

TECHNICAL INFORMATION:

GTX-7000-0230-1001, 7.0 INCH 23 PPF.



CASING O.D. (in)	7
CASING WT. (lb/ft)	23
CASING I.D. (in)	6.366
PATCH MAX. RUNNING O.D. (in)	6.160
PATCH I.D. AFTER SETTING (in)	5.352
PATCH DRIFT I.D. (in)	5.227
BURST HYDRAULIC RATING (psi)	6400
COLLAPSE HYDRAULIC RATING (psi)	6000
BURST GAS RATING (psi)	5600
COLLAPSE COLLAPSE RATING (psi)	5600

QTY.	DESCRIPTION	PART NUMBER	MATERIAL
1	GTX-SPAN SYSTEM	GTX-7000-0230-1001	NOTED
4	ELASTOMER	GTX-7000-0290-6000	HSN
1	PIN ELEMENT	GTX-7000-0230-1210	4140
1	BOTTOM ELEMEMENT	GTX-7000-0230-1410	4140
1	TOP SWAGE	GTX-7000-0230-1110	4140
1	BOTTOM SWAGE	GTX-7000-0230-1310	4140
1	O-RING	OOO-V569-161	VITON
1	O-RING	OOO-V569-1615	VITON
1	72K SHEAR STUD	PAT-4500-038	4140/4142
1	10 FT. SECTION	GTX-7000-0290-1010	L-80
	5 FT. SECTION	GTX-7000-0290-1005	L-80
	20 FT. SECTION	GTX-7000-0290-1020	L-80
	2 FT. SECTION	GTX-7000-0290-1002	L-80

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

PRODUCT OFFERINGS:

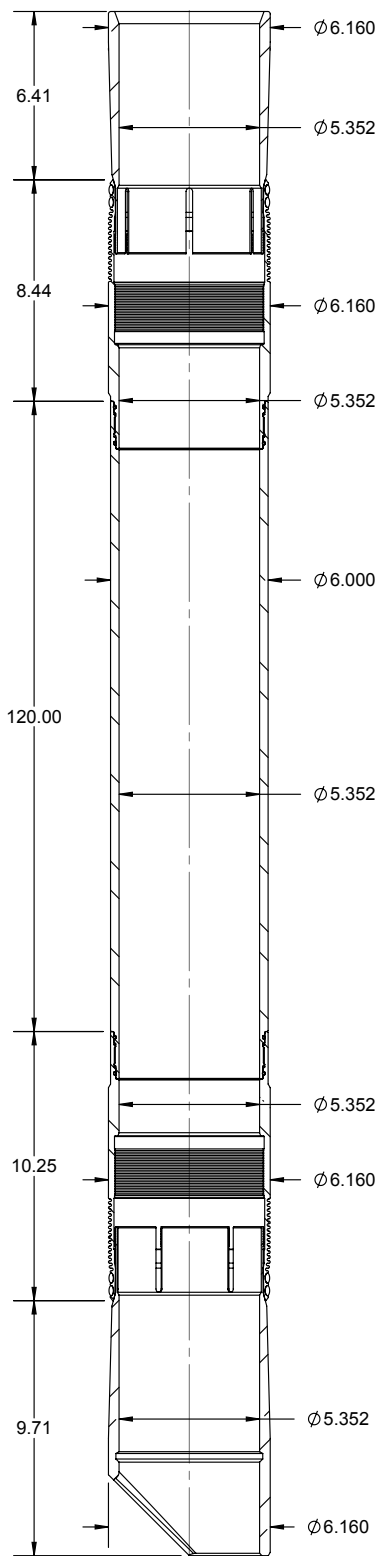
GTX-SPAN provides a gas tight system to the industry which is effective, reliable, and economical. The system is durable and dependable as an isolation method of perforations, splits, corrossions or leaks in most types of tubulars. This system as well as our current X-SPAN[®] System can be designed using 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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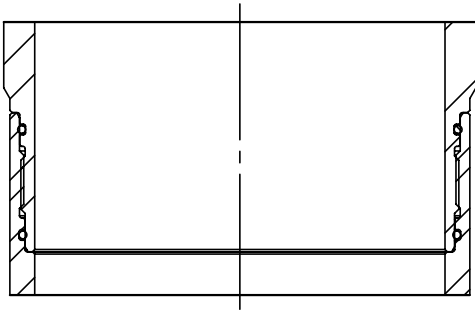
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1	BOTTOM ELEMENT	GTX-7000-0230-1410	4140
1	TOP SWAGE	GTX-7000-0230-1110	4140
1	BOTTOM SWAGE	GTX-7000-0230-1310	4140
N+1	O-RING	OOO-V569-161	VITON
N+1	O-RING	OOO-V569-1615	VITON
1	72K SHEAR STUD	PAT-4500-038	4140/4142
1	SET SCREW 1/4 INCH X 20 TPI, 5/16 INCH	PUR-0501-030	ALLOY
N	10 FT SECTION	GTX-7000-0290-1010	L-80
1	SLEEVE NUT	SET-3250-120	4140/4130
1	SLEEVE LOCK NUT	SET-3250-121	4140/4130
1	SETTING SLEEVE	SET-3250-282	4140/4130
1	QUICK CHANGE ROD	SET-3250-130	4130/4140
1	QUICK CHANGE NUT	SET-3250-131	4130/4140
1	TOP ADAPTER ROD	SET-3250-132	4130/4140
N+1	ROD TANDEM CONNECTOR	SET-3250-133	4140/4130
N	10 FT. ROD	SET-3250-134	4140 / 4130
OPT	5 FT. ROD	SET-3250-135	4140 / 4130
1	BOTTOM ROD	SET-3250-136	4140/4130
1	COLLET ASSEMBLY	SET-3250-280	NOTED
1	END SUB	SET-3250-186	4140 / 4130
1	COLLET	SET-3250-285	4130 / 4142
1	COLLET SUPPORT	SET-3250-277	4140/4130
N	ROD SUPPORT	SET-3250-196	ALUMINUM

MINIMUM EQUIPMENT REQUIRED FOR 10 FT. SYSTEM

EXTENSION SPECIFICATIONS:

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PART NUMBER	LENGTH	OAL	WEIGHT	MATERIAL
GTX-7000-0290-1010	121.8	120	192.8	L-80 OR N-80
GTX-7000-0290-1005	60	51.8	96.3	L-80 OR N-80
GTX-7000-0290-1020	240	241.8	385.6	L-80 OR N-80
GTX-7000-0290-1002	24	25.8	38.5	L-80 OR N-80

PATCH TENSILE RATING	164,000 LBF
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SYSTEM WEIGHTS

	WEIGHT (LBS.)
GTX-7000-0230-1001	54.2
10 FT PATCH RUNNING WEIGHT	382.64
EA. ADDITIONAL 10 FT. LGTH ADD	254.8

SETTING TOOL OPTIONS:

HYDRAULIC		WEIGHT (LBS)
4-1/2 INCH HYDRAULIC	SET-4500-010	880
3-1/8 INCH HYDRAULIC	SET-3125-010	300
	SCREEN SUB	TT0798-288A
	CIRCULATION SUB	SET-2875-010
	DUMP SUB	OT0710-288B-000

PYROTECHNIC		WEIGHT (LBS)
3-1/4 INCH MULTISTAGE SETTING TOOL	SET-3250-010	206
	POWER CHARGE	JEC-5336-099
		OPC-3250-000-MS
	IGNITER	DET-5306-074
		DET-5306-008
4-1/2 INCH MULTISTAGE SETTING TOOL	SET-4500-000	700
	POWER CHARGE	JEC-0450-140
	IGNITER	DET-5306-074
		DET-5306-008