



# OFF COUPLERS

When the pump is stuck, the BAIRD OFF COUPLER is used to prevent a stripping job. The OFF COUPLER allows you to unscrew the rods at the pump; (left hand threads) allowing the rods to be removed, followed by the pump with the tubing. This is for standard-size pumps only.

- Can be used to save a stripping job.
- Can be used as a coupler to break the rod string at that point.
- Can reduce magnetism and electrolysis when the bronze off coupler is used (Bronze is Non-API recognized).

The right hand threads allow you to "get off" the pump or break the sucker rods when used in place of a standard coupler.

## DIMENSIONS:

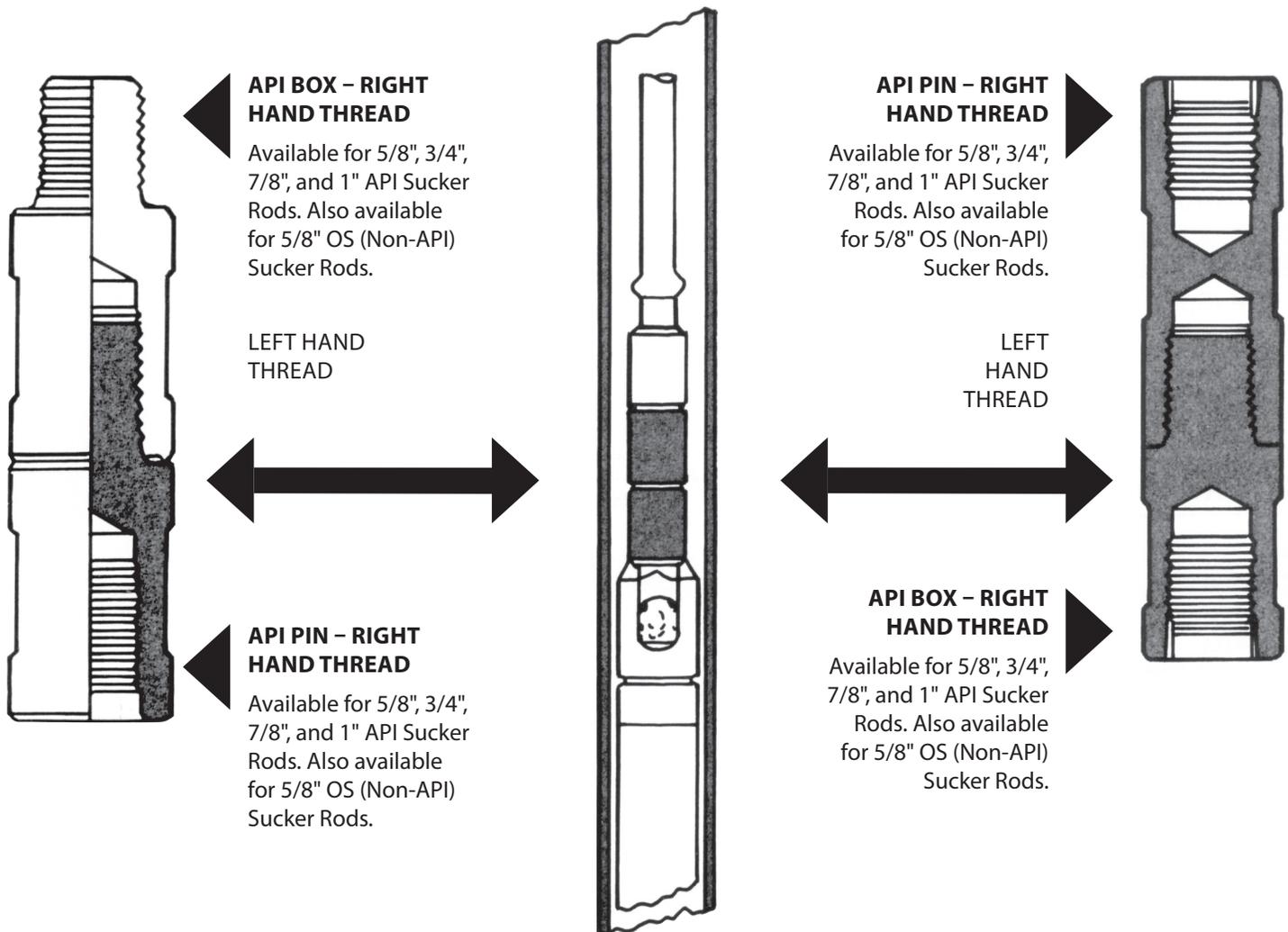
The O.D. and the length of the Off Coupler conform to API Spec 11B for full size coupling (See Table 4.1).

## ROCKWELL HARDNESS:

Conforms to API Spec 11 B for Steel Sucker Rod Couplings (See table 4.3); Class: T Rockwell C: 16 min. to 23 max.

## TUBING SIZE:

Information shown in this brochure is from API spec 11B, Table 4.1 for full size couplings (Chart Bottom Page 13).



# OFF COUPLERS



PART NUMBER	FOR SUCKER ROD	DIMENSIONS OD (A)    LENGTH (B)	USED WITH MINIMUM OD TUBING	PIN SIZE OR BOX SIZE
<b>STEEL OFF COUPLER, BOX &amp; PIN STYLE</b>				
161-8801	5/8" OS*	1-1/2"    6-3/8"	2-1/16"	7/8" OS*
161-8802	5/8" API	1-1/2"    6-3/8"	2-1/16"	15/16" PIN
161-8803	3/4" API	1-5/8"    6-5/8"	2-3/8"	1-1/16"
161-8804	7/8" API	1-13/16"    6-5/8"	2-7/8"	1-3/16"
161-8805	1" API	2-3/16"    7-7/8"	3-1/2"	1-3/8"
161-8821	1" API	2-3/16"    7-7/8"	3-1/2"	1-3/16" BOX x 1-3/8" PIN
<b>BRONZE ALLOY ** OFF COUPLER, BOX &amp; PIN STYLE</b>				
162-8811	5/8" OS*	1-1/2"    6-3/8"	2-1/16"	7/8" OS*
162-8812	5/8" API	1-1/2"    6-3/8"	2-1/16"	15/16"
162-8813	3/4" API	1-5/8"    6-5/8"	2-3/8"	1-1/16"
162-8814	7/8" API	1-13/16"    6-5/8"	2-7/8"	1-3/16"
162-8815	1" API	2-3/16"    7-7/8"	3-1/2"	1-3/8"
<b>STEEL OFF COUPLER, BOX &amp; BOX STYLE</b>				
161-8806	5/8" OS*	1-1/2"    6-7/8"	2-1/16"	7/8" OS*
161-8807	5/8" API	1-1/2"    6-7/8"	2-1/16"	15/16"
161-8808	3/4" API	1-5/8"    7-1/8"	2-3/8"	1-1/16"
161-8809	7/8" API	1-13/16"    7-1/8"	2-7/8"	1-3/16"
161-8810	1" API	2-3/16"    8-3/8"	3-1/2"	1-3/8"
<b>BRONZE ALLOY ** OFF COUPLER, BOX &amp; BOX STYLE</b>				
162-8816	5/8" OS*	1-1/2"    6-7/8"	2-1/16"	7/8" OS*
162-8817	5/8" API	1-1/2"    6-7/8"	2-1/16"	15/16"
162-8818	3/4" API	1-5/8"    7-1/8"	2-3/8"	1-1/16"
162-8019	7/8" API	1-13/16"    7-1/8"	2-7/8"	1-3/16"
162-8820	1" API	2-3/16"    8-3/8"	3-1/2"	1-3/8"

\*\*Other Material: Bronze is available when there is a need to reduce magnetism and the conduction of electrolysis. Alloy 360 ASTM-B-16 (Non-API material)

\* NON API

◀ CONFORMS TO API SPEC 11 B FOR FULL-SIZE SUCKER RODS ▶

NORMAL COUPLING SIZE*	OUTSIDE DIAMETER A	LENGTH MINIMUM B	LENGTH WRENCH FLAT	SPACE BETWEEN WRENCH FLATS 0-1/32	USED WITH MINIMUM OD TUBING
<b>FULL SIZE COUPLINGS AND SUBCOUPLINGS</b>					
5/8"	1-1/2"	4"	1-1/4"	1-3/8"	2-1/16"
3/4"	1-5/8"	4"	1-1/4"	1-1/2"	2-3/8"
7/8"	1-13/16"	4"	1-1/4"	1-5/8"	2-7/8"
1"	2-3/16"	4"	1-1/2"	1-7/8"	3-1/2"
1-1/8"	2-3/8"	4-1/2"	1-5/8"	2-1/8"	3-1/2"

\* ALSO SIZE OF ROD WITH WHICH COUPLING IS TO BE USED.