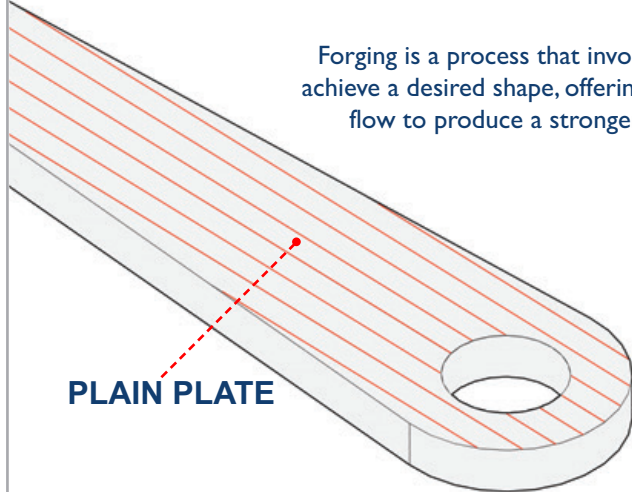


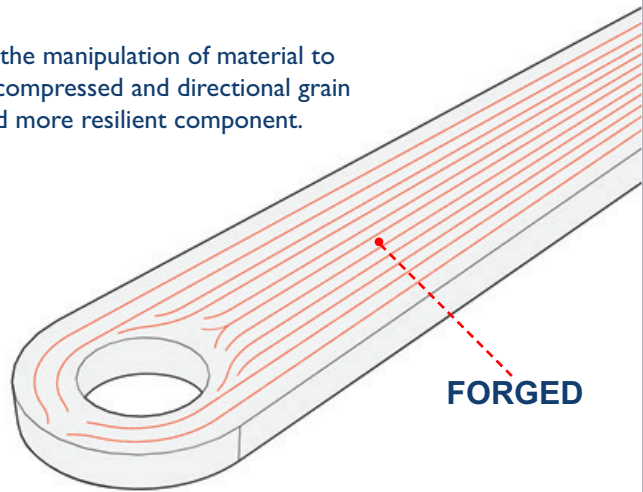
## SKIP HINGES

### OUR FORGED COMPONENTS ARE STRONGER AND MORE RESILIENT

Forging is a process that involves the manipulation of material to achieve a desired shape, offering a compressed and directional grain flow to produce a stronger and more resilient component.



PLAIN PLATE

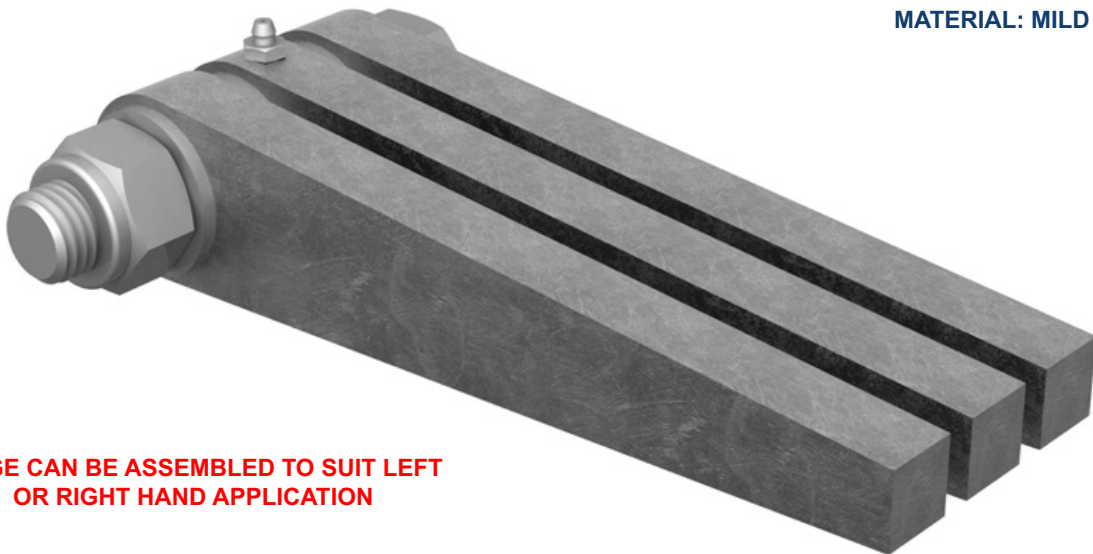


FORGED

Many components supplied into the recycling and waste industry, particularly metal profiles, are cut from plain material. The unidirectional grain flow in the plain material gets cut when changing contour, exposing grain ends. This renders the material liable to fatigue and sensitive to stress corrosion cracking.

Our example above shows a hinge profile, a component subjected to a constant load. In a **forged** state the grain flow is not only compressed but flows around the eye. **This increases both strength and longevity.** In a plain state the profile is cut, exposing the natural grain flow on all cut edges.

**PART REF: BFD3437**  
**MATERIAL: MILD STEEL**



**HINGE CAN BE ASSEMBLED TO SUIT LEFT  
OR RIGHT HAND APPLICATION**

**M24 ZINC PLATED 8.8 BOLT X 120 LONG**

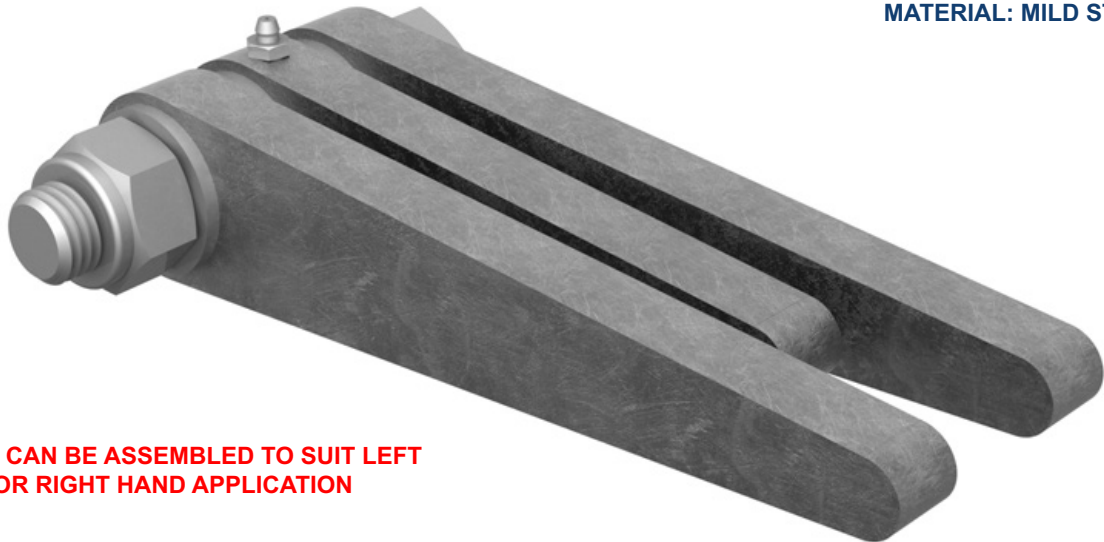
**M24 ZINC PLATED WASHERS (X6)**

**M24 ZINC PLATED LOCKING NUT  
(PLASTIC INSERT TYPE)**

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**+44 (0)1384 563356**

**BROOKS** forgings  
SKIP COMPONENT CATALOGUE

## SKIP HINGES



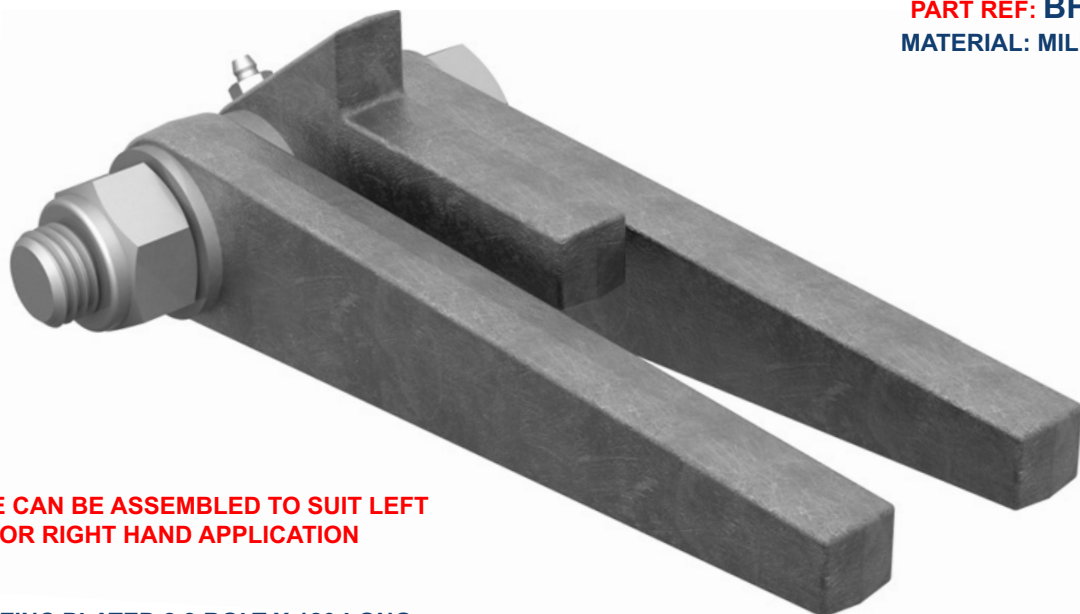
**PART REF: BFD3616**  
**MATERIAL: MILD STEEL**

**HINGE CAN BE ASSEMBLED TO SUIT LEFT  
OR RIGHT HAND APPLICATION**

**M24 ZINC PLATED 8.8 BOLT X 120 LONG**

**M24 ZINC PLATED WASHERS (X6)**

**M24 ZINC PLATED LOCKING NUT  
(PLASTIC INSERT TYPE)**



**PART REF: BFD3296**  
**MATERIAL: MILD STEEL**

**HINGE CAN BE ASSEMBLED TO SUIT LEFT  
OR RIGHT HAND APPLICATION**

**M24 ZINC PLATED 8.8 BOLT X 120 LONG**

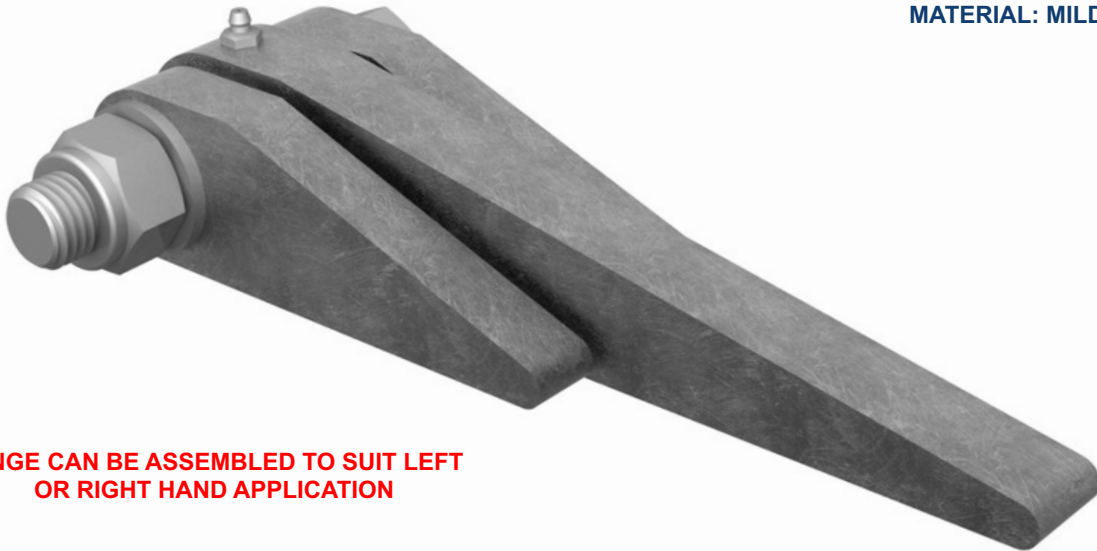
**M24 ZINC PLATED WASHERS (X6)**

**M24 ZINC PLATED LOCKING NUT  
(PLASTIC INSERT TYPE)**

SKIP HINGES

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## SKIP HINGES



**PART REF: BFD4666**  
**MATERIAL: MILD STEEL**

**HINGE CAN BE ASSEMBLED TO SUIT LEFT  
OR RIGHT HAND APPLICATION**

**M24 GALVANISED 8.8 BOLT X 120 LONG**

**M24 GALVANISED WASHERS (X6)**

**M24 GALVANISED LOCKING NUT  
(PLASTIC INSERT TYPE)**



**PART REF: BFD4146**  
**MATERIAL: MILD STEEL**

**HINGE CAN BE ASSEMBLED TO SUIT LEFT  
OR RIGHT HAND APPLICATION**

**M24 GALVANISED 8.8 BOLT X 120 LONG**

**M24 GALVANISED WASHERS (X6)**

**M24 GALVANISED LOCKING NUT  
(PLASTIC INSERT TYPE)**