

TECHNICAL INFORMATION:

GTX-3500-001, 3.500 INCH 12.7-12.9 PPF.



CASING O.D. (in)	3.500
CASING WT. (lb/ft)	12.7
CASING I.D. (in)	2.750
PATCH MAX. RUNNING O.D. (in)	2.580
PATCH I.D. AFTER SETTING (in)	1.970
PATCH DRIFT I.D. (in)	1.845
BURST HYDRAULIC RATING (psi)	9500
COLLAPSE HYDRAULIC RATING (psi)	9500
BURST GAS RATING (psi)	9500
COLLAPSE GAS RATING (psi)	9500

QTY.	DESCRIPTION	PART NUMBER	MATERIAL
	GTX-SPAN SYSTEM	GTX-3500-001	NOTED
4	ELASTOMER	GTX-3500-127-70HSN	HSN
1	PIN ELEMENT	GTX-3500-020	4140 L-80
1	BOX ELEMENT	GTX-3500-021	4140 L-80
1	TOP SWAGE	GTX-3500-024	4140 / 4142
1	BOTTOM SWAGE	GTX-3500-025	4140 / 4142
1	O-RING	OOO-V569-138	VITON
1	O-RING	OOO-V569-139	VITON
1	30K SHEAR RING	PAT-2875-048A	STL-12L4-150
1	10 FT. SECTION	GTX-3500-110	L-80
	5 FT. SECTION	GTX-3500-105	L-80
	20 FT. SECTION	GTX-3500-120	L-80

MINIMUM EQUIPMENT REQUIRED FOR A FULL SYSTEM CONSISTS OF ONE SHORT ASSEMBLY AND ONE SECTION.

PRODUCT OFFERINGS:

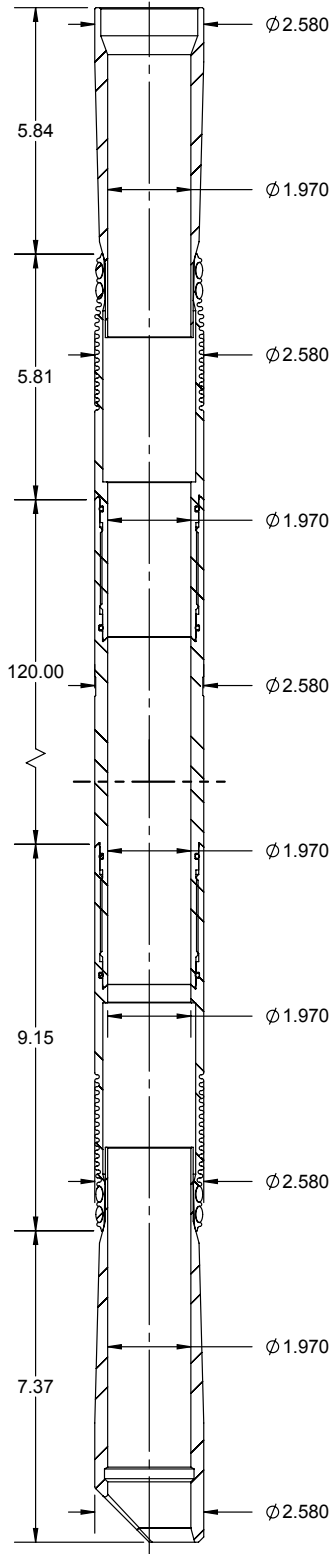
GTX-SPAN provides a gas tight system to the industry which is effective, reliable, and economical. The system is durable and dependable as an isolation method of perforations, splits, corrossions or leaks in most types of tubulars. This system as well as our current X-SPAN® System can be designed using premium alloys for extreme well bore environments and custom sized for most tubing restrictions.

BENEFITS/CAPABILITIES:

- Economical and reliable solution for water shut-off / zonal isolation
- Large bore assures easy passage of service tools
- Minimal surface equipment and one trip system results in savings
- Well interventions may be performed on flowing or static wells
- Easily deployed using a range of pyrotechnic multistage or hydraulic setting tools

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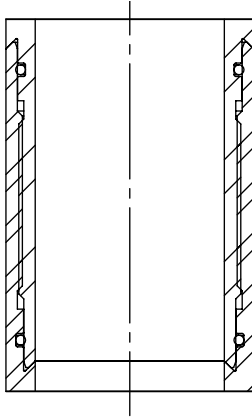
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4	ELASTOMER	GTX-3500-127-70HSN	HSN
1	PIN ELEMENT	GTX-3500-020	4140 L-80
1	BOX ELEMENT	GTX-3500-021	4140 L-80
1	TOP SWAGE	GTX-3500-024	4140 / 4142
1	BOTTOM SWAGE	GTX-3500-025	4140 / 4142
N+1	O-RING	OOO-V569-138	VITON
N+1	O-RING	OOO-V569-139	VITON
1	30K SHEAR RING	PAT-2875-048A	STL-12L4-150
N	10 FT. SECTION	GTX-3500-110	L-80
1	SLEEVE NUT	SET-2125-120	4130 / 4140 / 4142
1	SLEEVE LOCK NUT	SET-2125-121	4130 / 4140 / 4142
1	SETTING SLEEVE	SET-2125-148	4130 / 4142 / 4142
1	QUICK CHANGE ROD	SET-2125-130	4340
1	QUICK CHANGE NUT	SET-2125-131	4340
1	TOP ADAPTER ROD	SET-2125-132	4130 / 4140 / 4142
N+1	ROD TANDEM CONNECTOR	SET-2125-133	4130 / 4140 / 4142
N	10 FT. ROD	SET-2125-134	4130 / 4140 / 4142
OPT	5 FT. ROD	SET-2125-135	4130 / 4140 / 4142
1	BOTTOM ROD	SET-2125-136	4130 / 4140 / 4142
1	COLLET	SET-2125-138	4130 / 4140 / 4142
1	COLLET SUPPORT	SET-2125-141	4130 / 4140 / 4142

MINIMUM EQUIPMENT REQUIRED FOR 10 FT. SYSTEM

EXTENSION SPECIFICATIONS:

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PART NUMBER	LENGTH (INCHES)	OAL (INCHES)	WEIGHT (LBS.)
GTX-3500-120	240	243.32	145.4
GTX-3500-110	120	123.32	72.7
GTX-3500-105	60	63.32	36.4
PATCH TENSILE RATING		57000	

SYSTEM WEIGHTS

	WEIGHT (LBS.)
GTX-3500-001	12.4
10 FT PATCH RUNNING WEIGHT	189.6
EA. ADDITIONAL 10 FT. LGTH ADD	100.9

SETTING TOOL OPTIONS:

HYDRAULIC		WEIGHT (LBS)
SET-2687-200	2-11/16 HYDRAULIC	150
	SCREEN SUB	OTO-798-288A
	CIRCULATION SUB	SET-2875-010
	DUMP SUB	SET-2125-200

PYROTECHNIC		WEIGHT (LBS)
SET-2687-101	2-11/16 MSST	90
	POWER CHARGE	JEC-5334-104
		JEC-0212-044
	IGNITER	DET-5306-074
		DET-5306-008