

TECHNICAL
INFORMATION:

STX-3500-0093-2001, 3.500 INCH 9.3 PPF.



CASING O.D. (in)	3.500
CASING WT. (lb/ft)	9.3
CASING I.D. (in)	2.992
PATCH MAX. RUNNING O.D. (in)	2.780
PATCH I.D. AFTER SETTING (in)	2.259
PATCH DRIFT I.D. (in)	2.134
BURST HYDRAULIC RATING (psi)	6000
COLLAPSE HYDRAULIC RATING (psi)	5000

QTY.	DESCRIPTION	PART NUMBER	MATERIAL
	STX-SPAN SYSTEM	STX-3500-0093-2001	NOTED
1	LOWER COMPLETION	STX-3500-0093-2100	NOTED
1	STANDARD STINGER ASSEMBLY	STX-3500-0093-2200	NOTED
1	TOP STINGER ASSEMBLY	STX-3500-0093-2300	NOTED
OPT	STANDARD STINGER ASSEMBLY	STX-3500-0093-2600	NOTED
1	TOP COMPLETION	STX-3500-0093-2400	NOTED
	10 FT SECTION	GTX-3500-0093-1010	L-80
	5 FT SECTION	GTX-3500-0093-1005	L-80
	2 FT SECTION	GTX-3500-0093-1002	L-80

MINIMUM EQUIPMENT REQUIRED FOR A FULL SYSTEM CONSISTS OF ITEMS SHOWN

PRODUCT OFFERINGS:

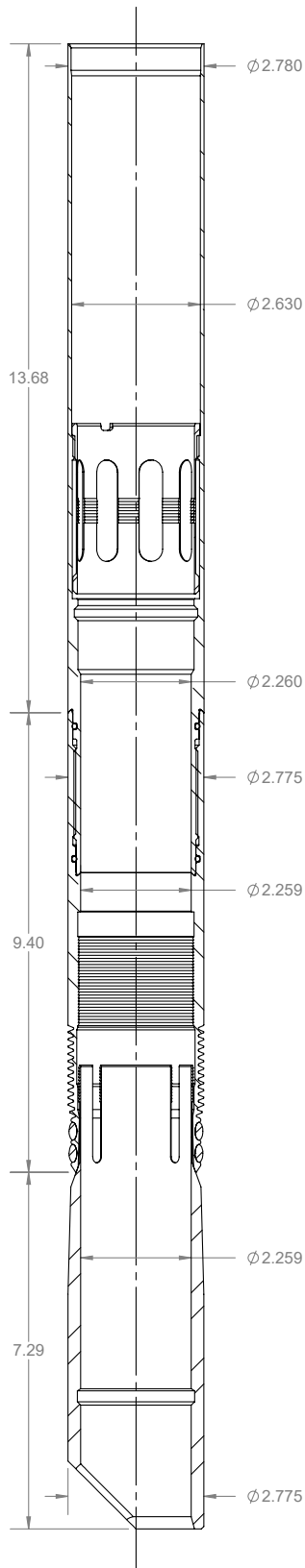
Our stackable X-SPAN[®] products allow for long straddle systems to be deployed into a live well control situation in multiple runs using wire-line, slick line, coil tubing or conventional tubing. The stackable system can utilize the X-SPAN[®] or GTX-SPAN[®] elements to isolate the top and bottom of the intended zone, while specially engineered seal assemblies are utilized between each sequential intermediate section. This technology allows for extremely long isolation systems to be deployed when lubricator length or well accessibility is an issue.

BENEFITS/CAPABILITIES:

- Can be deployed on wire line, slick line, coil tubing or jointed pipe.
- High pressure and high temperature applications.
- Unlimited lengths can be straddled
- Can incorporate standard off-the-shelf customer supplied tubulars as straddle base pipe material.
- Can incorporate sand screens, slotted liner, flow control devices such as profile nipples and sliding sleeves.

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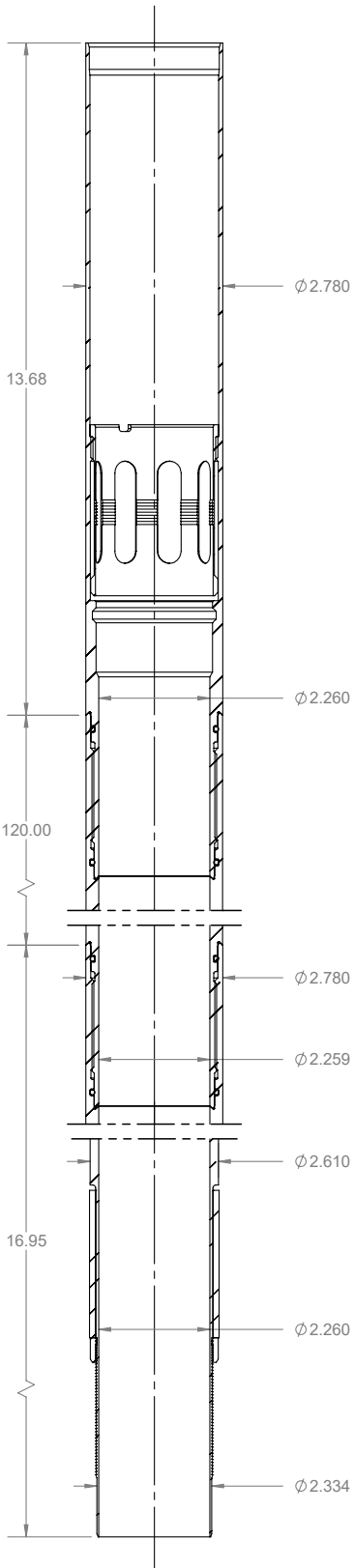


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QTY.	DESCRIPTION	PART NUMBER	MATERIAL
1	LOWER COMPLETION	STX-3500-0093-2100	NOTED
2	ELASTOMER	GTX-3500-0093-6000	HSN
1	BOX ELEMENT	GTX-3500-0093-1410	4140
1	BOTTOM SWAGE	GTX-3500-0093-1310	4140 / 4142
1	O-RING	OOO-V569-142	VITON
1	O-RING	OOO-V569-143	VITON
1	42 - 43K SHEAR RING	PAT-3500-058	1026
1	SLEEVE NUT	SET-2687-130	4140 / 4142
1	SLEEVE LOCK NUT	SET-2125-121	4130 / 4140 / 4142
1	QUICK CHANGE NUT	SET-2687-131	4130 / 4140 / 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
1	ROD TANDEM CONNECTOR	SET-2125-133	4130 / 4140 / 4142
1	BOTTOM ROD	SET-2125-136	4130 / 4140 / 4142
1	RELEASE RING ADAPTER	SET-2125-145	4130 / 4140 / 4142
1	COLLET	SET-2125-161	4130 / 4140 / 4142
1	COLLET SUPPORT	SET-2125-155A	4140 / 4130
1	LOWER RECEIVER	STX-3500-0093-2130	4140
1	WICKER LATCH COLLET	STX-3500-0093-2553	4140
1	SETTING SLEEVE	SET-2125-162C	NOTED
1	SETTING SLEEVE LOWER	SET-2125-162B	4140 / 4142
1	SETTING SLEEVE UPPER	SET-2125-162A	4140 / 4142

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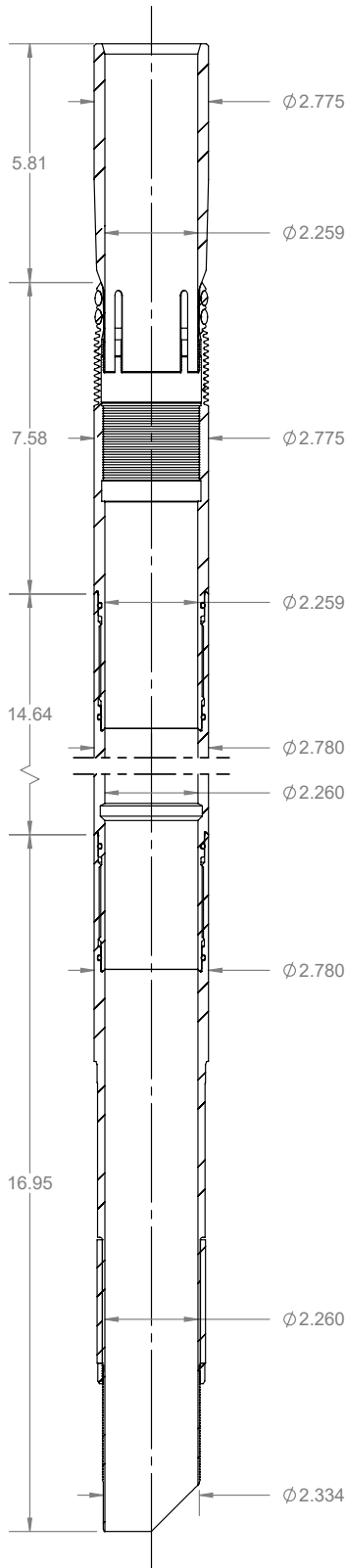


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QTY.	DESCRIPTION	PART NUMBER	MATERIAL
	LOWER STINGER ASSEMBLY	STX-3500-0093-2200	NOTED
1	STANDARD STINGER L.H. W/90 DEG WICKER	STX-3500-0093-2220	4140
1	STANDARD RECEIVER	STX-3500-0093-2530	4140
OPT	10 FT. SECTION	GTX-3500-0093-1010	L-80
1	SEAL RETAINER RING L/H	STX-3500-0093-2555	4140
1	WICKER LATCH COLLET	STX-3500-0093-2551	4140
1	"V" SEAL STACK	STX-3500-0093-2500	VITON / TEFLON / RYTON
2	O-RING	OOO-V569-142	VITON
2	O-RING	OOO-V569-143	VITON
1	DEPLOYMENT AND RETRIEVAL TOOL	DRT-3500-0093-1001	NOTED
	STANDARD STINGER ASSEMBLY	STX-3500-0093-2600	NOTED
1	STANDARD STINGER	STX-3500-0093-2230	4140
1	STANDARD RECEIVER	STX-3500-0093-2530	4140
OPT	10 FT. SECTION	GTX-3500-0093-1010	L-80
1	SEAL RETAINER RING	STX-3500-0093-2550	4140
1	WICKER LATCH COLLET	STX-3500-0093-2551	4140
1	"V" SEAL STACK	STX-3500-0093-2500	VITON / TEFLON / RYTON
2	O-RING	OOO-V569-142	VITON
2	O-RING	OOO-V569-143	VITON
1	DEPLOYMENT AND RETRIEVAL TOOL	DRT-3500-0093-1001	NOTED
	TOP STINGER ASSEMBLY	STX-3500-0093-2300	NOTED
1	TOP SEAL BORE RECEIVER	STX-3500-0093-2330	4140
1	STANDARD STINGER	STX-3500-0093-2230	4140
1	10 FT. SECTION	GTX-3500-0093-1010	L-80
1	SEAL RETAINER RING	STX-3500-0093-2550	4140
1	WICKER LATCH COLLET	STX-3500-0093-2552	4140
1	"V" SEAL STACK	STX-3500-0093-2500	VITON / TEFLON / RYTON
2	O-RING	OOO-V569-142	VITON
2	O-RING	OOO-V569-143	VITON
1	DEPLOYMENT AND RETRIEVAL TOOL	DRT-3500-0093-1001	NOTED

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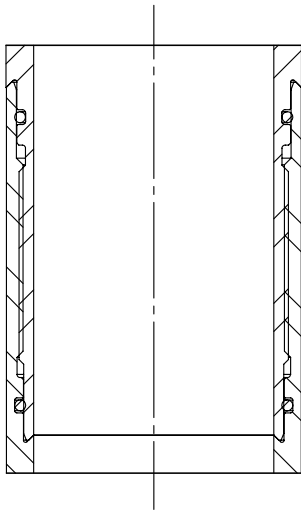


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QTY.	DESCRIPTION	PART NUMBER	MATERIAL
1	TOP COMPLETION	STX-3500-0093-2400	NOTED
2	ELASTOMER	GTX-3500-0093-6000	HSN
1	PIN ELEMENT	GTX-3500-0093-1210	4140 L-80
1	TOP SWAGE	GTX-3500-0093-1110	4140 L-80
2	O-RING	OOO-V569-142	VITON
2	O-RING	OOO-V569-143	VITON
1	42 - 43K SHEAR RING	PAT-3500-058	1026
1	SLEEVE NUT	SET-2687-130	4140/4142
1	SLEEVE LOCK NUT	SET-2125-121	4130 / 4140 / 4142
1	SETTING SLEEVE	SET-2125-160	4140
1	QUICK CHANGE NUT	SET-2687-131	4130 / 4140 / 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
1	ROD TANDEM CONNECTOR	SET-2125-133	4130 / 4140 / 4142
1	BOTTOM ROD	SET-2125-136	4130 / 4140 / 4142
1	RELEASE RING ADAPTER	SET-2125-145	4130 / 4140 / 4142
1	COLLET	SET-2125-161	4130 / 4140 / 4142
1	COLLET SUPPORT	SET-2125-155A	4140 / 4130
1	PROFILE SUB	STX-3500-0093-2450	4140
1	SEAL RETAINER RING	STX-3500-0093-2554	4140
1	"V" SEAL STACK	STX-3500-0093-2500	VITON / TEFLON / RYTON
1	TOP STINGER	STX-3500-0093-2340	4140

SECTION SPECIFICATIONS:

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PART NUMBER	LENGTH (INCHES)	OAL (INCHES)	WEIGHT (LBS.)	MATERIAL
GTX-3500-0093-1010	123.32	120	68.1	L-80
GTX-3500-0093-1005	63.32	60	34.1	L-80
GTX-3500-0093-1002	27.32	24	13.6	L-80

PATCH TENSILE RATING	44,000 LBF
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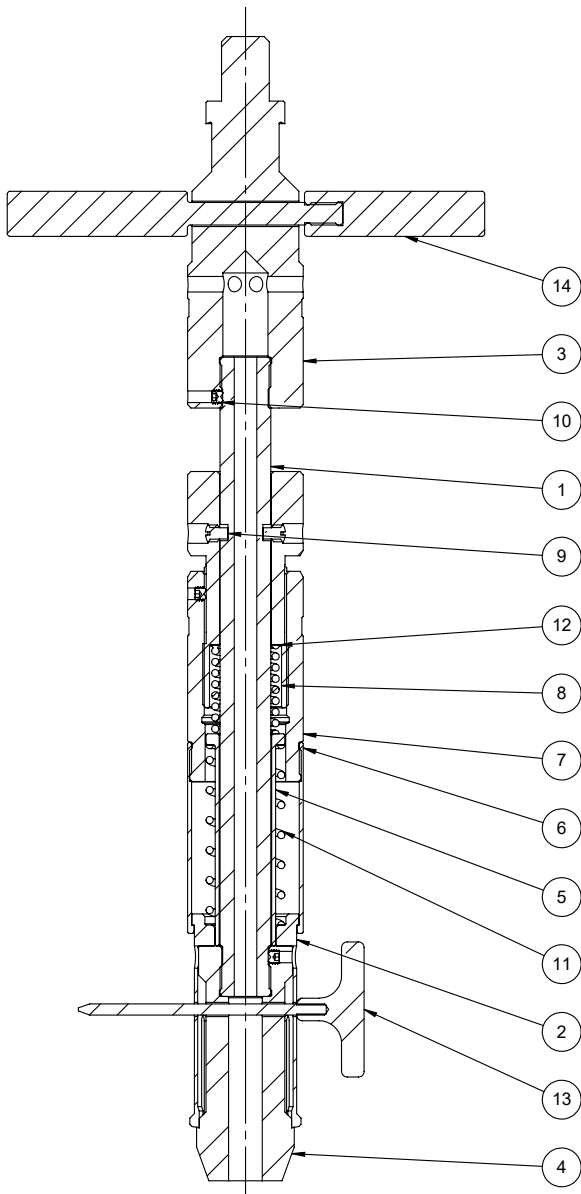
SYSTEM WEIGHTS

	WEIGHT (LBS.)
STX-3500-0093-2100	113.6
STX-3500-0093-2200	102.4
STX-3500-0093-2300	102.4
STX-3500-0093-2600	102.4
STX-3500-0093-2400	117.7

SETTING TOOL OPTIONS:

HYDRAULIC			WEIGHT (LBS)
SET-2687-200	2-11/16 HYDRAULIC		150
	SCREEN SUB	OT0798-288A-000	
	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	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DRT-2875-0065-1080	INNER MANDREL	1
2	DRT-3500-0093-1020	LATCH COLLET	1
3	DRT-3500-0093-1060	TOP DRIFT CONNECTION	1
4	DRT-3500-0093-1010	MANDREL NOSE	1
5	DRT-2875-0065-1040	SPRING STOP	1
6	DRT-3500-0093-1030	COLLET HOUSING	1
7	DRT-3500-0093-1070	COLLET HOUSING SUB	1
8	DRT-3500-0093-1050	SCREW HOUSING	1
9	DRT-2875-0065-1661	3/8-16 DOG NOSE 1/2 INCH	4
10	PUR-0501-061	SET SCREW 5/16X18 X1/4 LONG	3
11	ST-010-2875-1001	COLLET SPRING	1
12	ST-010-2875-1002	RELEASE SPRING	1
13	DRT-5500-0230-0010	INSTALLATION TOOL	1
	DRT-5500-0230-0011	SUPPORT ROD	1
	DRT-5500-0230-0012	HANDLE	1
14	DRT-5500-0230-0020	HANDLING TOOL	1
	DRT-5500-0230-0021	PIN HANDLE	1
	DRT-5500-0230-0022	BOX HANDLE	1