



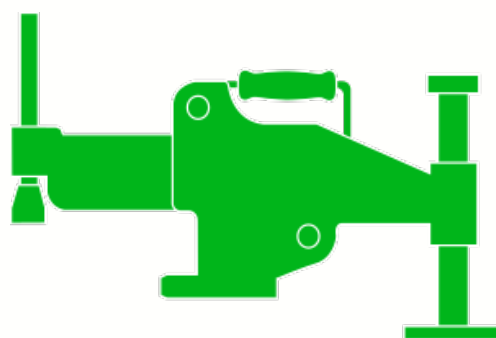
RenQuip



OPERATION MANUAL

TALON

Flange Lifting Hook



Engineered Energy Equipment

www.renquip.com



Contents

1. Introduction	Page 2
2. Safety information	Page 3
3. Specification	Page 4
4. Operation	Page 5

1.0 Introduction

The RenQuip Talon is a lifting device designed and manufactured to assist in the safe lifting and handling of flanges.

Manufactured and tested in accordance with EN-13155 from high quality Fram alloy, The RenQuip Talon is proof load tested to twice the Safe Working Load

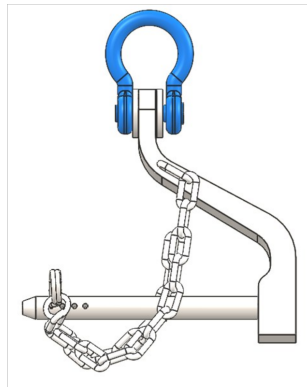
2.0 Safety Information

User Safety



1. The User must be competent in the use of lifting and handling Equipment.
2. The User must read and understand the relevant Instruction Manual for the Equipment.
3. The User must wear the correct Personal Protective Equipment.

Equipment Safety



1. Inspect all equipment prior to use for any signs of damage or wear.
2. Ensure all components have a safe working load above the weight of the flange to be lifted.
3. Do not use equipment over its safe working load.
4. Ensure the working area is free from hazards to the equipment such as sharp objects, heat sources, moving machinery or vehicles.
5. Carry / transport equipment by the handles / cases provided.
6. Store Equipment in a cool dry environment.

3.0 Technical Specification

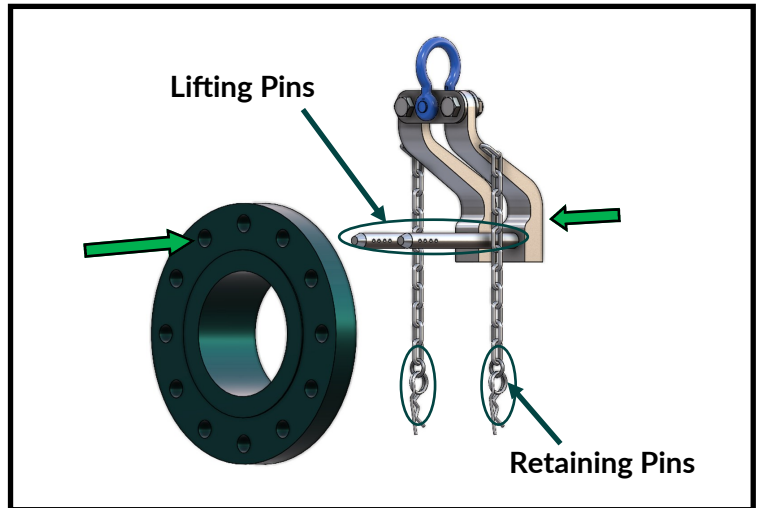
Range of Talon Flange Lifting Hooks

TALON RANGE	FLANGE LIFTING HOOK SPECIFICATIONS		
Product codes	Diameter	Length	Safe Working Load
Talon-19100	19mm Diameter Pin	100mm Long Pin	1,000 kg
Talon-19130	19mm Diameter Pin	130mm Long Pin	750 kg
Talon-19160	19mm Diameter Pin	160mm Long Pin	600 kg
Talon-19190	19mm Diameter Pin	190mm Long Pin	500 kg
Talon-22100	22mm Diameter Pin	100mm Long Pin	750 kg
Talon-22130	22mm Diameter Pin	130mm Long Pin	1,150 kg
Talon-22160	22mm Diameter Pin	160mm Long Pin	900 kg
Talon-22190	22mm Diameter Pin	190mm Long Pin	750 kg
Talon-25130	25mm Diameter Pin	130mm Long Pin	1,700 kg
Talon-25160	25mm Diameter Pin	160mm Long Pin	1,300 kg
Talon-25190	25mm Diameter Pin	190mm Long Pin	1,100 kg
Talon-25220	25mm Diameter Pin	220mm Long Pin	800 kg
Talon-28130	28mm Diameter Pin	130mm Long Pin	900 kg
Talon-28160	28mm Diameter Pin	160mm Long Pin	1,850 kg
Talon-28190	28mm Diameter Pin	190mm Long Pin	1,550 kg
Talon-28220	28mm Diameter Pin	220mm Long Pin	1,300 kg
Talon-30130	30mm Diameter Pin	130mm Long Pin	2,900 kg
Talon-30190	30mm Diameter Pin	190mm Long Pin	1,900 kg
Talon-30250	30mm Diameter Pin	250mm Long Pin	1,400 kg
Talon-32130	32mm Diameter Pin	130mm Long Pin	3,000 kg
Talon-32190	32mm Diameter Pin	190mm Long Pin	2,300 kg
Talon-32250	32mm Diameter Pin	250mm Long Pin	1,700 kg

4.0 Operation of the Talon Flange Lifting Hook

1. Select the correct Talon flange lifting hook for the flange. Ensure the weight of the flange is less than the Safe Working Load for the Talon hook.

2. With the retaining pins disconnected, insert the lifting pins of the Talon into the flange bolt holes.



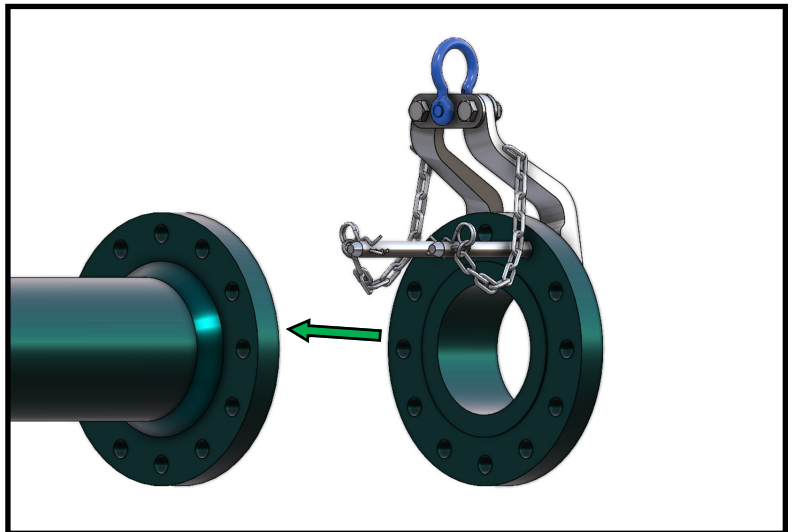
3. Ensure the chains are lifted over the flange to prevent trapping.



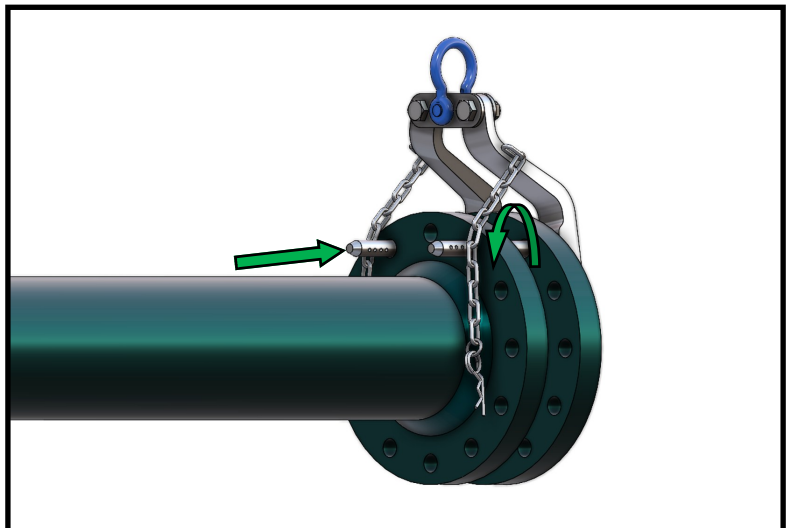
4. Lock the retaining pins into the appropriate holes on the lifting pins.



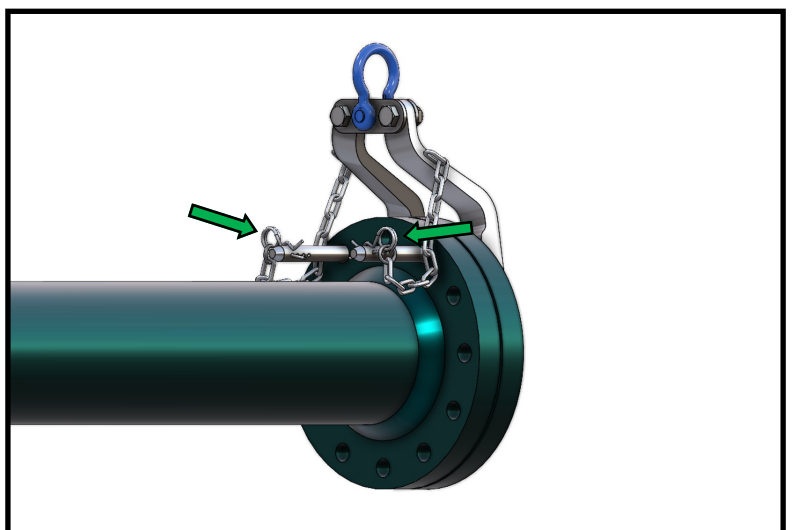
5. Guide the Talon to the mating flange. Once in close proximity to the pipe, remove the Retaining Pins and guide the Lifting pins through the corresponding holes on the mating flange.



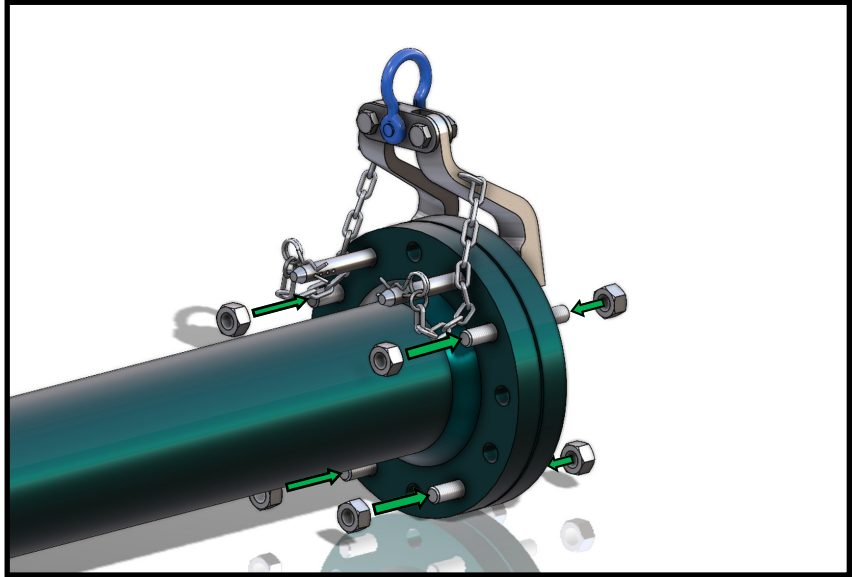
6. Ensure chains are lifted over the mating flange to prevent trapping.



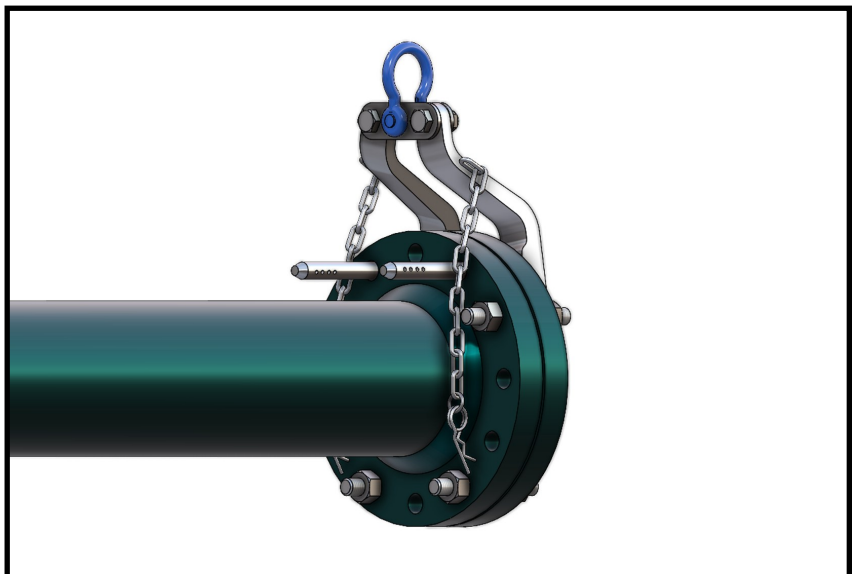
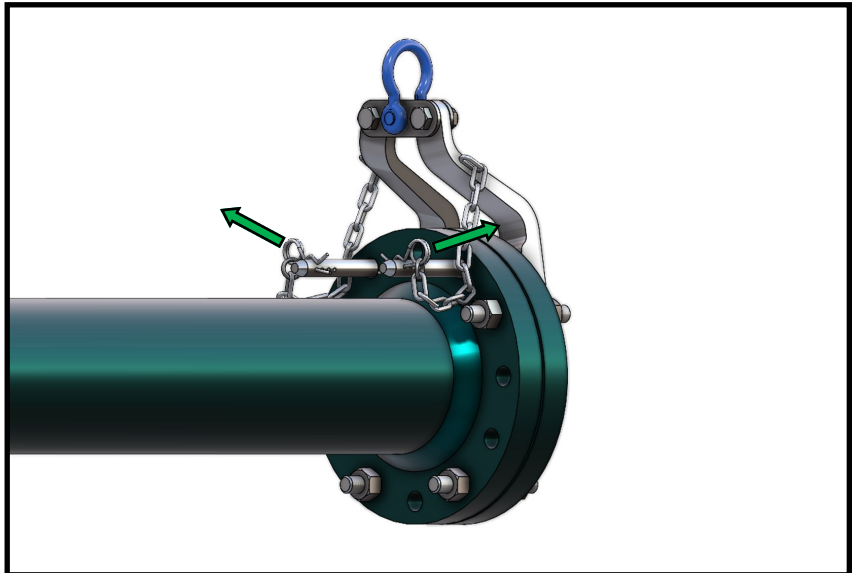
7. Lock the retaining pins into the appropriate holes on the lifting pins.



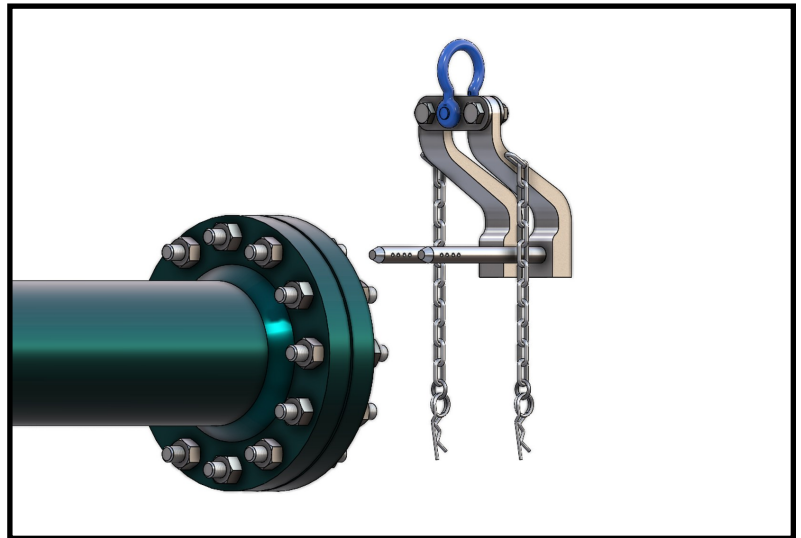
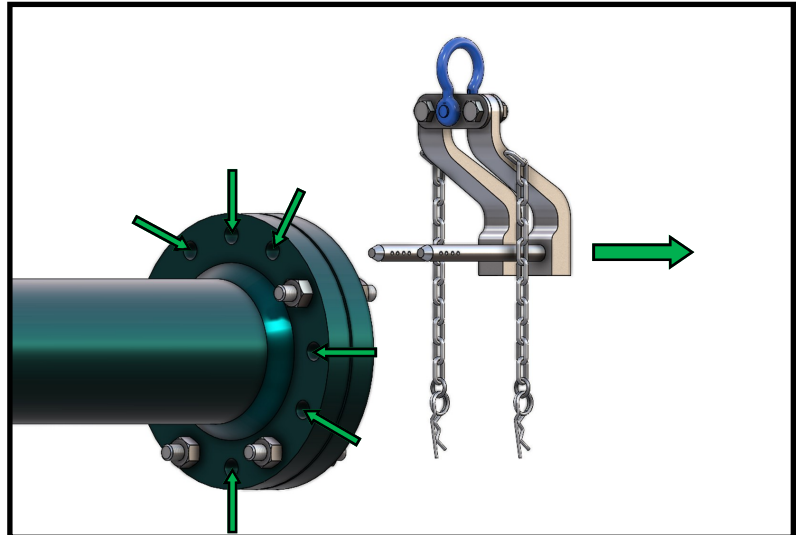
8. Insert a minimum of 4 bolts into the flange joint and secure with nuts.



9. Once nuts are secure, remove the Retaining Pins from the Lifting Pins



10. Carefully removed the Talon from the connected flanges to enable all the bolts to be inserted.



11. Clean the Talon Flange Lifting Hook and store in a cool, dry and Low Humidity location.

Head Office :

RenQuip Ltd

info@renquip.com

Unit 1 Dunnottar House

Tel : +44(0) 1224001861

Howe Moss Drive

www.renquip.com

Dyce

Aberdeen

Scotland

AB21 0FN