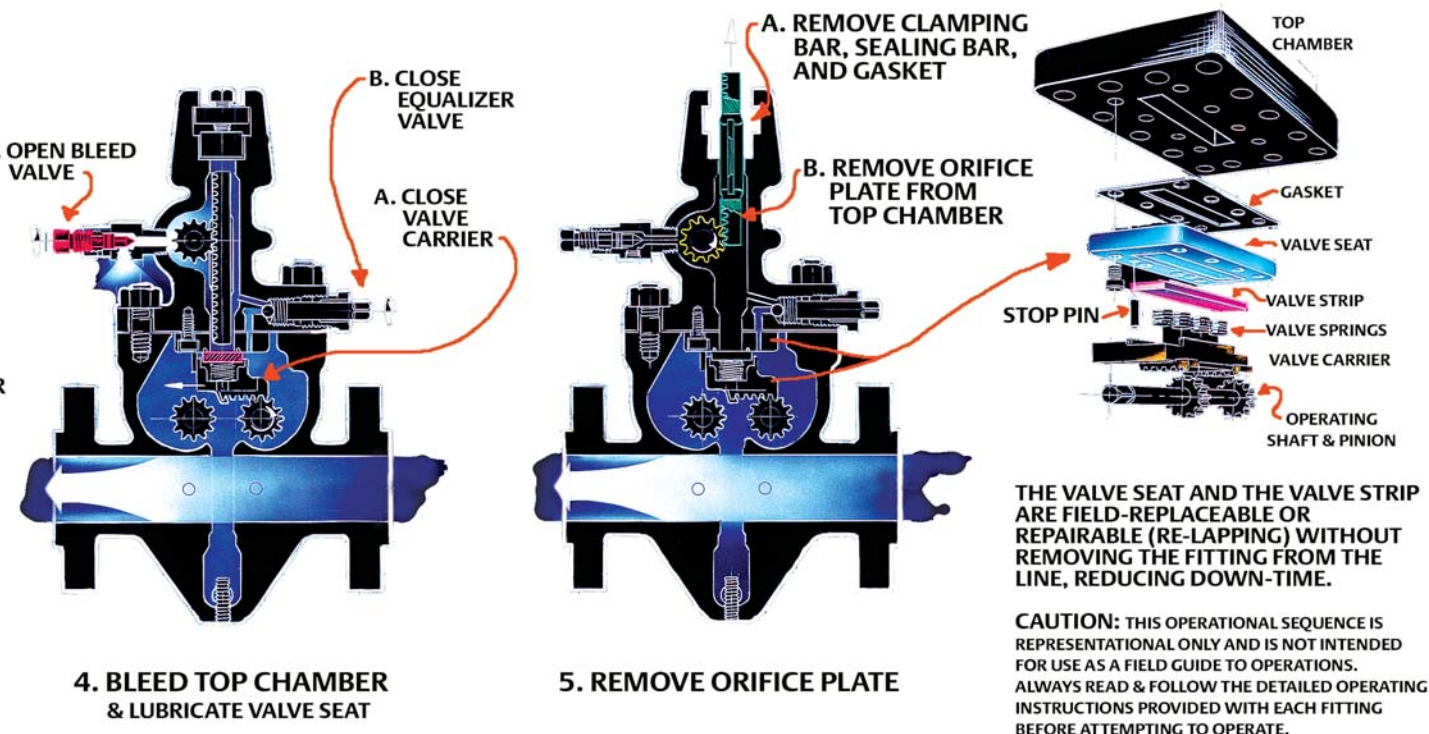


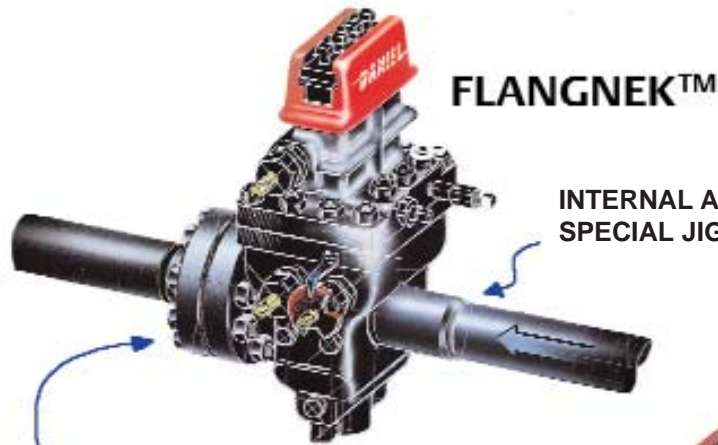
The Daniel® Senior® Orifice Fitting

- Proven technology
- High reliability
- Unsurpassed accuracy
- Extensive product range



g an orifice plate under pressure

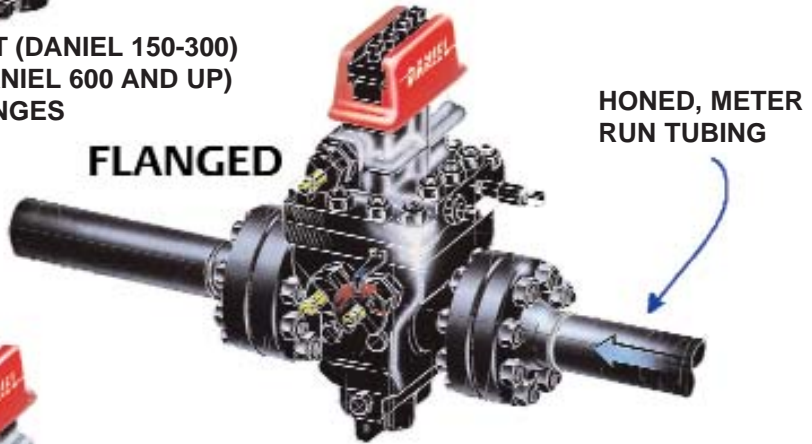




FLANGNEK™

INTERNAL ALIGNMENT ASSURED BY SPECIAL JIG FIXTURES

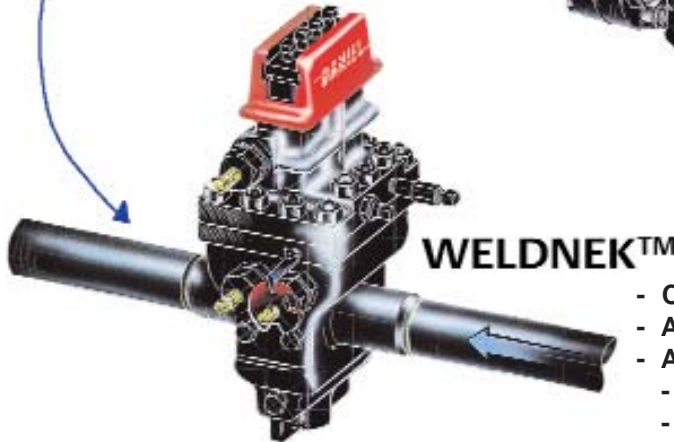
THREE PIN DOWELLED ALIGNMENT (DANIEL 150-300) OR MALE/FEMALE ALIGNMENT (DANIEL 600 AND UP) BETWEEN FITTING AND TUBE FLANGES



FLANGED

HONED, METER RUN TUBING

ALL WELDS GROUND SMOOTH INTERNALLY



WELDNEK™

- CONTROLLED FABRICATION ENVIRONMENT
- ASME QUALIFIED WELDERS
- AVAILABLE OPTIONS:
 - RADIOGRAPHY
 - HYDROSTATIC TESTING
 - SPECIAL PAINT SYSTEMS
 - FLOW CALIBRATION

MEETS OR EXCEEDS API CHAPTER 14, SECTION 3, PART 2 (14.3 / AGA 3)

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