

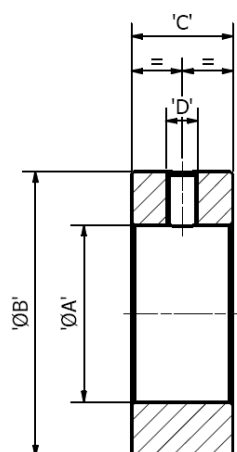
Manufacturers of Engineers Studs, Shaft Collars, Keys, Pins, Precision Turned Parts and Valves in Steel, Stainless, High Grade Alloy and Non-Ferrous Metals. Precision components produced to customer's specifications, drawings and bespoke requirements in most materials.

## Shaft Collars

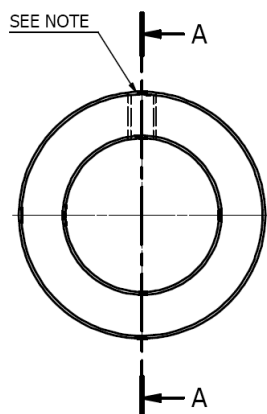
- Metric and Imperial to BS 4185 Part 1 1967
- Solid one piece, single, and double split configuration
- Manufactured from quality bar in BS 230M07 (EN1A), aluminium, and stainless steel (303)
- Accurately bored & outside diameter smoothly finished
- Generously dimensioned on outside diameter & width
- Fitted with quality locking screws
- Produced in our own works in the UK
- Large stock of standard sizes
- 6mm to 80mm bore as standard, special sizes made to order
- Able to offer same-day despatch in most cases



## Solid Collars



A-A ( NTS )



### Metric Dimensions

| 'A' | 'B' | 'C' | 'D' |
|-----|-----|-----|-----|
| 4   | 16  | 8   | M3  |
| 5   | 16  | 8   | M3  |
| 6   | 16  | 8   | M3  |
| 7   | 16  | 8   | M3  |
| 8   | 16  | 8   | M4  |
| 9   | 20  | 10  | M4  |
| 10  | 20  | 10  | M6  |
| 12  | 25  | 12  | M6  |
| 13  | 25  | 12  | M6  |
| 14  | 28  | 12  | M6  |
| 15  | 28  | 14  | M6  |
| 17  | 28  | 14  | M6  |
| 18  | 28  | 14  | M6  |
| 19  | 32  | 14  | M6  |
| 20  | 32  | 14  | M6  |

#### NOTE:

We retain the right to amend outer diameters, widths & locking screw dimensions

Sizes are subject to availability

Locking screws are to DIN 916 45H with Cup Points as standard  
Stainless steel collars have a stainless steel locking screw

### Imperial Dimensions

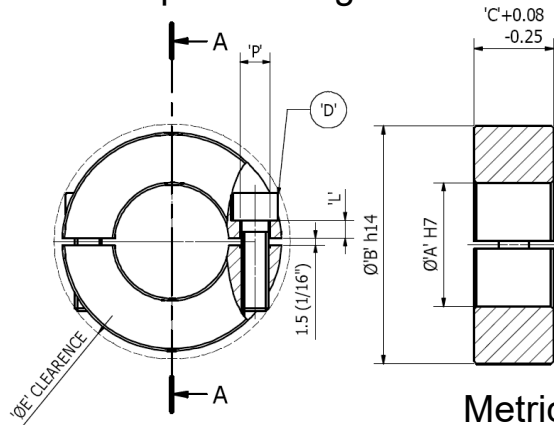
| 'A'    | 'B'    | 'C'     | 'D'       |
|--------|--------|---------|-----------|
| 1/4"   | 1/2"   | 9/32"   | M4        |
| 5/16"  | 5/8"   | 5/16"   | M4        |
| 3/8"   | 3/4"   | 3/8"    | M4        |
| 7/16"  | 1"     | 7/16"   | 1/4" UNC  |
| 1/2"   | 1"     | 7/16"   | 1/4" UNC  |
| 5/8"   | 1-1/4" | 9/16"   | 1/4" UNC  |
| 3/4"   | 1-3/8" | 11/16"  | 5/16" UNC |
| 7/8"   | 1-1/2" | 11/16"  | 5/16" UNC |
| 1"     | 1-5/8" | 3/4"    | 5/16" UNC |
| 1-1/8" | 1-3/4" | 3/4"    | 3/8" UNC  |
| 1-1/4" | 2"     | 7/8"    | 3/8" UNC  |
| 1-3/8" | 2"     | 7/8"    | 3/8" UNC  |
| 1-1/2" | 2-1/4" | 1"      | 3/8" UNC  |
| 1-5/8" | 2-1/2" | 1"      | 7/16" UNC |
| 1-3/4" | 2-5/8" | 1"      | 7/16" UNC |
| 2"     | 3"     | 1-1/16" | 1/2" UNC  |
| 2-1/4" | 3-1/4" | 1-1/8"  | 1/2" UNC  |
| 2-1/2" | 3-1/2" | 1-3/16" | 1/2" UNC  |
| 2-3/4" | 3-3/4" | 1-3/8"  | 5/8" UNC  |
| 3"     | 4-1/4" | 1-3/8"  | 5/8" UNC  |



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## Split Shaft Collars

Double Split Drawing



Metric Dimensions

| 'A'        | 'B'         | 'C'         | 'D'            | 'E'       | 'F'       |
|------------|-------------|-------------|----------------|-----------|-----------|
| Bore<br>MM | O/Dia<br>MM | Width<br>MM | Capscrew<br>MM | Dia<br>MM | Dia<br>MM |
| 10         | 25          | 9           | M3x12          | 27        | 6         |
| 12         | 28          | 11          | M4x12          | 32        | 8         |
| 15         | 35          | 13          | M5x16          | 40        | 10        |
| 17         | 38          | 13          | M5x16          | 42        | 10        |
| 18         | 38          | 13          | M5x16          | 42        | 10        |
| 20         | 42          | 15          | M6x20          | 48        | 11        |
| 25         | 48          | 15          | M6x20          | 53        | 11        |
| 30         | 55          | 15          | M6x20          | 60        | 11        |
| 32         | 60          | 15          | M6x25          | 64        | 11        |
| 35         | 60          | 15          | M6x25          | 64        | 11        |
| 40         | 65          | 15          | M6x25          | 68        | 11        |
| 45         | 75          | 19          | M8x25          | 81        | 14        |
| 50         | 80          | 19          | M8x25          | 85        | 14        |
| 55         | 85          | 19          | M8x25          | 91        | 14        |
| 60         | 95          | 22          | M8x30          | 98        | 14        |
| 70         | 110         | 22          | M10x30         | 114       | 17        |
| 80         | 125         | 25          | M12x30         | 129       | 19        |
| 100        | 145         | 25          | M12x35         | 148       | 19        |

Imperial Dimensions

| 'A'          | 'B'           | 'C'           | 'D'              |
|--------------|---------------|---------------|------------------|
| Bore<br>Inch | O/Dia<br>Inch | Width<br>Inch | Capscrew<br>Inch |
| 1/4"         | 1 1/16"       | 5/16"         | M3x10            |
| 5/16"        | 3/4"          | 5/16"         | M3x10            |
| 3/8"         | 7/8"          | 3/8"          | M4x10            |
| 1/2"         | 1-1/8"        | 13/32"        | M4x12            |
| 5/8"         | 1-5/16"       | 7/16"         | M5x16            |
| 3/4"         | 1-1/2"        | 1/2"          | M6x16            |
| 7/8"         | 1-5/8"        | 1/2"          | M6x16            |
| 1"           | 1-3/4"        | 1/2"          | M6x16            |
| 1-1/4"       | 2-1/8"        | 1/2"          | M6x16            |
| 1-3/8"       | 2-5/16"       | 1/2"          | M6x20            |
| 1-1/2"       | 2-3/8"        | 9/16"         | M6x20            |
| 1-3/4"       | 2-3/4"        | 11/16"        | M8x25            |
| 2"           | 3"            | 11/16"        | M8x30            |
| 2-1/2"       | 3-3/4"        | 7/8"          | M10x30           |
| 3"           | 4-1/4"        | 7/8"          | M10x35           |

**NOTE:**  
We retain the right to amend outer diameters, widths & capscrew dimensions

Sizes are subject to availability

Cap screws are to DIN 912. Stainless steel collars have a stainless steel cap screw

Single Split Drawing

