

IJ BOW

INTEGRAL JOINT BOW SPRING CENTRALIZER

FOR STANDARD TOLERANCE CASING-IN-CASING PROGRAMS



- Designed for Under-Reamed/Bi-Center Bit Applications
- Compound Bow Design Minimizes Starting and Running Forces While Providing High Restoring Force
- Provides Excellent Standoff Where Other Centralization Cannot be Used
- Integral to the Casing for High Strength
- Locking Internal Sleeve Exceeds All Drag Forces
- Only In-Line Bow Which Can be Rotated
- Best Value in its Class

The **IJ Bow**, integral joint bow spring, centralizer provides a unique solution for bi-center bit drilled holes. These holes require casing centralization after very close tolerance casing-in-casing runs. The compressed bow spring expands to effectively centralize the casing in the large under-reamed section of open hole. The IJ Bow accomplishes these feats by use of engineered compound bow springs held by an internal locking sleeve on casing to your specification and threading. The low running force combined with high restoring force further enhances getting casing to bottom in highly deviated wells. The IJ Bow also allows the casing to be rotated to help overcome trouble spots. Effective stand-off, high strength and placement ease in combination with its economy combine to make the IJ Bow an unbeatable value. The **IJ Bow** centralizer is the right choice in under-reamed hole centralization.

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FOR STANDARD TOLERANCE CASING-IN-CASING PROGRAMS

STANDARD LENGTH 72" - 80" (OTHERS AVAILABLE)
 LENGTH PROVIDES 12 INCH TONG CLEARANCE EACH END
 LENGTH SUFFICIENT FOR ONE THREAD RE-CUT EACH END

PRODUCT DATA								
CASING SIZE IN.	MINIMUM PREVIOUS CASING SIZE AND WEIGHT	DRIFT DIAMETER	COMPRESSED DIAMETER IN.	BOW SPRING OVERALL DIAMETER IN.	NUMBER OF SPRINGS	HOLE SIZE IN.	OVERALL LENGTH IN.	TOTAL WEIGHT TYPICAL CASING LBS.
3 1/2	5 1/2 - 23#	4.545	4.490	7.426	3	6.500	72	99 For 12.95# Casing
4 1/2	6 5/8 - 32#	5.550	5.457	8.413	4	7.875	72	110 For 13.50# Casing
5	7 - 32#	5.969	5.945	8.908	5	7.875	72	142 For 18# Casing
5 1/2	7 5/8 - 39# 7.75 - 46.1#	6.500 6.500	6.435	9.403	5	7.875	72	170 For 23# Casing
7	9 5/8 - 70.3#	8.001	7.911	10.892	6	9.875	72	233 For 32# Casing
7 5/8	9 5/8 - 47# 9 3/4 - 59.2# 9.875 62.8#	8.525 8.500 8.500	8.460	11.443	6	9.875	72	265 For 39# Casing
9 5/8	11 3/4 - 65# 11 7/8 - 71.8#	10.526 10.625	10.449	13.44	8	12.250	72	360 For 53.5# Casing
11 3/4	16 - Any Weight	ALL	12.811	15.808	9	14.750	76	487 For 65# Casing
11 7/8	16 - Any Weight	ALL	12.838	15.834	9	14.750	76	522 For 71.8# Casing
13 3/8	16 - 109#	14.500	14.212	17.21	10	17.000	78	530 For 72# Casing
13 5/8	16 - 109#	14.500	14.461	17.46	10	17.000	80	637 For 88.2# Casing

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

**BOX/PIN THREADS
24" SPRING LENGTH**

**BUILT TO SPECIFIC
THREAD, WEIGHT, AND
GRADE REQUIREMENTS**

PLEASE CALL FOR SUITABLE APPLICATIONS AND AVAILABILITY

