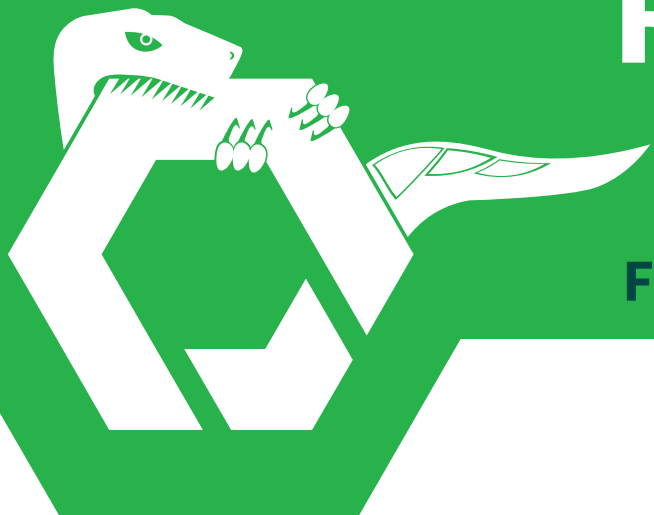




# RAPTOR-6Mi

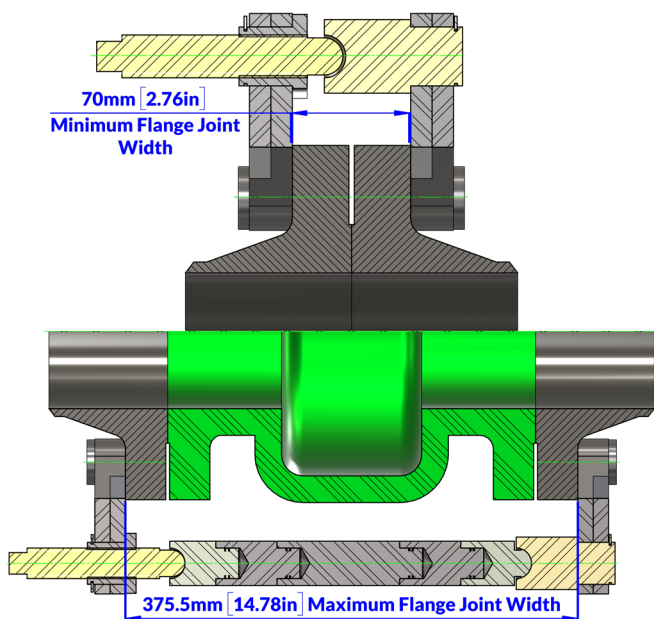
## VALVE REMOVAL FLANGE SPREADING TOOL (Imperial)

### The RenQuip Raptor-6 Valve Removal Flange

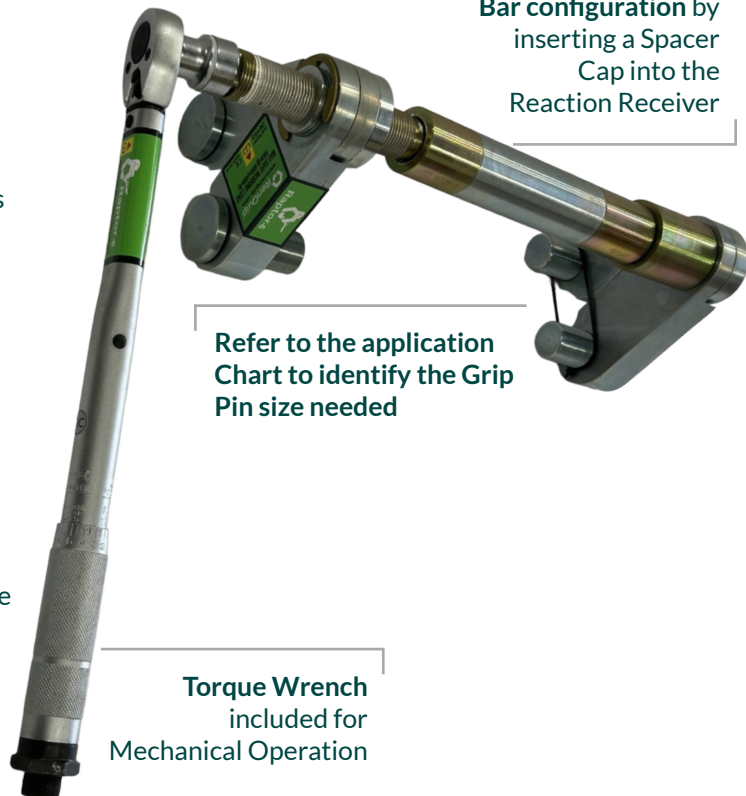
Spreading Tool is designed to open flange joints by gripping in the flange bolt holes of both flanges and pulling the flanges apart. This allows the Raptor-6 to be used for the change out of Valves, Spades, Spacers, Blinds, Seal rings and Gaskets.

- **Max Applied Torque** 60Nm (45ft.lb)
- **Lightweight** 8Kg (17.6lbs)
- **Max Spreading Force** 60kN (30kN per tool)
- **Minimum Flange Joint Width** 70mm (2.76in)
- Mechanically Operated
- 100% Load/Pressure tested and certified
- High durability high quality low maintenance design
- Robust moulded case for easy transportation and storage

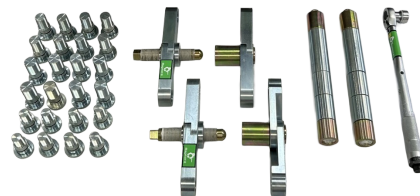
### Application Diagram



Build the required Spacer Bar configuration by inserting a Spacer Cap into the Reaction Receiver



Torque Wrench included for Mechanical Operation



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# RAPTOR-6Mi

## Mechanical Valve Removal Flange Spreading Tool



### RAPTOR-6Mi Content:

- 2 x Actuator Assembly
- 2 x Reaction Assembly
- 2 x Spacer Bar Assembly
- 1 x Torque Wrench Assembly
- 4 x 3/4" Grip Pins
- 4 x 7/8" Grip Pins
- 4 x 1" Grip pins
- 1 x Robust moulded carry case
- 1 x Instruction Manual



**Kit weight:**  
27Kg (29.5lbs)

**Kit Dims.:**  
920mm x 510mm x 210mm  
(36.2" x 20.1" x 8.3")

**Tool Weight:**  
8Kg (17.6lbs)

**Product ordering code:**  
RAPTOR-6MI

### RAPTOR-6Mi Range - Grip Pin Size Selection

Flange Type: ASME / ANSI B16.5 Weld Neck

| NPS    | Class |      |      |      |      |      |      |
|--------|-------|------|------|------|------|------|------|
|        | 150   | 300  | 400  | 600  | 900  | 1500 | 2500 |
| 1/2"   | -     | -    | -    | -    | 7/8" | 7/8" | 7/8" |
| 3/4"   | -     | 3/4" | 3/4" | 3/4" | 7/8" | 7/8" | 7/8" |
| 1"     | -     | 3/4" | 3/4" | 3/4" | 1"   | 1"   | 1"   |
| 1 1/4" | -     | 3/4" | 3/4" | 3/4" | 1"   | 1"   | -    |
| 1 1/2" | -     | 7/8" | 7/8" | 7/8" | -    | -    | -    |
| 2"     | 3/4"  | 3/4" | 3/4" | 3/4" | 1"   | 1"   | -    |
| 2 1/2" | 3/4"  | 7/8" | 7/8" | 7/8" | -    | -    | -    |
| 3"     | 3/4"  | 7/8" | 1"   | 1"   | 1"   | -    | -    |
| 3 1/2" | 3/4"  | 7/8" | 1"   | 1"   | -    | -    | -    |
| 4"     | 3/4"  | 7/8" | 1"   | -    | -    | -    | -    |
| 5"     | 7/8"  | 7/8" | 1"   | -    | -    | -    | -    |
| 6"     | 7/8"  | 7/8" | 1"   | -    | -    | -    | -    |
| 8"     | 7/8"  | 1"   | -    | -    | -    | -    | -    |
| 10"    | 1"    | -    | -    | -    | -    | -    | -    |
| 12"    | 1"    | -    | -    | -    | -    | -    | -    |

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