

# ELLIS

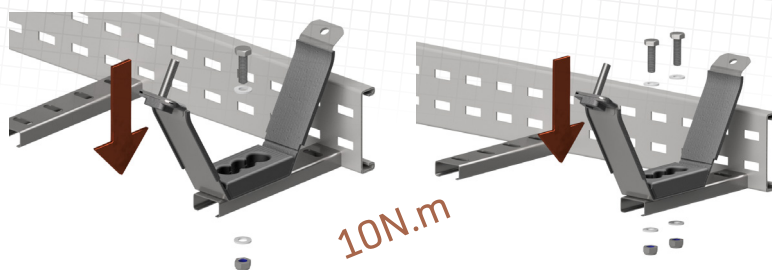
Holding Power

# VULCAN™



## INSTALLATION INSTRUCTIONS

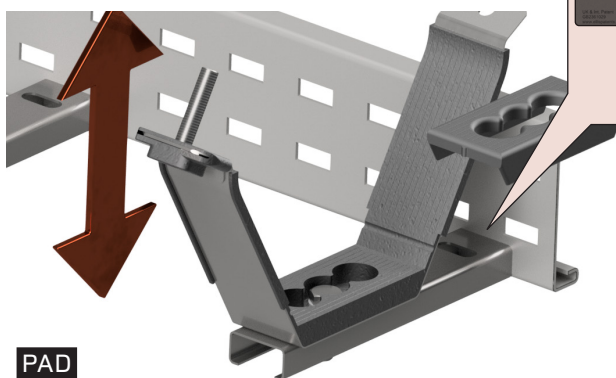
1



## MOUNTING

Place the cleat onto the mounting surface and secure.

2

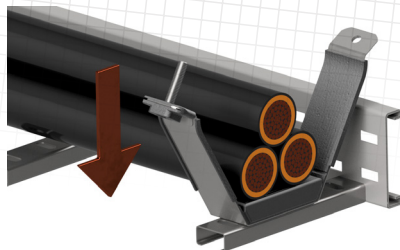
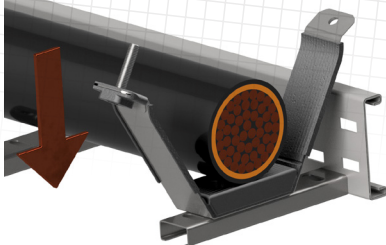


Refer to the cleat label to determine the correct base pad, dependant on your cable diameter.

## PAD

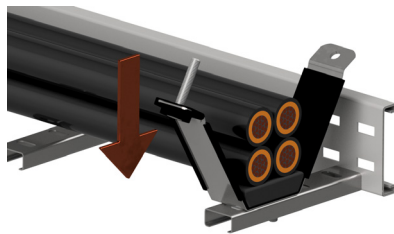
Insert the appropriate pad as required.

3

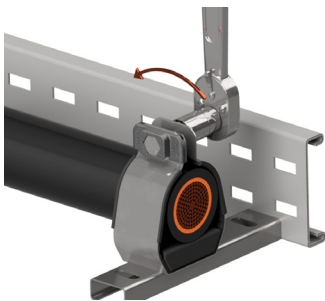


#### LAYING THE CABLE

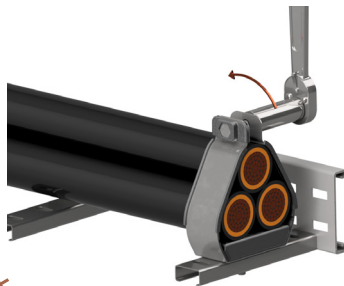
Lay the cable in the cleat.



4

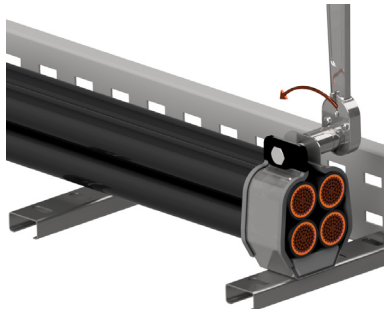


10N.m\*



#### SECURING THE CLEAT

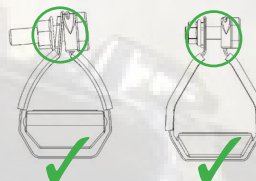
Secure the cleat using a 15mm toolset ensuring it is correctly torqued.



# CABLE TORQUE

The cleat's appropriate tightening torque can depend on the cable type. Lower torques are more appropriate for unarmoured cables with soft outer sheaths and higher torques are more applicable for large armoured cables. The table below provides torque guidelines. These figures should be used as a guide only and care should always be taken on site to ensure the cable is not damaged by excessive tightening.

**PARALLEL FLANGES:** Providing the cleat can be tightened with a minimum of two thread pitches protruding past the nut, the installation is suitable. The flanges do not have to meet up or be parallel, providing they are bolted together with a sufficient exposed thread.



\*10N.m torque is only advisory, install torque value may vary depending on the cable used. For a safe install of Vulcan+ cleats there must be 3 complete threads protruding past the flange nut and the liner must be firmly gripping the cables within the cleat.

**Please note:** Thread galling is a known phenomenon that occurs when using stainless steel fasteners. A breakdown in the material's protective oxide layer results in the set screw and nut becoming welded together. To reduce the incidence of thread galling, please avoid excessive speed and pressure during installation. Thread lubricants can also be used at the point of application. If you have any problems, please contact Ellis Patents for further information.



Conduit & cable hardware  
4CGB with AH-2 & wet  
locations.

Range listed as follows:  
VRT+00 to VRT+18 &  
VRQ+01 to VRQ+09.

**Mounting  
orientation:**  
Horizontal or  
Vertical.

UL bolt torque  
values:

VRT+06: 70 lbf-in

VRQ+03: 35 lbf-in

**Note:** UL bolt torque  
values may not  
represent the most  
ideal bolt torque setting  
for your cable.

**Ellis Patents Ltd**  
High Street, Rillington, Malton  
North Yorkshire YO17 8LA  
United Kingdom

T. +44 (0)1944 758395  
F. +44 (0)1944 758808  
sales@ellispatents.co.uk  
www.ellispatents.co.uk

Inst 165 Issue 3  
12/12/25