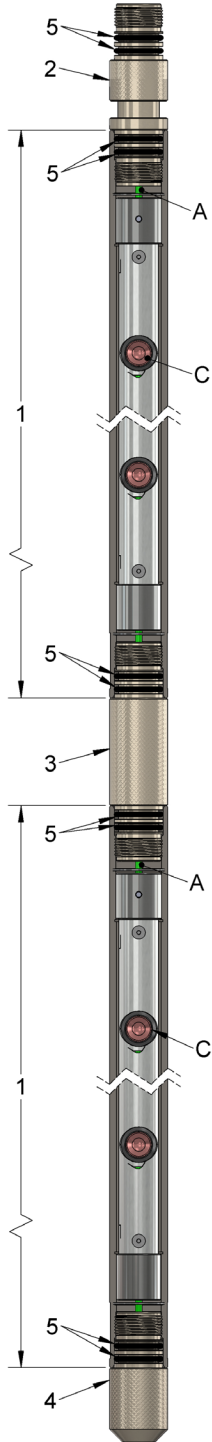




# PAC™ Tubing Punch 1-9/16" 4spf 0° Threaded Gun System

## PRODUCT INFORMATION:



ITEM	PART NO.	DESCRIPTION
1	S16-0438-O02A	Shipping Assembly, 1-9/16" x 2', 4 spf, 0° (4 shots)
	S16-0438-O04A	Shipping Assembly, 1-9/16" x 4', 4 spf, 0° (12 shots)
	S16-0438-O07A	Shipping Assembly, 1-9/16" x 7', 4 spf, 0° (24 shots)
	S16-0438-O11A	Shipping Assembly, 1-9/16" x 11', 4 spf, 0° (40 shots)
	S16-0438-O15A	Shipping Assembly, 1-9/16" x 15', 4 spf, 0° (56 shots)
	S16-0438-O21A	Shipping Assembly, 1-9/16" x 21', 4 spf, 0° (80 shots)
2	TAG-1562-280	Top Sub, 1-9/16"
3	TAG-1562-281	Tandem Sub, 1-9/16"
	TAG-1562-285	Orienting Tandem Sub, 1-9/16"
4	TAG-1562-078	Bull Plug, 1-9/16"
5	OOO-N569-215	O-Ring, #215, 90 Duro Nitrile, see ref. section
	OOO-V569-215	O-Ring, #215, 90 Duro Viton, see ref. section
A	A538010	Detonating Cord, 40 gr., RDX, LS - see ref. section
	A545010	Detonating Cord, 40 gr., HMX, LS - see ref. section
	DET-0500-011	Detonating Cord, 40 gr., HNS, LS - see ref. section
	A574010	Detonating Cord, 60 gr., HMX, LS - see ref. section

ITEM	CHARGE PART NUMBER	EXPLOSIVE TYPE	HOLE SIZE (IN.)	*PENETRATION (IN.)
C	PAC-1562-450	HMX	0.31	0.125 - 0.188
	PAC-1562-451	HMX	0.39	0.250 - 0.375
	PAC-1562-453	HMX	0.41	0.375 - 0.500
	PAC-1562-455	HMX	0.40	0.500 - 0.625
	PAC-1562-457	HMX	0.28	0.625 - 0.750
	PAC-1562-459	HMX	0.19	0.813 - 0.875

## SPECIFICATIONS:

Pressure Rating	172.4 Mpa	25,000 psi
Temperature Rating	UP TO 260°C	UP TO 500°F
Tensile Strength	28,470 daN	64,000 lbf
Carrier Thread	1-9/32-12 Stub Acme	
Gun Weight Loaded	4.06 kg/m	2.72 lb/ft
Torsional Yield	949 N•m	700 lb-ft

**\*NOTE: Consult Owen for casing grades above P-110 or containing chrome**