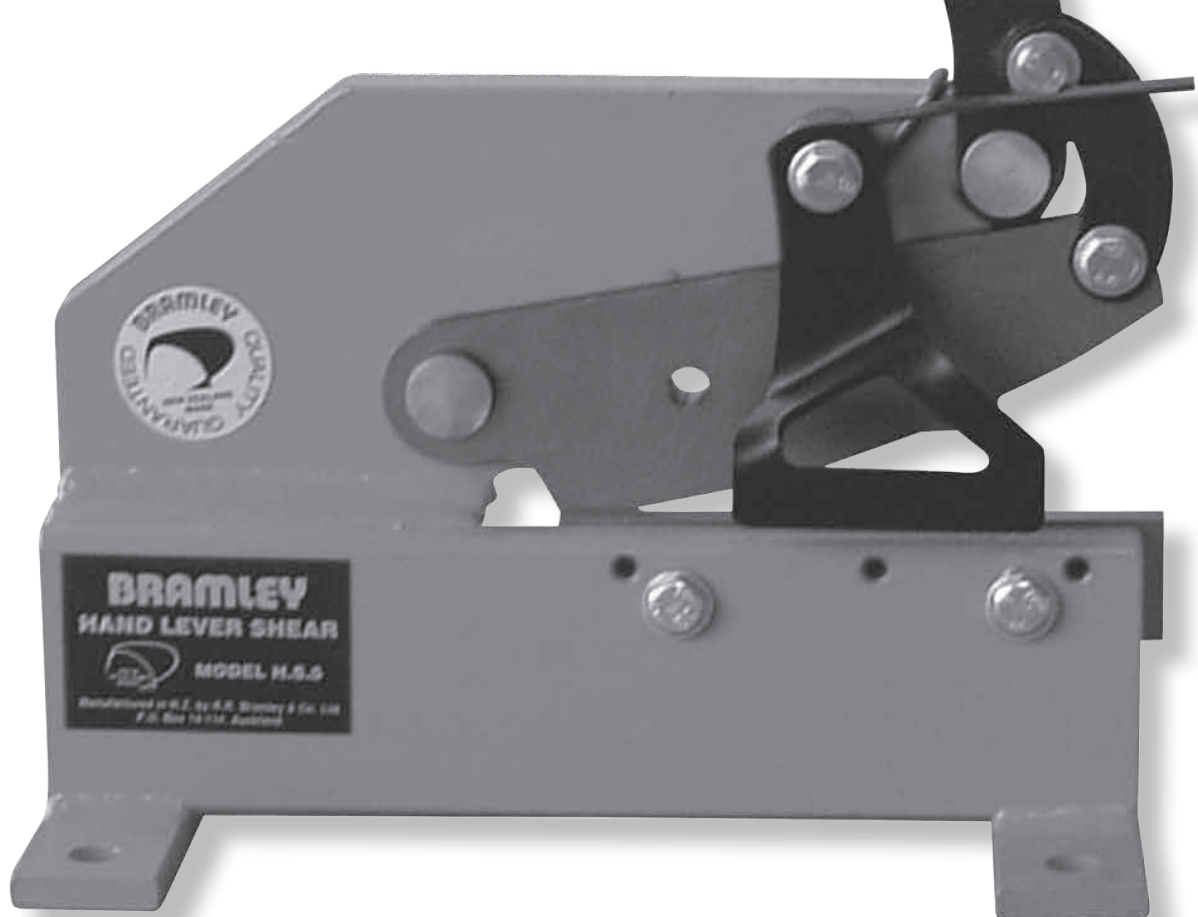


**Operating Instructions**

# **Bramley Hand Shears**



# **BRAMLEY**

# Bramley Hand Shears HS 4 and HS 5

Thank you for purchasing a Bramley Hand Shear. These bench mounted, hand lever-operated shears are intended for cutting sheetmetal, mild steel plate, flat and round bar.

- **Blades are made from high quality, wear resistant, premium-grade tool steel**
- **Lever toggle action gives high mechanical advantage for easy cutting**
- **Handle balance spring assists ease of operation**
- **Simple lower blade adjustment for correct shearing tolerances**
- **Body fabricated from thick section steel plate**

## Pre-Operational Safety Checks

1. Ensure that the Maximum gap in shear blades is no more than 10 % ( clearance can be achieved on lower blade adjustment) of the thickness of material.
2. Ensure bench shears are securely fastened to a bench or purpose-designed stand.
3. Ensure shearing edges are in good condition, distortion free and correctly adjusted.
4. Ensure working parts are well lubricated and the blades free of rust and dirt.
5. Check workspaces and walkways to ensure no slip/trip hazards are present.
6. Ensure there is sufficient space around the machine to prevent accidental contact with people in the area.

## Operational Safety Checks

1. Ensure material is properly supported during cutting.
2. Use supports for long material. Signpost if a tripping hazard.
3. Hold material securely to prevent it tilting during the cut.
4. Ensure fingers and limbs are clear while operating the bench shear.
5. Sharp edges on cutters, work pieces can cause cuts.
6. Squash/crush and pinch points.
7. Impact from handle.
8. Manual handling.

## Personal Protective Equipment



Safety glasses must be worn at all times in work areas.



Long and loose hair must be contained.



Protective gloves should be worn when using this equipment.



Sturdy footwear must be worn at all times in work areas.



Close fitting/ protective clothing must be worn.



Rings and jewellery must not be worn.

# BRAMLEY



| Capacity             | MODEL HS 4                 | MODEL HS 5                |
|----------------------|----------------------------|---------------------------|
| Plate                | 4 mm (3/16")               | 5 mm (7/32")              |
| Flat                 | 60 x 5 mm                  | 70 x 6 mm                 |
| Round                | 11 mm                      | 13 mm                     |
| Blade Length         | 155 mm                     | 200 mm                    |
| Cutting Length (Max) | 125 mm                     | 175 mm                    |
| Shipping             | 14kg / 0.01 m <sup>3</sup> | 25kg / 0.2 m <sup>3</sup> |



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# **BRAMLEY**

**Precision and Mechanical Engineers  
Machine Tool Manufacturers**