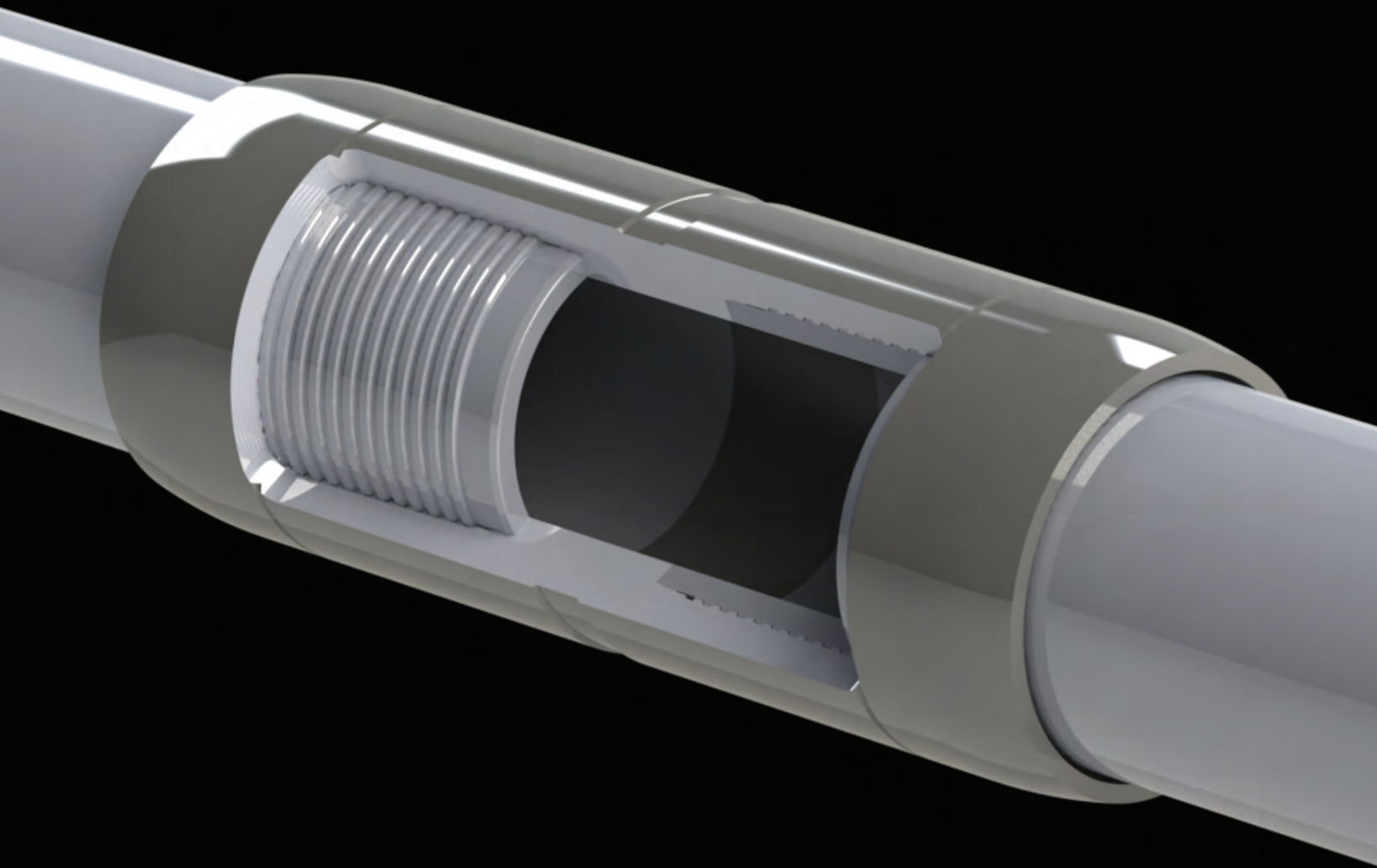


HZT™

HORIZONTAL
WORKSTRING
TUBING



A Product of Certus Manufacturing

HZT™

Complementary Seal/Torque Shoulder

- Metal-to-metal seal engages independent of torque shoulder
- Reverse-raked torque shoulder maximizes torsional capacity

Optimized Thread Form

- High thread contact promotes even stress distribution
- Flank angles support full-pipe tensile load and quick make up times
- Thread height and taper selection maximize torque shoulder cross-sectional area

Unique Coupling Design

- P-110 grade material allows comparable wear resistance to PH-6 tool joint
- 11.875" length permits thread repair prior to replacement
- Wear bands for easy identification of coupling replacement
- Tapered coupling shoulders promote smooth OD transition

BENEFITS

- Threaded and coupled connection eliminates downgrades from undersized tool joints
- Ability to convert downgraded tool joints to the HZT connection extends tubular life cycle
- Optimized design improves torque capacity by up to 110% relative to PH-6 connection ratings
- Non-Upset tool joints allow for more recuts than traditional tubing

FEATURES

- Cost-effective replaceable coupling
- Robust torque rating to meet extended-reach well requirements
- Seal rated to 10,000 psi at 30°/100 ft.
- Full complement of accessory components

APPLICATIONS

- Drill out, clean out, and fishing operations
- Vertical and Extended lateral wells

OD [in]	CONNECTION	GRADE	WEIGHT [lb/ft]	M/U TORQUE [ft-lbs]			Connection		CONN TENSILE EFFICIENCY [%]
				MIN	OPT	MAX	OD ["]	ID ["]	
2-3/8"	PH-6	P-110	5.95	2700	3038	3375	2.906	1.805	100
	HZT	P-110	5.95	2900	3500	4500	2.900	1.805	100
2-7/8"	PH-6	P-110	7.90	3500	3938	4375	3.438	2.265	100
	HZT	P-110	7.90	3500	5000	7250	3.438	2.265	100
2-7/8"	PH-6	P-110	8.70	3500	4000	4400	3.500	2.200	100
	HZT	P-110	8.70	3500	5500	9250	3.500	2.200	100

The technical information herein is for reference only & should not be construed as a recommendation. All external data has been gathered via public sources and is subject to change. All dimensions are nominal.

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