



PRECISION

Keeping You Connected.



HT SEMI-PREMIUM

FIELD TESTED. FIELD PROVEN.





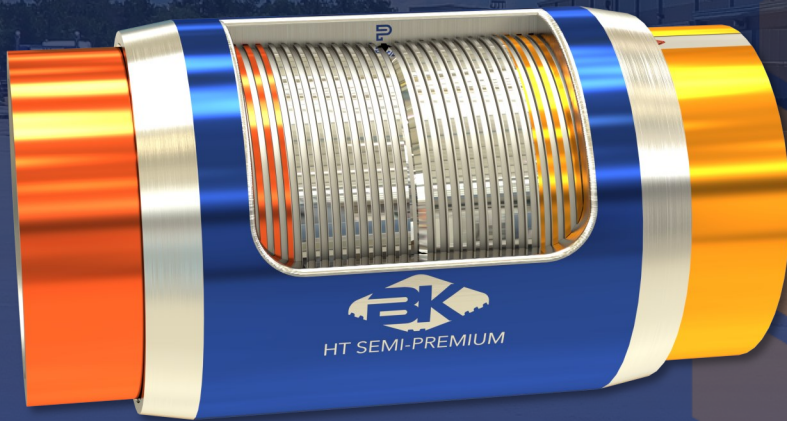
HT SEMI-PREMIUM

A STRONGER COUPLING

Pin Nose to Pin Nose contact for high torque resistance, higher pressure ratings, higher bending loads and higher structural compressive loading. Smooth Premium Bore with no J-Area to get hung up on.

HIGH RPM FATIGUE RESISTANCE

Field proven buttress thread with low stress runout threads to extend the time it can be rotated through a dogleg at high RPM.



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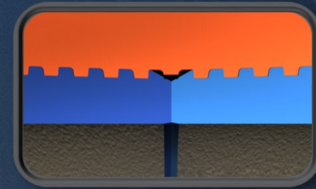
THE BK-HT'S THICKER COUPLING HANDLES HIGHER FRAC PRESSURES AND SUPPORTS THICKER PIPE WALL WITH 100% MATCHED STRENGTH.

The BK-HT uses a thicker coupling with a larger OD to increase strength and torque resistance. The BK-HT also provides more strength when utilizing high-collapse or enhanced burst strength pipe.



BK-HT USES AN ADVANCED RELIEF GROOVE

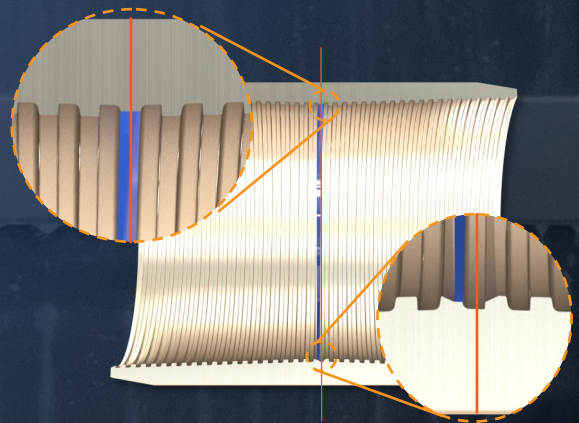
Ensuring more threads are engaged for maximum sealing. The thicker midpoint cross sectional area provides additional coupling strength.



SELF CENTERING ANTI ROTATION

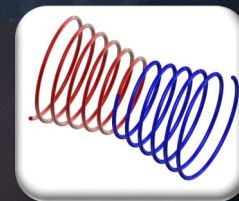
Thread Interlock Anti-rotation

The pin tooth will lock up past center as it is forced into a groove that is a mirror image. The connection acts like a shouldered coupling.



Phase locked grooves

The grooves (Coupling Thread Roots) are cut in phase / lead so they meet in the middle of the coupling.



PATENT NO. US 9,261,208 B1





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| SIZE | WEIGHT | WALL | DRIFT DIAMETER | GRADE | COUPL. DIAMETER | PIPE & CONN. ID | COUPL. LENGTH | MAKE UP LOSS | TORQUE (ft-lbf) | | YIELD STRENGTH (x 1000lbs) | | YIELD PRESSURE (PSI) | |
|-------|--------|-------|----------------|---------|-----------------|-----------------|---------------|--------------|-----------------|--------|----------------------------|--------|----------------------|----------|
| | | | | | | | | | OPTIMUM | YIELD | TENSION | COMPR. | INTERNAL | COLLAPSE |
| 4.5 | 11.60 | 0.250 | 3.875 | HC-P110 | 5.250 | 4.000 | 7.875 | 3.938 | 4,150 | 11,500 | 367 | 367 | 10,690 | 8,830 |
| 4.5 | 11.60 | 0.250 | 3.875 | P110 EB | 5.250 | 4.000 | 7.875 | 3.938 | 4,700 | 13,050 | 417 | 417 | 12,150 | 8,830 |
| 4.5 | 13.50 | 0.290 | 3.795 | HC-P110 | 5.250 | 3.920 | 7.875 | 3.938 | 5,400 | 15,000 | 422 | 422 | 12,410 | 12,290 |
| 4.5 | 13.50 | 0.290 | 3.795 | P110 EB | 5.250 | 3.920 | 7.875 | 3.938 | 6,150 | 17,050 | 479 | 479 | 14,100 | 12,290 |
| 4.5 | 15.10 | 0.337 | 3.701 | HC-P110 | 5.250 | 3.826 | 7.875 | 3.938 | 6,850 | 19,000 | 485 | 485 | 14,420 | 16,490 |
| 4.5 | 15.10 | 0.337 | 3.701 | P110 EB | 5.250 | 3.826 | 7.875 | 3.938 | 7,800 | 21,600 | 551 | 551 | 16,380 | 16,490 |
| 5 | 18.00 | 0.362 | 4.151 | HC-P110 | 5.750 | 4.276 | 8.125 | 4.063 | 7,550 | 21,000 | 580 | 580 | 13,940 | 15,490 |
| 5 | 18.00 | 0.362 | 4.151 | P110 EB | 5.750 | 4.276 | 8.125 | 4.063 | 8,600 | 23,850 | 659 | 659 | 15,840 | 15,490 |
| 5 | 21.40 | 0.437 | 4.001 | HC-P110 | 5.750 | 4.126 | 8.125 | 4.063 | 9,150 | 25,450 | 613 | 613 | 16,820 | 20,180 |
| 5 | 21.40 | 0.437 | 4.001 | P110 EB | 5.750 | 4.126 | 8.125 | 4.063 | 10,400 | 28,900 | 783 | 783 | 19,120 | 20,180 |
| 5.5 | 17.00 | 0.304 | 4.767 | HC-P110 | 6.300 | 4.892 | 8.250 | 4.125 | 9,550 | 26,500 | 546 | 546 | 10,640 | 8,730 |
| 5.5 | 17.00 | 0.304 | 4.767 | P110 EB | 6.300 | 4.892 | 8.250 | 4.125 | 10,850 | 30,100 | 620 | 620 | 12,090 | 8,730 |
| 5.5 | 20.00 | 0.361 | 4.653 | HC-P110 | 6.300 | 4.778 | 8.250 | 4.125 | 11,500 | 32,000 | 641 | 641 | 12,640 | 12,770 |
| 5.5 | 20.00 | 0.361 | 4.653 | P110 EB | 6.300 | 4.778 | 8.250 | 4.125 | 13,100 | 36,350 | 729 | 729 | 14,360 | 12,770 |
| 5.5 | 23.00 | 0.415 | 4.545 | HC-P110 | 6.300 | 4.670 | 8.250 | 4.125 | 14,050 | 39,000 | 729 | 664 | 14,530 | 16,720 |
| 5.5 | 23.00 | 0.415 | 4.545 | P110 EB | 6.300 | 4.670 | 8.250 | 4.125 | 15,950 | 44,300 | 829 | 829 | 16,510 | 16,720 |
| 6 | 24.00 | 0.400 | 5.075 | P110 | 6.875 | 5.200 | 8.625 | 4.313 | 15,700 | 28,500 | 774 | 774 | 12,830 | 11,460 |
| 6 | 24.00 | 0.400 | 5.075 | P110 EB | 6.875 | 5.200 | 8.625 | 4.313 | 15,700 | 32,400 | 880 | 880 | 14,580 | 13,180 |
| 6.625 | 24.00 | 0.352 | 5.796 | HC-P110 | 7.475 | 5.921 | 8.625 | 4.313 | 10,550 | 29,250 | 763 | 763 | 10,230 | 8,010 |
| 6.625 | 24.00 | 0.352 | 5.796 | P110 EB | 7.475 | 5.921 | 8.625 | 4.313 | 11,950 | 33,250 | 867 | 867 | 11,620 | 8,010 |
| 6.625 | 28.00 | 0.417 | 5.666 | HC-P110 | 7.475 | 5.791 | 8.625 | 4.313 | 13,700 | 38,000 | 895 | 895 | 12,120 | 11,680 |
| 6.625 | 28.00 | 0.417 | 5.666 | P110 EB | 7.475 | 5.791 | 8.625 | 4.313 | 15,550 | 43,200 | 1017 | 1017 | 13,770 | 11,680 |
| 6.625 | 32.00 | 0.475 | 5.55 | HC-P110 | 7.475 | 5.675 | 8.625 | 4.313 | 16,200 | 45,000 | 1010 | 1010 | 13,800 | 15,200 |
| 6.625 | 32.00 | 0.475 | 5.55 | P110 EB | 7.475 | 5.675 | 8.625 | 4.313 | 18,400 | 51,150 | 1147 | 1147 | 15,680 | 15,200 |
| 7 | 26.00 | 0.362 | 6.151 | HC-P110 | 7.875 | 6.276 | 9.000 | 4.500 | 12,800 | 35,500 | 830 | 830 | 9,960 | 7,540 |
| 7 | 26.00 | 0.362 | 6.151 | P110 EB | 7.875 | 6.276 | 9.000 | 4.500 | 14,550 | 40,350 | 944 | 944 | 11,310 | 7,540 |
| 7 | 29.00 | 0.408 | 6.125 | HC-P110 | 7.875 | 6.184 | 9.000 | 4.500 | 15,300 | 42,500 | 929 | 929 | 11,220 | 9,810 |
| 7 | 29.00 | 0.408 | 6.125 | P110 EB | 7.875 | 6.184 | 9.000 | 4.500 | 17,400 | 48,300 | 1056 | 1056 | 12,750 | 9,810 |
| 7 | 32.00 | 0.453 | 6.000 | HC-P110 | 7.875 | 6.094 | 9.000 | 4.500 | 17,650 | 49,000 | 1025 | 1025 | 12,460 | 12,400 |
| 7 | 32.00 | 0.453 | 6.000 | P110 EB | 7.875 | 6.094 | 9.000 | 4.500 | 20,050 | 55,700 | 1165 | 1165 | 14,160 | 12,400 |
| 7.625 | 26.40 | 0.328 | 6.844 | HC-P110 | 8.500 | 6.969 | 9.375 | 4.688 | 12,400 | 34,400 | 827 | 827 | 8,280 | 4,790 |
| 7.625 | 26.40 | 0.328 | 6.844 | P110 EB | 8.500 | 6.969 | 9.375 | 4.688 | 14,100 | 39,100 | 940 | 940 | 9,410 | 4,790 |
| 7.625 | 29.70 | 0.375 | 6.75 | HC-P110 | 8.500 | 6.875 | 9.375 | 4.688 | 15,600 | 43,300 | 940 | 940 | 9,470 | 6,700 |
| 7.625 | 29.70 | 0.375 | 6.75 | P110 EB | 8.500 | 6.875 | 9.375 | 4.688 | 17,700 | 49,200 | 1068 | 1068 | 10,760 | 6,700 |
| 7.625 | 33.70 | 0.430 | 6.64 | HC-P110 | 8.500 | 6.765 | 9.375 | 4.688 | 19,250 | 53,450 | 1069 | 1069 | 10,860 | 9,110 |
| 7.625 | 33.70 | 0.430 | 6.64 | P110 EB | 8.500 | 6.765 | 9.375 | 4.688 | 21,850 | 60,750 | 1215 | 1215 | 12,340 | 9,110 |

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