

TECHNICAL INFORMATION:



CASING O.D. (in)	5.5
CASING WT. (lb/ft)	15.5
CASING I.D. (in)	4.950
PATCH MAX. RUNNING O.D. (in)	4.790
PATCH I.D. AFTER SETTING (in)	4.250
PATCH DRIFT I.D. (in)	4.125
BURST HYDRAULIC RATING (psi)	4480
COLLAPSE HYDRAULIC RATING (psi)	4830

QTY.	DESCRIPTION	PART NUMBER	Material
	X-SPAN SYSTEM	PAT-5500-004	NOTED
1	PIN ELEMENT	PAT-5500-050	1018/1026
1	BOX ELEMENT	PAT-5500-051	1018/1026
1	TOP SWAGE	PAT-5500-054	4140/4142
1	BOTTOM SWAGE	PAT-5500-055	4140/4142
1	O-RING	OOO-V569-156	VITON
1	O-RING	OOO-V569-157	VITON
1	60 K SHEAR RING	PAT-4500-047	4140
1	10 FT. SECTION	PAT-5500-057	1026 DOM
	5 FT. SECTION	PAT-5500-058	1026 DOM

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

PRODUCT OFFERINGS:

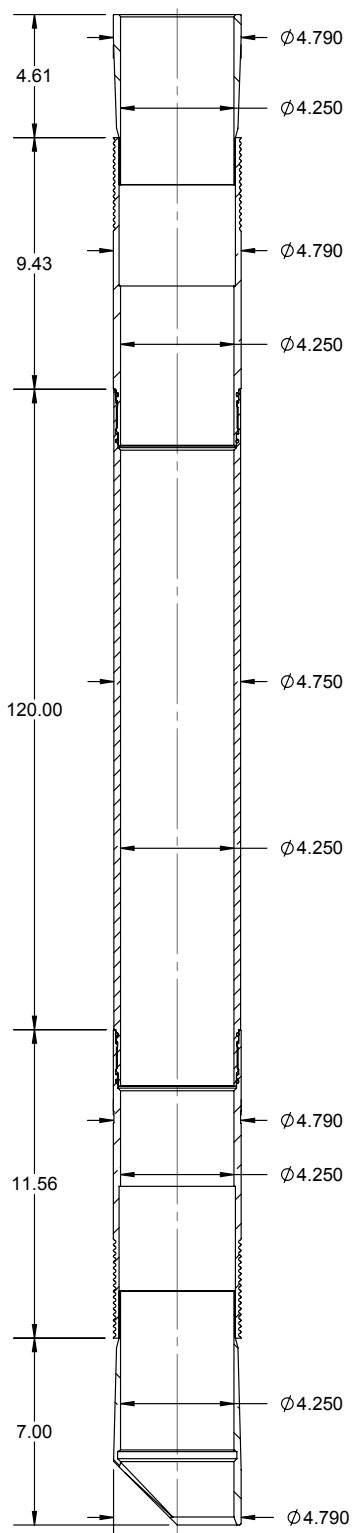
The Owen X-SPAN[®] System is an economical, proven, durable and dependable sealing system for the isolation of perforations, splits, corrosion or leaks in all types of tubulars and conditions. This system can utilize a multitude of deployment methods in all types of well bores. The large bore assures easy passage of service tools including bridge plugs, drop balls, seal bore assemblies, logging tools and perforating systems. The minimal surface equipment required for deploying the patch and rig less intervention results in significant savings for the operator.

BENEFITS/CAPABILITIES:

The X-SPAN[®] System Offers:

- A proven, durable and dependable seal
- Deployment on electric wireline, tubing, drill pipe or coil tubing in vertical, deviated or horizontal or geothermal well bores
- An economical and reliable solution for a broad range of applications
- A large bore for easy passage of service tools
- Minimal surface equipment required for deployment

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1	PIN ELEMENT	PAT-5500-050	1018/1026
1	BOX ELEMENT	PAT-5500-051	1018/1026
1	TOP SWAGE	PAT-5500-054	4140/4142
1	BOTTOM SWAGE	PAT-5500-055	4140/4142
2	O-RING	OOO-V569-156	VITON
2	O-RING	OOO-V569-157	VITON
1	60 K SHEAR RING	PAT-4500-047	4140
1	SET SCREW 1/4 INCH X 20 TPI, 5/16 INCH	PUR-0501-030	ALLOY
1	10 FT. SECTION	PAT-5500-057	1026 DOM
1	SLEEVE NUT	SET-3250-120	4140/4130
1	SLEEVE LOCK NUT	SET-3250-121	4140/4130
1	SETTING SLEEVE ASSY	SET-3250-152	NOTED
	BLANK SLEEVE	SET-3250-150	1018/1026
	BOTTOM GUIDE	SET-3250-153	1018/1026
	BLANK NUT	SET-3250-149	4130/4140
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 EXTENDED	SET-3250-136L	4140/4130
1	COLLET ASSEMBLY	SET-3250-158	NOTED
1	COLLET BODY	SET-3250-159	4140
	END SUB	SET-3250-156	4130/4140
	COLLET SUPPORT	SET-3250-157	4130/4140/4142
1	ROD SUPPORT	SET-3250-161	ALUMINIUM
1	BOX DRIFT	DRF-5500-0155-OBOX	4140/4142/4130
1	PIN DRIFT	DRF-5500-0155-OPIN	4140/4130/4142

MINIMUM EQUIPMENT REQUIRED FOR 10 FT. SYSTEM

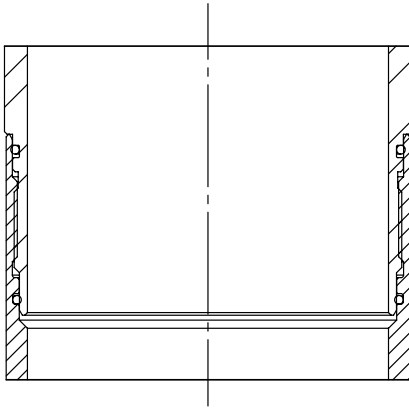


X-SPAN System[®]

Tubing Casing Patch

PAT-5500-004, 5.5 INCH 15.5 PPF.

EXTENSION SPECIFICATIONS:



PART NUMBER	LENGTH (INCHES)	OAL (INCHES)	WEIGHT (LBS.)	MATERIAL
PAT-5500-057	120	122.13	111	1018-1026
PAT-5500-058	60	62.13	55	1018-1026

PATCH TENSILE RATING	56,000 LBF.
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SYSTEM WEIGHTS

	WEIGHT (LBS.)
PAT-5500-004	30
10 FT PATCH RUNNING WEIGHT	249
EA. ADDITIONAL 10 FT. LGTH ADD	173

SETTING TOOL OPTIONS:

HYDRAULIC		WEIGHT (LBS)
3.125 INCH HYDRALUIC SETTING TOOL	SET-3125-010	300
	SCREEN SUB	TT0798-288A
	CIRCULATION SUB	SET-2875-010
	DUMP SUB	OT0710-288B-000

PYROTECHNIC		WEIGHT (LBS)
3.25 INCH MULTISTAGE SETTING TOOL	SET-3250-010	206