

GAP SUBS

GAP SUB ASSEMBLY

FEATURES

- No ceramic coatings
- No degradation over time of electrical resistance
- Redundant back-up seal arrangement for isolator system
- Includes non-shear pins for added strength and reliability
- Available in multiple sizes, materials, and thread types
- Long lifespan
- 12 inches available for recuts

APPLICATIONS

- Reliable replacement to mud pulse systems
- Underbalanced and Air Drilling
- Low cost, reliable replacement to mud pulse systems
- High-speed drilling where fast data rates are required
- Low-pressure formations or lost circulation situations
- Integrates with Downhole Wireless Network Applications

PRODUCT DESCRIPTION

With more than 10 years of service history on North American land and around the world, Applied Physics Systems Gap Subs set the standard for reliable communication to the surface and ruggedness in the downhole environment. Our proprietary electrical isolation section utilizes a threadless design has been called the best in the industry. Our mechanical design utilizes a shear pin making it impossible for the gap sub to separate without breaching the material. Standard material for Applied Physics Gap Subs is P550 with options available with higher strengths and materials designed for corrosion resistance.



Available in multiple sizes, materials, and thread types

RELATED PRODUCTS

- AP400P Mud Pulse MWD System
- AP600 Near Bit System
- API250 Integrated Dual Telemetry System

SPECIFICATIONS

3.125" x 41.5" Gap Sub	4.125" x 42.5" Gap Sub	4.75" x 68" Gap Sub	5.12" x 68" Gap Sub	6.75" x 82" Gap Sub	6.75" x 82" Gap Sub	7.0" x 67.5" Gap Sub	8.0" x 67.5" Gap Sub	8.0" x 73.5" Gap Sub	9.0" x 77.5" Gap Sub
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THREAD SIZES: 3 1/8 special	THREAD SIZES: NC31	THREAD SIZES: 3.5 if	THREAD SIZES: XT39 or NC38	THREAD SIZES: NC46 or NC50	THREAD SIZES: NC46 or NC50	THREAD SIZES: NC50	THREAD SIZES: 6 5/8 REG	THREAD SIZES: 6 5/8 REG	THREAD SIZES: 7 1/2 REG
MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS	MATERIALS: P550, 15-15HS
MAX TORQUE: 300,000 LBS	MAX TORQUE: 15,000 FT-LBS	MAX TORQUE: 24,000 FT-LBS	MAX TORQUE: 35,000 FT-LBS	MAX TORQUE: 45,000 FT-LBS	MAX TORQUE: 55,000 FT-LBS	MAX TORQUE: 65,000 FT-LBS	MAX TORQUE: 75,000 FT-LBS	MAX TORQUE: 75,000 FT-LBS	MAX TORQUE: 60,000 FT-LBS

Specifications are subject to change without notice.