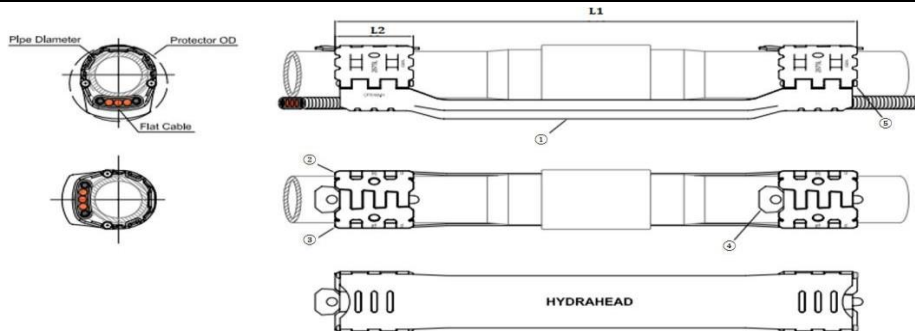


**HYDRAHEAD****TECHNICAL DATA SHEET  
CABLE PROTECTORS****ESP CABLE PROTECTOR**

<b>Product Name</b>	CABLE PROTECTOR - TUBING 2 7/8" - 3 1/2" - 4 1/2" - 5 1/2"
<b>Brand</b>	HYDRAHEAD®

**PHYSICAL FEATURES**

<b>Material:</b>	ASTM A1011 CS TYPE B GR33 (Body ① - Right Collar ② - Left Collar ③)
	ASTM A29 5140 - ASTM -A545 (Security Pin ④ - Hinge Pin ⑤)
<b>Dimensions:</b>	L1= 25.20" - L2= 3.78" (2 7/8" - 3 1/2" 4 1/2" 5 1/2")
<b>Cable Type / Caliber / Voltage:</b>	For three phase flat cable / # 1 AWG, # 2 AWG, # 4 AWG / 5KV.

**MECHANICAL FEATURES**

<b>Protector Displacement:</b>	15 KN
<b>Conic Pin Displacement:</b>	4 KN
<b>Pressure:</b>	≤15000 PSI
<b>Temperature:</b>	≤450°F (232 °C)
<b>Hardness</b>	220-240 HB
<b>Treatment Type:</b>	Tropicalized / Galvanized

**APPLICATIONS**

Cable Protector - tubing 2 7/8" - 3 1/2" - 4 1/2"-5 1/2".

**NORMS**

ASTM A 1011/A 1011M Standard specification for Steel

NACE MR0175 Materials for use in environments containing H2S in oil and gas production.

**ADVANTAGES**

<b>Adaptability:</b>	Universal channel that allows installation with cable AWG #1, #2 y #4 with 1-2 capillary tubes 3/8" or without capillary tubes.
<b>Use Conditions:</b>	Heavy Duty
<b>Pipe Type:</b>	All types of tubing (no restriction)
<b>Reuse:</b>	After each workover, carry out maintenance and repair (after-sales service)
<b>Country of origin</b>	China