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**TECHNICAL DATA SHEET**

# ABB cable glands – STED Star Teck® extreme director series

## Industrial applications



The STAR TECK® STED cable fitting for Teck, MC and ACWU cable set the standard for ease of installation, quality engineering and safe, reliable terminations in challenging industrial environments. Designed with a unique feature which allows the fitting to rotate from 90° to 180°, reducing components and installation time.

**Certifications / Standards:**



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**Features & Benefits:**

- Excellent pullout strength
- Robust metallic construction
- Quick and easy installation without disassembly
- Extended clamping range taking
- Provides grounding continuity of cable armor
- Splined gland and gripping features for ease of installation
- Compact and simple elbow installation
- Removable armor-stop for greater cable ranges

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**Applications:**

- Provides means for passing jacketed metal clad cables through a bulkhead or enclosure in industrial and hazardous areas
- Oil and gas Industry, chemical and industrial markets
- Construction and installation zones where metal clad cables are specified
- Installations where available space is limited
- Suitable for cable types:
  - Jacketed Teck and ACWU
  - Armored control and instrument (ACIC)
  - Type MC: Jacketed corrugated metal clad (aluminum and steel)

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**Material:**

- Copper free aluminium

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**Environmental ratings:**
**Working Temperature:**

- Normal use -40 to +90°C (-40 to +194°F)

**Ingress protection:**

- Type 4 / 4X

**Chemical resistance guide:**

- See publication TDS000081

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**Conforms to:**

- CSA E60079-0/-7
  - Ex e II
- CSA C22.2 No.25/-174
  - Class I Div1 ABCD Class II Div1 EFG Class III Div1
  - Refer to CEC for specific applications
- UL2279
  - Class I, Zone 1, AEx e II
- UL514B/50 and CSA C22.2-18.3/-94
  - Wet and Dry Locations
  - Suitable for Class I Div 2, Class II Div 2 and Class III location per NEC
- RoHS (Restriction of Hazardous Substances Directive) 2011/65/EU Incorporating 2015/863 amendment to Annex II

Product selection											
Part no:	Thread (NPT)	Range over jacket		Range over armour		Nominal dimensions					
		Min	Max	Min	Max	A	B	C	D	E	F
STED050	1/2	<b>15.24</b> (0.600)	<b>22.48</b> (0.885)	<b>13.21</b> (0.520)	<b>20.19</b> (0.795)	<b>17.46</b> (0.688)	<b>136.53</b> (5.375)	<b>49.21</b> (1.938)	<b>20.64</b> (0.813)	<b>96.84</b> (3.813)	<b>63.50</b> (2.500)
STED075	3/4	<b>21.84</b> (0.860)	<b>30.61</b> (1.205)	<b>19.81</b> (0.780)	<b>28.58</b> (1.125)	<b>17.46</b> (0.688)	<b>168.40</b> (6.630)	<b>63.50</b> (2.500)	<b>26.99</b> (1.063)	<b>101.60</b> (4.000)	<b>76.20</b> (3.000)

Bold numbers are metric, parenthesis numbers are inches.

Note: Product must be installed in accordance with applicable national and local electrical codes.

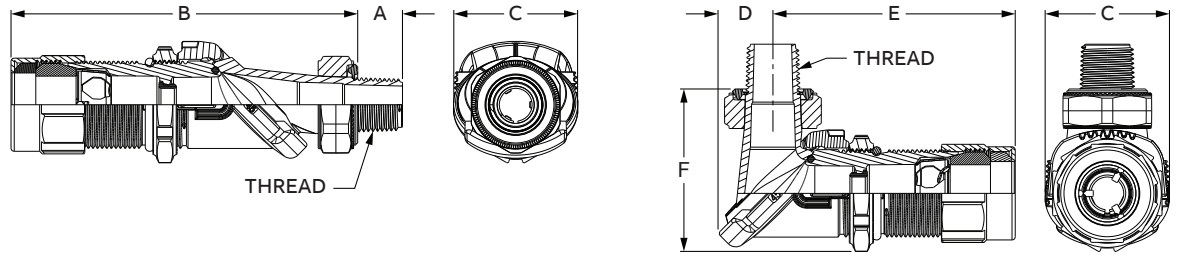


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