

HARKEN®

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ONLINE INSTRUCTIONS

Bolt Down Fairleads

3274, 3275, 3276 3277, 3278, 3279



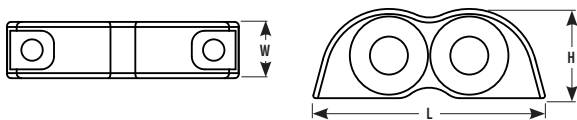
Strictly follow all instructions to avoid an accident, damage to your vessel, personal injury or death. See www.harken.com/manuals for additional safety information.

IMPORTANT! See Inspection and Maintenance at end of manual.

Features

Available in three configurations: single, double, triple
Weight saving: built of 60-61T6 Hard Lube-anodized aluminum
Easy, one person mounting: using hexagonal head fasteners

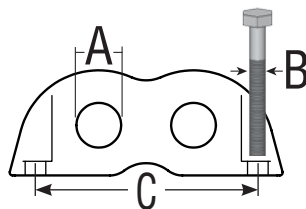
Dimensions



| Part No. | Description | L Length | | W Width | | H Height | | Max line Ø | | Maximum working load | | Breaking load | |
|----------|---------------|--------------------------------|-----|--------------------------------|----|-------------------------------|------|--------------------------------|----|----------------------|------|---------------|------|
| | | in | mm | in | mm | in | mm | in | mm | lb | kg | lb | kg |
| 3274 | Single, 12 mm | 1 ⁷ / ₈ | 48 | 1 ¹ / ₁₆ | 18 | 1 ¹ / ₈ | 28.2 | 3 ³ / ₈ | 10 | 2000 | 908 | 4000 | 1816 |
| 3275 | Double, 12 mm | 2 ⁷ / ₈ | 74 | 1 ¹ / ₁₆ | 18 | 1 ¹ / ₈ | 28.2 | 3 ³ / ₈ | 10 | 2000 | 908 | 4000 | 1816 |
| 3276 | Triple, 12 mm | 3 ⁷ / ₈ | 99 | 1 ¹ / ₁₆ | 18 | 1 ¹ / ₈ | 28.2 | 3 ³ / ₈ | 10 | 2000 | 908 | 4000 | 1816 |
| 3277 | Single, 16 mm | 2 ³ / ₈ | 60 | 7 ¹ / ₈ | 22 | 1 ¹ / ₄ | 31.8 | 9 ⁹ / ₁₆ | 14 | 4000 | 1816 | 8000 | 3632 |
| 3278 | Double, 16 mm | 3 ⁹ / ₁₆ | 91 | 7 ¹ / ₈ | 22 | 1 ¹ / ₄ | 31.8 | 9 ⁹ / ₁₆ | 14 | 4000 | 1816 | 8000 | 3632 |
| 3279 | Triple, 16 mm | 4 ³ / ₄ | 121 | 7 ¹ / ₈ | 22 | 1 ¹ / ₄ | 31.8 | 9 ⁹ / ₁₆ | 14 | 4000 | 1816 | 8000 | 3632 |

Fasteners (Not Included)

| Part No. | A | | Hex Head | Socket Head Cap Screw | Cheese Head (Phillister Head) | C | |
|----------|-----|----|----------|-----------------------|-------------------------------|------|------|
| | in | mm | B | B | B | in | mm |
| 3274 | .47 | 12 | 6 mm | 1/4" | 6 mm | 1.26 | 32 |
| 3275 | .47 | 12 | | | | 2.24 | 57.4 |
| 3276 | .47 | 12 | | | | 3.27 | 82.8 |
| 3277 | .63 | 16 | 8 mm | 8 mm | 8 mm | 1.46 | 37 |
| 3278 | .63 | 16 | | | | 2.68 | 67.5 |
| 3279 | .63 | 16 | | | | 3.86 | 98.0 |



| Method | Fasteners |
|--|---|
| Through-deck mounting. Access from below. | Hex Head* Socket Head Cap Screw Cheese Head (Phillister Head) |
| Mounting to tapped holes. No access from below. | Socket Head Cap Screw Cheese Head (Phillister Head) |

Hex head* bolts are ideal for one-person though-deck fastening. The hexagonal head is held by the sides of the inset when being tightened.
Note: In the 12 mm version, only 6 mm hex head bolts will fit.

Choose fasteners that are made from A4 (316) or A2 (18-8) stainless steel. Make sure to use large washers or backing plates and lock washers or locknuts under deck. It is installer's responsibility to choose correct screws, nuts, washers, or threaded plates, taking account materials and loads they will have to bear. Harken® assumes no responsibility for incorrect installation of fairleads or for an incorrect choice of mounting fasteners.

Hex head is held by sides of inset.



Deck Strength

Fairleads must be installed on a flat area of deck, reinforced if necessary to bear a load equal to the breaking load of fairlead to be used. Marine epoxy suppliers are a good source of deck reinforcement techniques. Also contact suppliers of G10 reinforcement. It is installer's responsibility to carry out all structural tests needed to ensure that deck can bear load. Consult the yard that built the boat in case of doubt over the suitability of mounting location and deck strength. Harken® assumes no responsibility for incorrect installation of fairlead or for an incorrect choice of mounting screws.

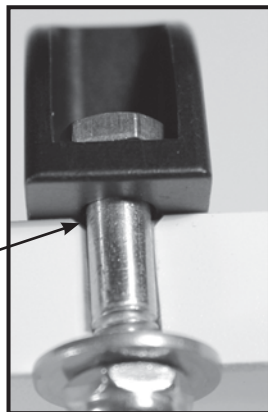


WARNING! Failure to ensure the correct deck strength type can result in the fairleads pulling off the deck suddenly and unexpectedly during high loads.

Mounting Fairleads

Carefully drill holes. Slightly bevel the top of the hole to allow sealant to form a small ring at deck level. Use marine sealant, making sure sealant fills hole and beveled area. Secure fairlead using all fastener holes. Secure under the deck using large washers or backing plate and washers and locknuts.

Slight bevel allows sealant to form a ring at deck level.



Inspect

Carefully inspect fairleads and mounting hardware for any signs of loosening, cracks or damage.



WARNING! Failure to inspect fairleads and mounting hardware can result in fairleads pulling off deck suddenly and unexpectedly during high load.

Maintenance

Clean by frequently flushing with fresh water.



IMPORTANT! Exposure to some teak cleaners and other caustic solutions can result in discoloration of part and is not covered under the Harken warranty.

Warranty

For additional safety, maintenance and warranty information see www.harken.com/manuals or the Harken® catalog.