



SEMI
PREMIUMCONNECTIONS

**FIELD TESTED.
FIELD PROVEN.**

BY  **PRECISION**



INNOVATIVE DESIGN. TIGHTER SEALING. STABILITY.

IMPROVED BUTRESS SEALING

through innovative changes in design, the BK creates tighter threaded sealing, and pin nose seal stabilization.

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HELLO

A FEW WORDS ABOUT US...

Precision is dedicated to the development of new premium and semi premium connections to meet the challenges of horizontal well completions. Fracing pressures, high loads, and extreme torque requirements have pushed past the limits of first generation connections, API and premium casing connections. Precision has developed groundbreaking, patented and field-proven solutions to meet your needs and allow you to excel in the field, increase production, and minimize risk.

We provide classic and innovative ways to keep your tubing and casing connected tighter, safer, and stronger. This allows you to maintain schedules, drastically reduce safety concerns, and save on operational costs. Whether you are looking for API couplings, semi-premium or premium connections, we've got you covered.

PRECISION KEEPS YOU CONNECTED

OFFERS A **FASTER** AND MORE **CONSISTENT** INSTALLATION

BK is a third-generation, semi-premium connection, designed for frac strings for oil and gas production.

Unlike the first-generation designs, which were primarily for drilling with casing in shallow vertical wells, the BK was developed to address the concerns of running crews and operators. It is BTC-compatible for cost savings on hangars, float shoes, float collars, crossovers and custom tools. It provides improved buttress sealing through innovative changes in design to create tighter, threaded sealing, and pin nose seal stabilization.

EXPERIENCE **TRUE INNOVATION**

The BK is available in traditional API coupling, OD sizes, and matched strength sizes to give **100% tensile strength** for deeper and more demanding wells.

The BK has been field-proven and is backed up by lab testing. Precision works with certified third-party representatives to install the BK connections. Technical expertise and support is provided by Mr. Michael Nations, inventor of the BK and Engineering Manager at Precision. Mr. Nations has attended past installations of the BK to provide support and guidance in the field.

Strength and High Torque Resistance

Precision's philosophy centers around providing the most innovative products on the market, coupled with unparalleled, excellent customer service. Mr. Nations attends our initial installations of the BK to ensure premium, personalized customer service and support to clients.

Pin nose to pin nose contact allows for higher bending loads and structural compressive loads while maintaining sealing. High torque resistance for rotating / reciprocating through doglegs and ensuring good cement bonding. A low hoop stress design reduces the chance of coupling splits and leaks from high frac pressures.



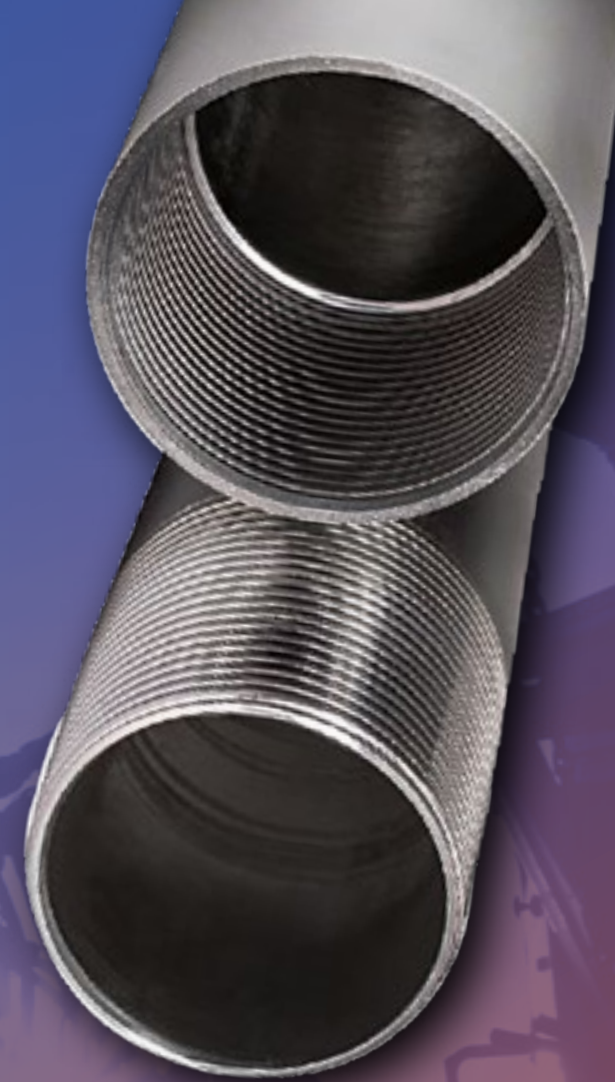
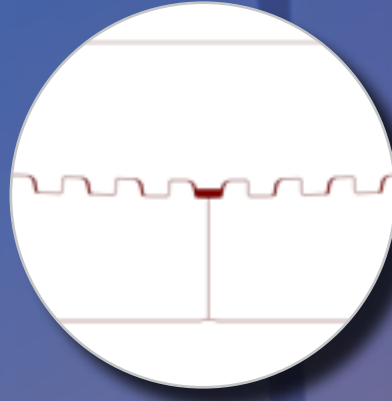
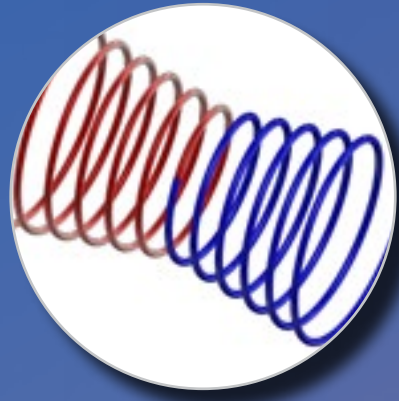
**The BK uses the field proven buttress thread.
The BK buttress threads are modified to be tight fitting,
low stress, and fatigue resistant.**

IT'S IN THE DETAILS

Advanced Relief Groove ensures more threads are engaged for maximum sealing.

The thread roots interlock and overlap at the center of the coupling to prevent couplings from turning.

The thicker midpoint cross sectional area provides additional coupling strength.



FIELD DEVELOPED. FIELD PROVEN.

BK® SAVES YOU TIME & MONEY.



HIGH RPM FATIGUE

The BK uses the field proven buttress thread. The BK buttress threads are modified to be tight fitting, low stress, and fatigue resistant to extend the time it can be rotated through a dogleg at high RPM.



SELF-CENTERING, ANTI-ROTATION FEATURE

The BK is built with an anti-rotation feature and a relief groove. The patented anti-rotation feature uses a thread interlock to prevent the coupling from turning during makeup or when over torqued. The patented relief groove ensures that more threads are engaged for maximum sealing capability.



OVER-TORQUE

The BK has better over-torque characteristics, which will keep the connection intact past yield. The thread roots are aligned on both ends of the BK coupling to prevent cross-threading when it is over-torqued. Combined with a low hoop stress design, a BK coupling will remain intact in a slightly salty, acidic or sour environment.

100%

YIELD PRESSURE STRENGTH

The coupling is designed to prevent yielding and deformation from high frac pressures.

10K+

MONTHLY INSTALS

Over 10,000 couplings installed each month

27+

WELLS PER MONTH

Servicing over 27 wells monthly

7 MIL+

FEET INSTALLED

Over 7 million feet of couplings have been installed overall

BK® SAVES YOU TIME & MONEY.



BK operates quickly and smoothly, reducing your run time per well, and your overall production costs.

ASK US ABOUT YOUR CUSTOM SOLUTION TODAY.

713.678.8900

SPECIFICATIONS

SIZE	WEIGHT	WALL	DRIFT DIAMETER	GRADE	COUPL. DIAMETER	PIPE & CONN. ID	COUPL. LENGTH	MAKE UP LOSS	TORQUE (ft - lbf)		YIELD STRENGTH (x1000lbs)		YIELD PRESSURE (PSI)	
									OPTIMUM	YIELD	TENSILE	COMPR.	INTERNAL	COLLAPSE
4.5	11.6	0.25	3.875	L-80	5	4	7.875	3.938	2,150	5,950	267	267	7,780	6,350
4.5	11.6	0.25	3.875	HC P-110	5	4	7.875	3.938	2,950	8,200	367	367	10,690	8,830
4.5	13.5	0.29	3.795	L-80	5	3.92	7.875	3.938	2,800	7,800	307	307	9,020	8,540
4.5	13.5	0.29	3.795	HC P-110	5	3.92	7.875	3.938	3,850	10,750	422	422	12,410	11,810
4.5	15.1	0.337	3.701	L-80	5	3.826	7.875	3.938	3,600	9,950	353	353	10,480	11,080
4.5	15.1	0.337	3.701	HC P-110	5	3.826	7.875	3.938	4,950	13,700	485	485	14,420	15,130
5	18.00	0.362	4.151	L-80	5.563	4.276	8.125	4.063	4,950	13,800	422	422	10,140	10,490
5	18.00	0.362	4.151	HC P-110	5.563	4.276	8.125	4.063	6,850	19,000	580	580	13,940	14,360
5	21.40	0.437	4.001	L-80	5.563	4.126	8.125	4.063	6,650	18,500	446	446	12,240	12,760
5	21.40	0.437	4.001	HC P-110	5.563	4.126	8.125	4.063	9,150	25,450	613	613	16,820	18,870
5.5	17	0.304	4.767	L-80	6.05	4.892	8.25	4.125	4,500	12,450	397	397	7,740	6,290
5.5	17	0.304	4.767	HC P-110	6.05	4.892	8.25	4.125	6,150	17,100	546	546	10,640	8,730
5.5	20	0.361	4.653	L-80	6.05	4.778	8.25	4.125	6,000	16,750	466	466	9,190	8,830
5.5	20	0.361	4.653	HC P-110	6.05	4.778	8.25	4.125	8,300	23,000	641	641	12,640	12,200
5.5	23	0.415	4.545	L-80	6.05	4.67	8.25	4.125	7,300	20,200	483	483	10,560	11,160
5.5	23	0.415	4.545	HC P-110	6.05	4.67	8.25	4.125	10,000	27,800	664	664	14,530	15,310
7	26.00	0.362	6.151	L-80	7.875	6.276	9	4.5	9,300	25,800	604	604	7,240	5,410
7	26.00	0.362	6.151	HC P-110	7.875	6.276	9	4.5	12,800	35,500	830	830	9,960	7,540
7	29.00	0.408	6.059	L-80	7.875	6.184	9	4.5	11,150	30,900	676	676	8,160	7,030
7	29.00	0.408	6.059	HC P-110	7.875	6.184	9	4.5	15,300	42,500	929	929	11,220	9,750
7	32.00	0.453	6.000	L-80	7.875	6.094	9	4.5	12,850	35,650	745	745	9,060	8,600
7	32.00	0.453	6.000	HC P-110	7.875	6.094	9	4.5	17,650	49,000	1025	1025	12,460	11,890
9.625	36	0.352	8.765	J-55	10.625	8.921	9.625	4.813	11,000	30,500	564	564	3,520	2,020
9.625	40	0.395	8.679	L-80	10.625	8.835	9.625	4.813	19,600	54,450	916	916	5,750	3,090
9.625	43.5	0.435	8.599	L-80	10.625	8.755	9.625	4.813	20,000	63,250	1005	1005	6,330	3,810
9.625	47	0.472	8.525	L-80	10.625	8.681	9.625	4.813	20,000	71,350	1086	1086	6,870	4,750