

## Item description/product images



## Description

## Material:

Steel 1.0718.  
Stainless steel 1.4305.  
Stainless steel 1.4404.  
Aluminium.

## Version:

Steel black oxidised, screw steel 12.9.  
Stainless steel 1.4305 bright, screw stainless steel A2-70.  
Stainless steel 1.4404 bright, screw stainless steel A4-70.  
Aluminium bright, screw stainless steel A2-70.

## Note:

One-piece shaft collars with an inner slit surround the shaft with an equal distribution of the clamping force. This leads to a very precise fit and high retaining force without damaging the shaft.

The shaft tolerance should lie within h11.

The shaft collars made of A4 stainless steel have a small centre point mark on the OD.

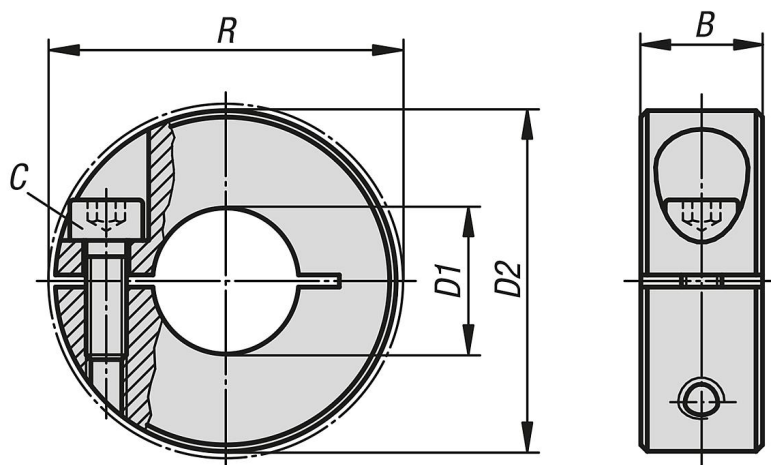
## Temperature range:

-40 °C - +175 °C.

## On request:

Other dimensions.

## Drawings



## Overview of items

| Order No.   | Form definition | Main material | B | C<br>(DIN 912) | D1 | D2 | R    |
|-------------|-----------------|---------------|---|----------------|----|----|------|
| 07810-00401 | slitted inside  | steel         | 9 | M3x8           | 4  | 16 | 20,7 |
| 07810-00501 | slitted inside  | steel         | 9 | M3x8           | 5  | 16 | 20,7 |
| 07810-00601 | slitted inside  | steel         | 9 | M3x8           | 6  | 16 | 20,7 |
| 07810-00801 | slitted inside  | steel         | 9 | M3x8           | 8  | 18 | 22,4 |

## Overview of items

| Order No.   | Form definition | Main material      | B  | C<br>(DIN 912) | D1 | D2 | R    |
|-------------|-----------------|--------------------|----|----------------|----|----|------|
| 07810-01001 | slitted inside  | steel              | 9  | M3x10          | 10 | 24 | 26   |
| 07810-01201 | slitted inside  | steel              | 11 | M4x12          | 12 | 28 | 31,8 |
| 07810-01501 | slitted inside  | steel              | 13 | M5x16          | 15 | 34 | 39,4 |
| 07810-01601 | slitted inside  | steel              | 13 | M5x16          | 16 | 34 | 39,4 |
| 07810-01801 | slitted inside  | steel              | 13 | M5x16          | 18 | 36 | 41,1 |
| 07810-02001 | slitted inside  | steel              | 15 | M6x18          | 20 | 40 | 46,4 |
| 07810-02201 | slitted inside  | steel              | 15 | M6x18          | 22 | 42 | 48,1 |
| 07810-02501 | slitted inside  | steel              | 15 | M6x18          | 25 | 45 | 50,8 |
| 07810-02801 | slitted inside  | steel              | 15 | M6x18          | 28 | 48 | 53,7 |
| 07810-03001 | slitted inside  | steel              | 15 | M6x18          | 30 | 54 | 58,6 |
| 07810-04001 | slitted inside  | steel              | 15 | M6x18          | 40 | 60 | 65   |
| 07810-05001 | slitted inside  | steel              | 19 | M8x25          | 50 | 78 | 87   |
| 07810-00402 | slitted inside  | stainless steel    | 9  | M3x8           | 4  | 16 | 20,7 |
| 07810-00502 | slitted inside  | stainless steel    | 9  | M3x8           | 5  | 16 | 20,7 |
| 07810-00602 | slitted inside  | stainless steel    | 9  | M3x8           | 6  | 16 | 20,7 |
| 07810-00802 | slitted inside  | stainless steel    | 9  | M3x8           | 8  | 18 | 22,4 |
| 07810-01002 | slitted inside  | stainless steel    | 9  | M3x10          | 10 | 24 | 26   |
| 07810-01202 | slitted inside  | stainless steel    | 11 | M4x12          | 12 | 28 | 31,8 |
| 07810-01502 | slitted inside  | stainless steel    | 13 | M5x16          | 15 | 34 | 39,4 |
| 07810-01602 | slitted inside  | stainless steel    | 13 | M5x16          | 16 | 34 | 39,4 |
| 07810-01802 | slitted inside  | stainless steel    | 13 | M5x16          | 18 | 36 | 41,1 |
| 07810-02002 | slitted inside  | stainless steel    | 15 | M6x18          | 20 | 40 | 46,4 |
| 07810-02202 | slitted inside  | stainless steel    | 15 | M6x18          | 22 | 42 | 48,1 |
| 07810-02502 | slitted inside  | stainless steel    | 15 | M6x18          | 25 | 45 | 50,8 |
| 07810-02802 | slitted inside  | stainless steel    | 15 | M6x18          | 28 | 48 | 53,7 |
| 07810-03002 | slitted inside  | stainless steel    | 15 | M6x18          | 30 | 54 | 58,6 |
| 07810-04002 | slitted inside  | stainless steel    | 15 | M6x18          | 40 | 60 | 65   |
| 07810-05002 | slitted inside  | stainless steel    | 19 | M8x25          | 50 | 78 | 87   |
| 07810-00404 | slitted inside  | stainless steel A4 | 9  | M3x8           | 4  | 16 | 20,7 |
| 07810-00504 | slitted inside  | stainless steel A4 | 9  | M3x8           | 5  | 16 | 20,7 |
| 07810-00604 | slitted inside  | stainless steel A4 | 9  | M3x8           | 6  | 16 | 20,7 |
| 07810-00804 | slitted inside  | stainless steel A4 | 9  | M3x8           | 8  | 18 | 22,4 |
| 07810-01004 | slitted inside  | stainless steel A4 | 9  | M3x10          | 10 | 24 | 26   |
| 07810-01204 | slitted inside  | stainless steel A4 | 11 | M4x12          | 12 | 28 | 31,8 |
| 07810-01504 | slitted inside  | stainless steel A4 | 13 | M5x16          | 15 | 34 | 39,4 |
| 07810-01604 | slitted inside  | stainless steel A4 | 13 | M5x16          | 16 | 34 | 39,4 |
| 07810-01804 | slitted inside  | stainless steel A4 | 13 | M5x16          | 18 | 36 | 41,1 |
| 07810-02004 | slitted inside  | stainless steel A4 | 15 | M6x18          | 20 | 40 | 46,4 |
| 07810-02204 | slitted inside  | stainless steel A4 | 15 | M6x18          | 22 | 42 | 48,1 |
| 07810-02504 | slitted inside  | stainless steel A4 | 15 | M6x18          | 25 | 45 | 50,8 |
| 07810-02804 | slitted inside  | stainless steel A4 | 15 | M6x18          | 28 | 48 | 53,7 |
| 07810-03004 | slitted inside  | stainless steel A4 | 15 | M6x18          | 30 | 54 | 58,6 |
| 07810-04004 | slitted inside  | stainless steel A4 | 15 | M6x18          | 40 | 60 | 65   |
| 07810-05004 | slitted inside  | stainless steel A4 | 19 | M8x25          | 50 | 78 | 87   |
| 07810-00403 | slitted inside  | aluminium          | 9  | M3x8           | 4  | 16 | 20,7 |
| 07810-00503 | slitted inside  | aluminium          | 9  | M3x8           | 5  | 16 | 20,7 |
| 07810-00603 | slitted inside  | aluminium          | 9  | M3x8           | 6  | 16 | 20,7 |
| 07810-00803 | slitted inside  | aluminium          | 9  | M3x8           | 8  | 18 | 22,4 |
| 07810-01003 | slitted inside  | aluminium          | 9  | M3x10          | 10 | 24 | 26   |
| 07810-01203 | slitted inside  | aluminium          | 11 | M4x12          | 12 | 28 | 31,8 |
| 07810-01503 | slitted inside  | aluminium          | 13 | M5x16          | 15 | 34 | 39,4 |
| 07810-01603 | slitted inside  | aluminium          | 13 | M5x16          | 16 | 34 | 39,4 |
| 07810-01803 | slitted inside  | aluminium          | 13 | M5x16          | 18 | 36 | 41,1 |
| 07810-02003 | slitted inside  | aluminium          | 15 | M6x18          | 20 | 40 | 46,4 |
| 07810-02203 | slitted inside  | aluminium          | 15 | M6x18          | 22 | 42 | 48,1 |
| 07810-02503 | slitted inside  | aluminium          | 15 | M6x18          | 25 | 45 | 50,8 |
| 07810-02803 | slitted inside  | aluminium          | 15 | M6x18          | 28 | 48 | 53,7 |
| 07810-03003 | slitted inside  | aluminium          | 15 | M6x18          | 30 | 54 | 58,6 |
| 07810-04003 | slitted inside  | aluminium          | 15 | M6x18          | 40 | 60 | 65   |
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