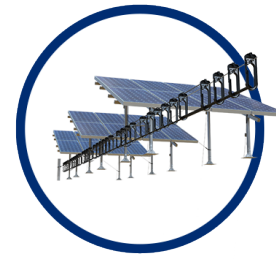




Applications



Solar Structural

Product Specification

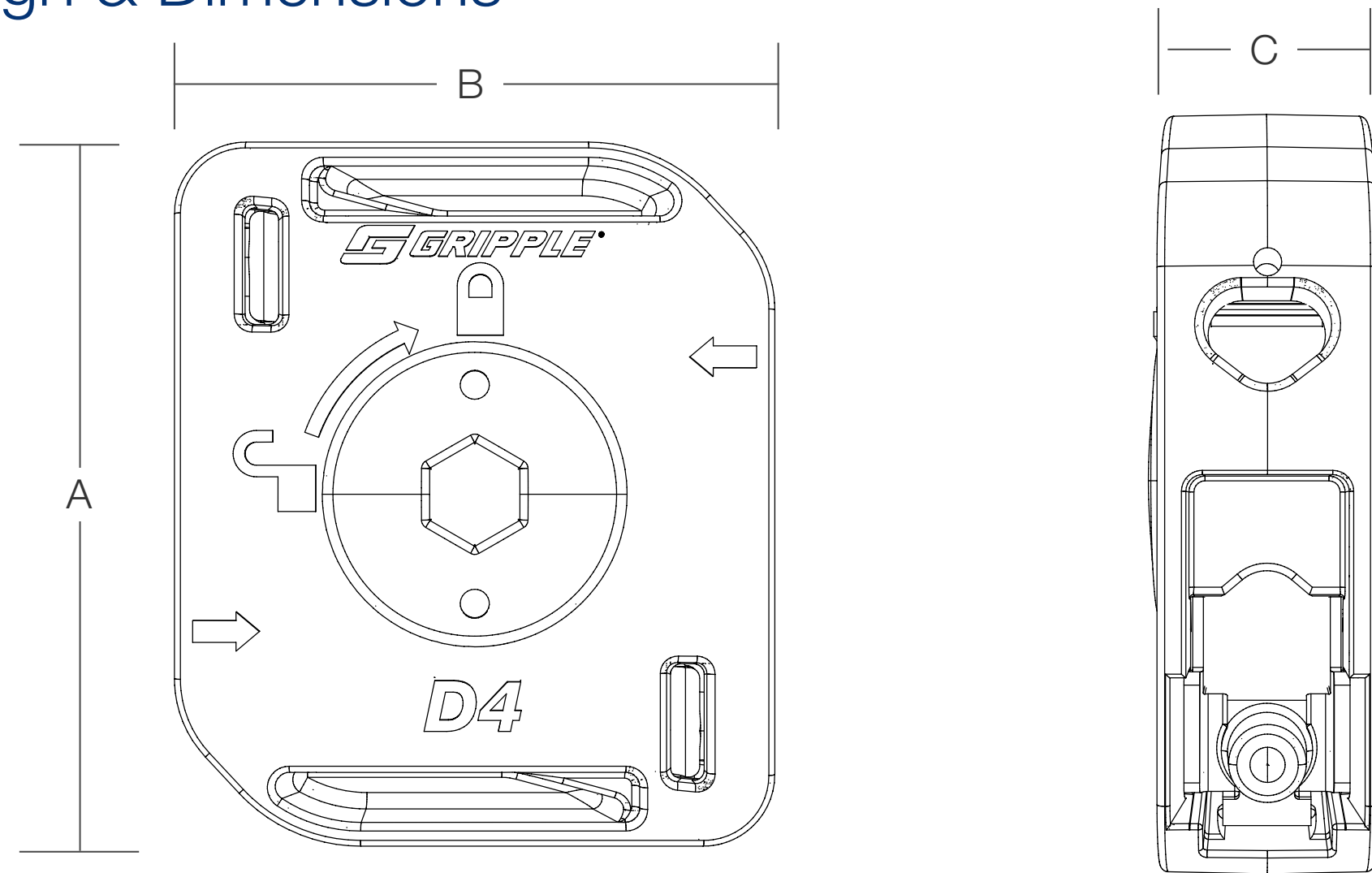
Performance

	Bracing Kit 3	Bracing Kit 4	Bracing Kit 6
Working Load	400 kg 880 lbs	750 kg 1650 lbs	1750 kg 3850 lbs
Breaking Load	800 kg 1760 lbs	1200 kg 2646 lbs	2200 kg 4850 lbs
Working Temperature	-20 °C to +70 °C -4 °F to +158 °F		
Design Life	30 years +		

Material

- Wire Rope: Steel
- Wire Rope Coating: Zinc Aluminium
- Tensioner Housing: Zinc Alloy (ZA2)
- Tensioner Spring: Stainless Steel
- Tensioner End Cap: Polypropylene
- Tensioner Roller: Sintered Ceramic
- Optional Protective Tubing: Rubber
- Optional 45 Degree Bracket: Hot Dip Galvanised Steel

Design & Dimensions



Dimensions

	Bracing Kit 3	Bracing Kit 4	Bracing Kit 6
Wire Diameter	3 mm 0.12 in	4 mm 0.15 in	6 mm 0.24 in
Wire Construction	1x19	1x19	7x19
Wire Tensile Strength (N/mm ²)	1770 N/mm ² 1305 lb-ft		
Wire Coating Minimum Thickness (g/m ²)	60	70	30
Wire Coating Class	Class B		
A - Tensioner Height:	33 mm 1.3 in	49 mm 1.92 in	62 mm 2.44 in
B - Tensioner Width:	30 mm 1.18 in	42 mm 1.65 in	42 mm 1.65 in
C - Tensioner Depth:	10 mm 0.39 in	14 mm 0.55 in	14 mm 0.55 in

Packaging

	Bracing Kit 3	Bracing Kit 4	Bracing Kit 6
Product weight	0.5 kg 1.1 lbs	0.95 kg 2 lbs	1.62 kg 3.6 lbs
Box quantity	20	5	4
Box weight	10 kg 22 lbs	4.75 kg 10.5 lbs	6.5 kg 14.3 lbs
Boxes per pallet	81		
Products per pallet	1620	405	324
Weight of pallet	825 kg 1820 lbs	400 kg 880 lbs	540 kg 1190 lbs

*Note - Based on standard kit sizes

Installation - 45 degree eyelet

1



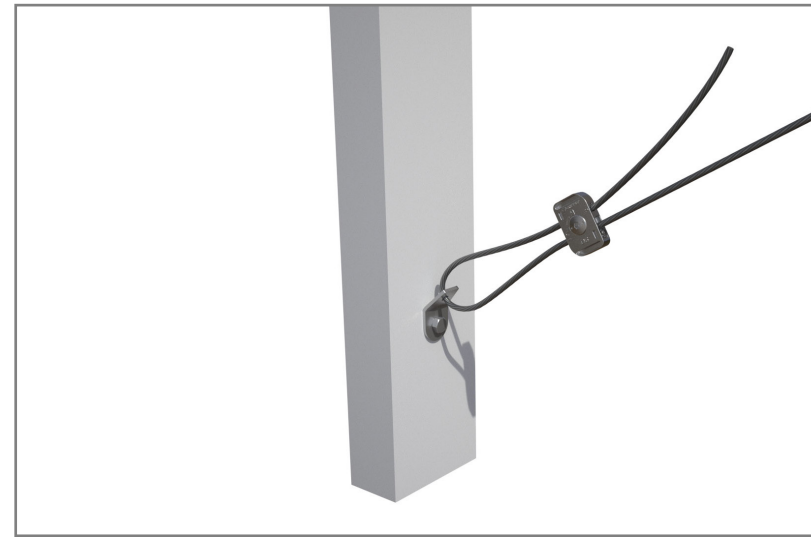
Fix eyelet end fixings to the frame.

2



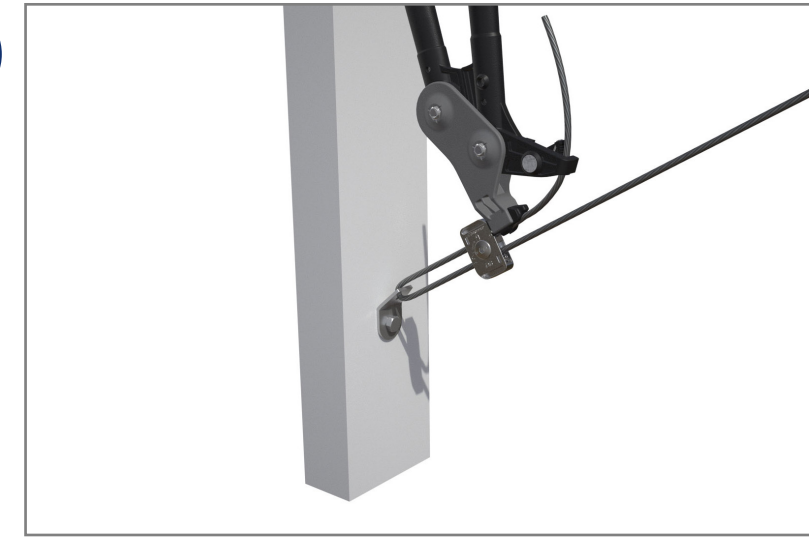
Slide the Dynamic tensioner onto the loose end of the wire leaving around 1m of tail wire.

3



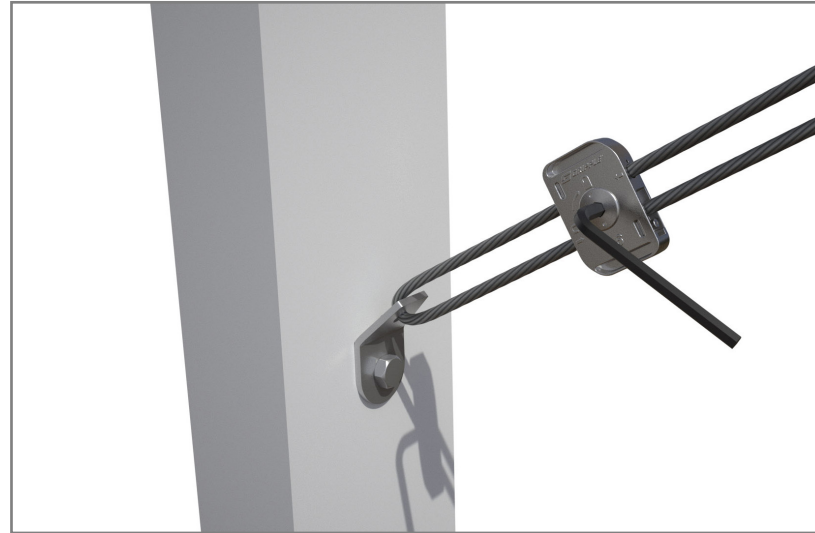
Pass the wire through the second eyelet and back through the Dynamic to create a loop, then pull hand tight.

4



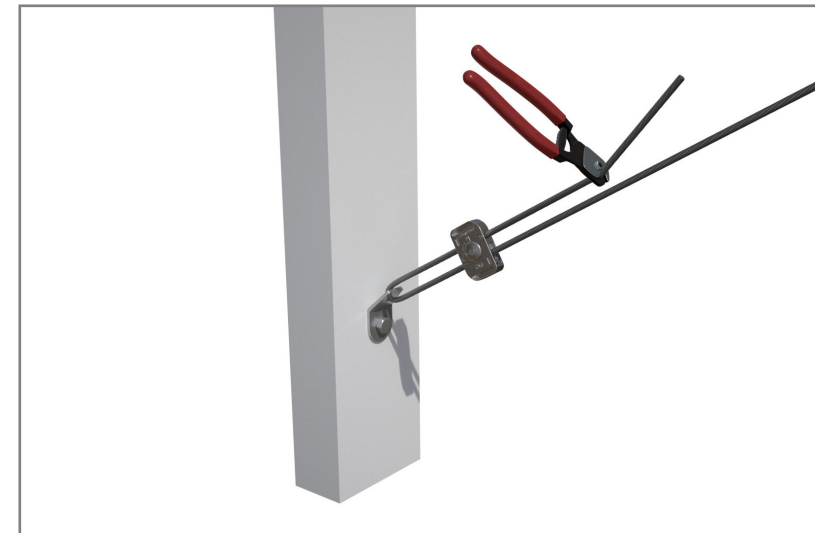
Use the Torque Tool to apply the desired tension.

5



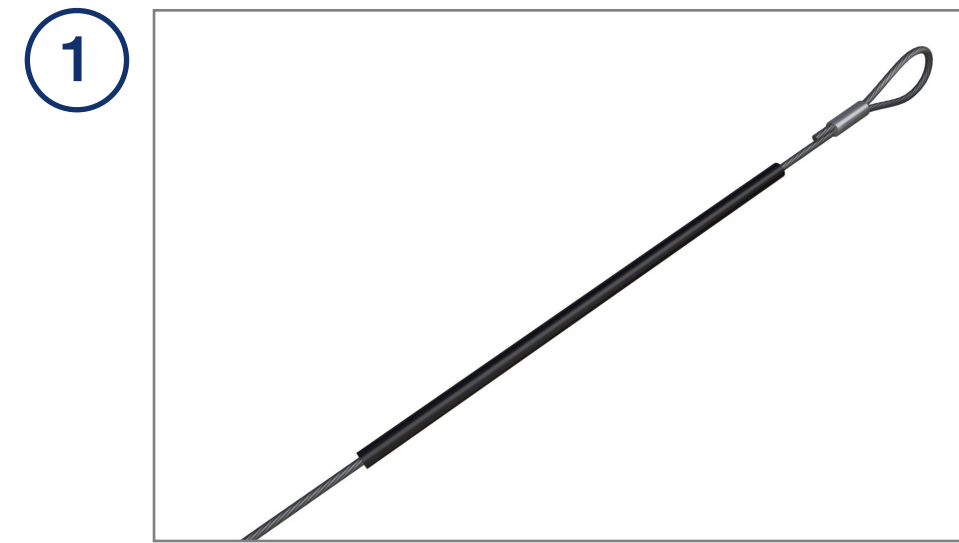
Lock the Dynamic tensioner using the provided allen key.

6

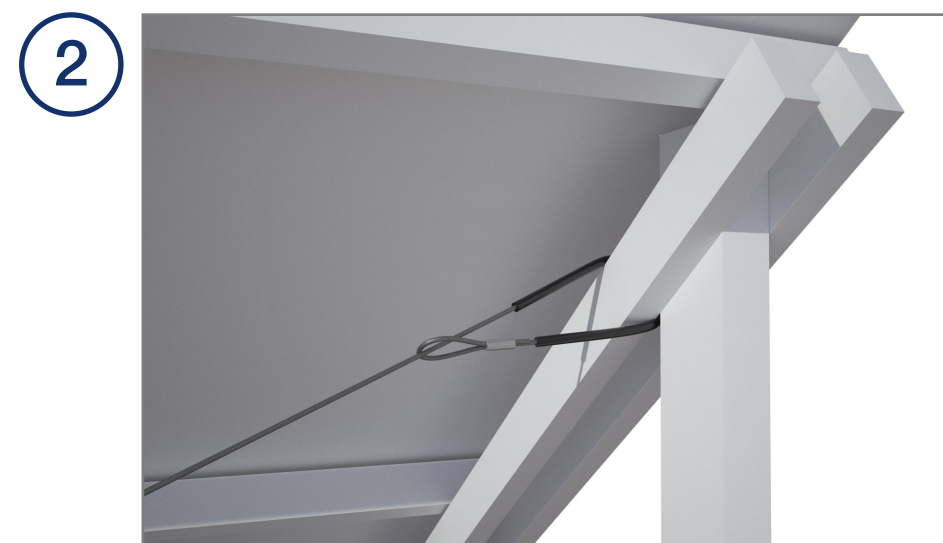


Cut any excess wire or wrap the wire around the brace to avoid waste.

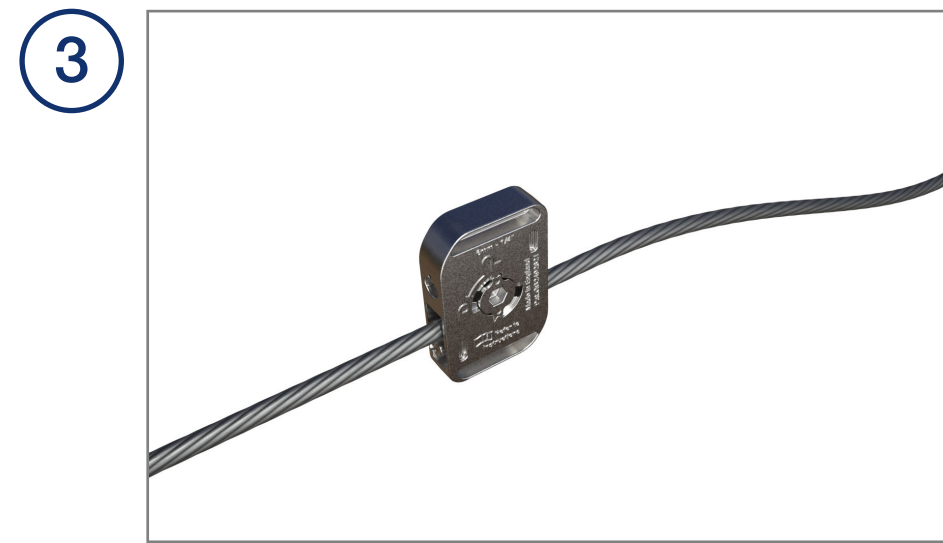
Installation - Loop



1 Add protective rubber tubing to the loose end of the wire and slide down to the loop.



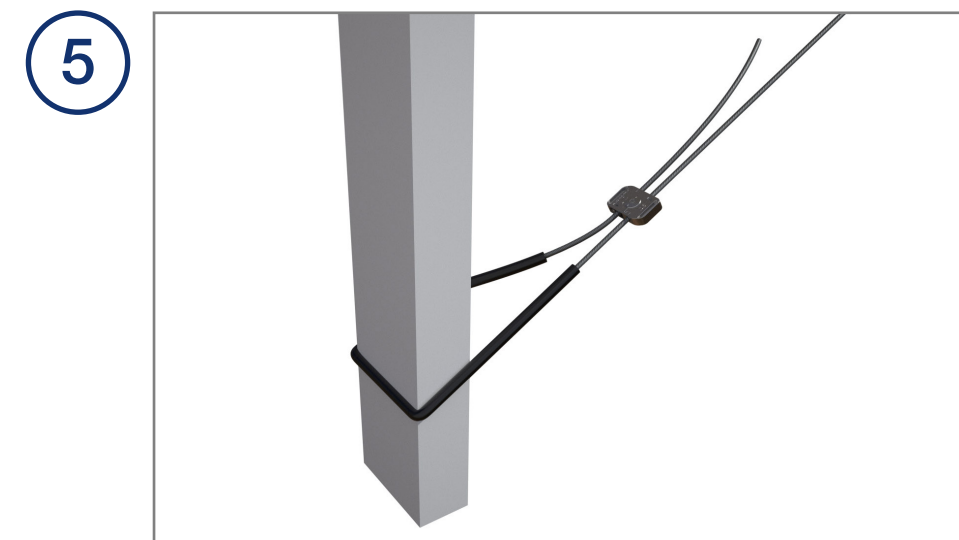
2 Choke the loop end fixing around your fixing point or structure (using the protective tubing to stop abrasion).



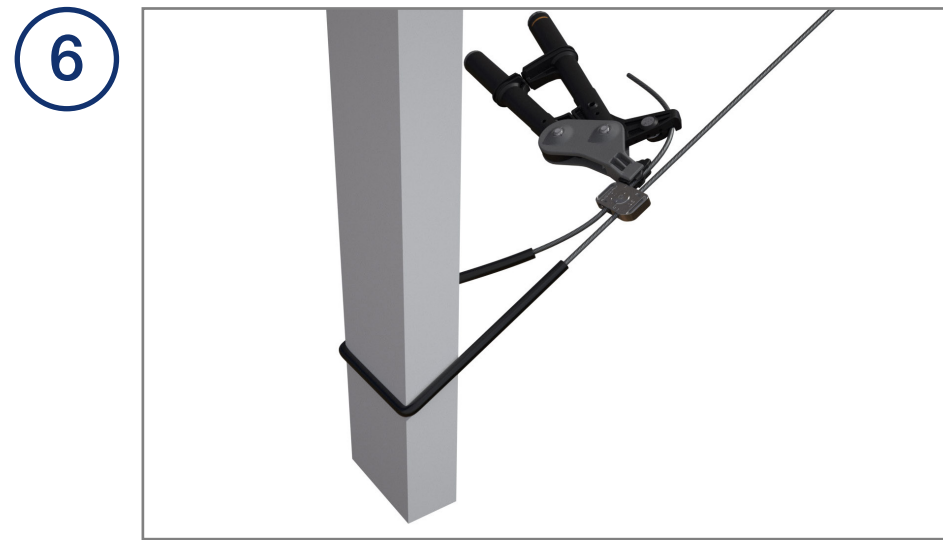
3 Slide the Dynamic tensioner onto the loose end of the wire leaving around 1m of tail wire.



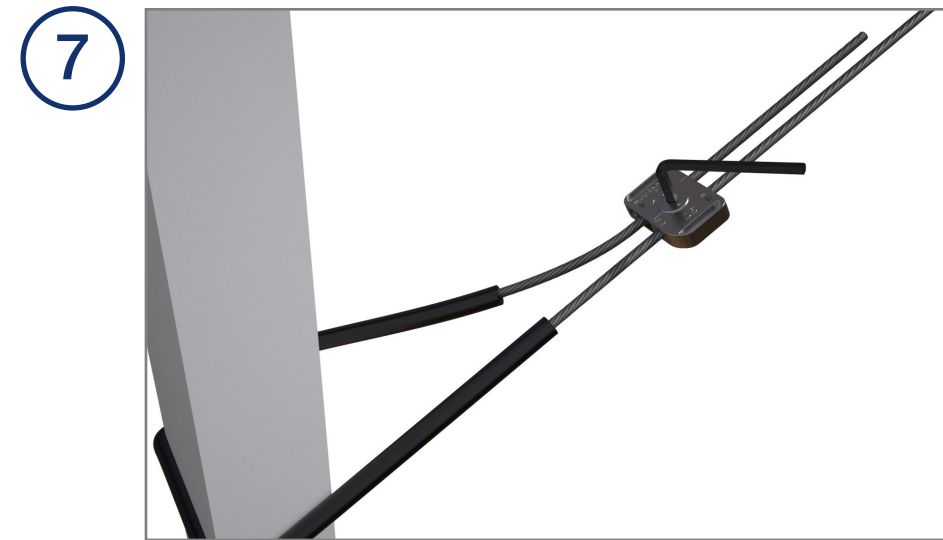
4 Add the second protective tubing to the loose end of the wire.



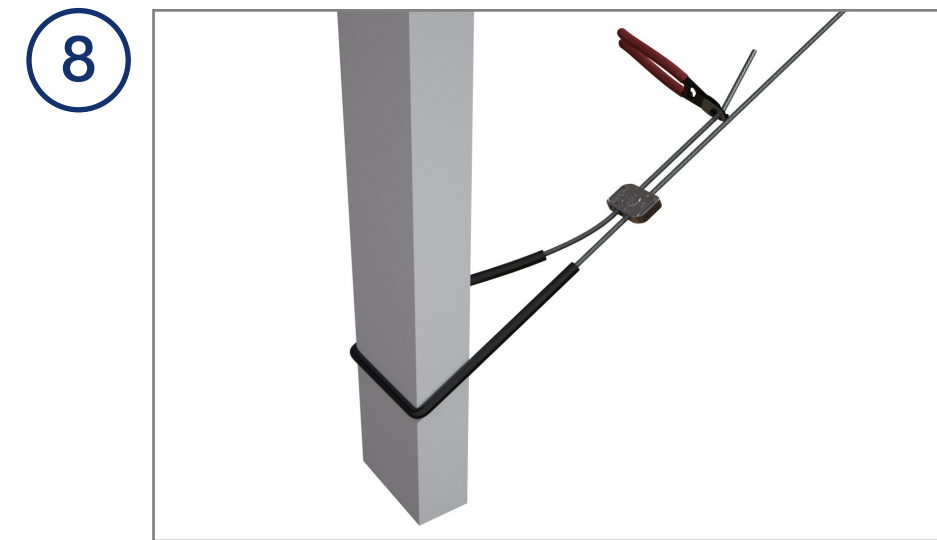
5 Pass the wire around the second fixing point or structure (using the protective tubing to stop abrasion) and back through the Dynamic to create a loop, then pull hand tight.



6 Use the Torque Tool to apply the desired tension.



7 Lock the Dynamic tensioner using the provided hex key.



8 Cut any excess wire or wrap the excess wire around the brace to avoid waste.