

# Post Holders

## Post Holders



## Post Holder RDS

The RDS post holders (including base) are suitable for post dimensions from 11 to 15 mm diameter. Very stable through a precise three-point-support. They are compatible to posts and post holders on the market.

**Clearance hole (100% of the height is usable)**  
**Magnetic base (for fast mounting)**

Size	Inner lowering for M6 or M8 screws	With M6 thread	Clearance Hole 15 mm	Magnetic Base
25 mm	---	---	RDS-H-25	RDS-M-25
35 mm	RDS-35	RDS-T-35	RDS-H-35	RDS-M-35
40 mm	RDS-40	RDS-T-40	RDS-H-40	RDS-M-40
50 mm	RDS-50	RDS-T-50	RDS-H-50	RDS-M-50
75 mm	RDS-75	RDS-T-75	RDS-H-75	RDS-M-75
100 mm	RDS-100	RDS-T-100	RDS-H-100	RDS-M-100



### RD-SB

- Mounting Screw with ball, which is under spring tension to pre-adjust the post height.



# Post Holders, Posts & Bases

## Post Holder without Base

- Post Holder without base
- M6 thread on the bottom
- Suitable for post from 11 to 15 diameter

Size	Order Number
25 mm	RDS-OF-25
40 mm	RDS-OF-40
65 mm	RDS-OF-65
90 mm	RDS-OF-90



## Post Holder Base for RDS-OF

### RDS-F

- Base for RDS-OF
- Height 4,5 mm
- With M6 thread



## Mounting Bases for Post Holders and Pedestals

**RD-MB-2** (76 mm x 26 mm x 10 mm)

**RD-MB-1** (58 mm x 25 mm x 10 mm )



## Posts RD-GS

- Stainless steel posts
- Posts fit to all post holders
- Standard M4 inside threads on the one side and M6 on the other side
- One grub screw (M4) including

Diameter	Size	Order number
∅ 0,5 inch	50 mm	RD-GS-50 ∅ 0,5 inch
	75 mm	RD-GS-75 ∅ 0,5 inch
	100 mm	RD-GS-100 ∅ 0,5 inch

Diameter	Size	Order number
∅ 13 mm	50 mm	RD-GS-50 ∅ 13 mm
	75 mm	RD-GS-75 ∅ 13 mm
	100 mm	RD-GS-100 ∅ 13 mm

Diameter	Size	Order number
∅ 15 mm	50 mm	RD-GS-50 ∅ 15 mm
	75 mm	RD-GS-75 ∅ 15 mm
	100 mm	RD-GS-100 ∅ 15 mm



## Post Holder Connector

### RD-PHC

- 90° connection between two posts



*Mounting option*

## Holding Forks RDK-1

RDK-1 Holding Fork, flexible and stable fixing of all RDS, RDS-G and RDS-OG post holders and pedestals through precise three-point-support.

Compatible to other pedestals on the market.

- RDK-1 mini
- RDK-1 midi
- RDK-1 maxi



## Holding Forks RDK-2

RDK-2 Holding Fork, flexible and stable fixing of RDS-G pedestals

For RDS-G Pedestals:

**RDK-2 midi** (∅ 25 mm)

For RDS-G-B Pedestals:

**RDK-2 maxi** (∅ 51 mm)



## Clamping Forks RD-PH

RD-PH clamping fork, stable fixing of our RD1 and RD2 Mirror Mounts:

- **RD-PH-1** (38 mm x 16 mm x 9 mm)
- **RD-PH-2** (50 mm x 19 mm x 17 mm)
- **RD-PH-3** (50 mm x 19 mm x 23 mm) *for RD2*
- **RD-PH-4** (50 mm x 12 mm x 8 mm) *for RD1*



## Table Clamps RD-TC

Table Clamp to fix several optomechanics on the table.



**RD-TC-B**



**RD-TC-S**



**RD-TC-D**

## Base Plates and Height Adapter for RD1 and RD2

### Base Plate:

for RD1 Mirror Mounts:

**RD1-GP**

for RD2 Mirror Mounts:

**RD2-GP**

### Height Adapter:

for RD1 Mirror Mounts:

**RD1-HA1** beam height 50 mm

for RD2 Mirror Mounts:

**RD2-HA1** beam height 75 mm

**RD2-HA2** beam height 100 mm



*The heights are always total heights:*

*Beam height=*

*Base plate + height adapter + mirror mount*

## Base Plates & Height Adapters for MNI, MNI-HS, MDI, MDI-H(S), MXI

### MNI Base plate:

- Available with long hole in longitudinal direction or with long holes in crosswise direction

### MNI Height Adapters:

- For 50 mm beam height
- For 75 mm beam height

### MDI Base plate:

- Available with long hole in longitudinal direction
- Available with long holes in crosswise direction

### MDI Height Adapters:

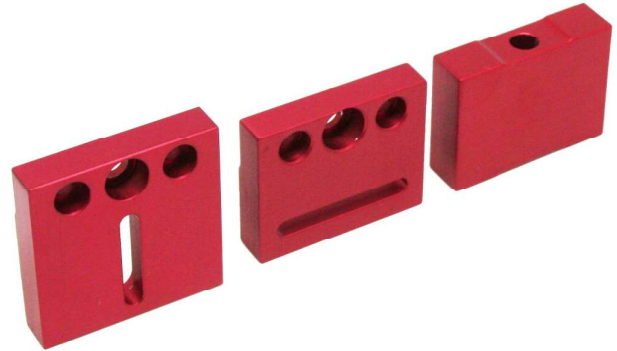
- For 50 mm beam height
- For 75 mm beam height

### MXI Base plate:

- Available with long hole in longitudinal direction
- Available with long hole in crosswise direction

### MXI Height Adapters:

- For 75 mm beam height
- For 100 mm beam height



*The heights are always total heights:*

*Beam height=*

*Base plate + height adapter + mirror mount*

## Cap Screws, Washers & Set Screws

### Cap screws

**RD-CS-M4-16** (M4 x16 mm)

**RD-CS-M6-16** (M6 x16 mm)

**RD-CS-M6-20** (M6 x 20 mm)

### Washers

**RD-W-M4** (for M4 screws)

**RD-W-M6** (for M6 screws)

### Set screws

**RD-SC-M4-12** (length 12 mm)

**RD-SC-M6-16** (length 16 mm)

Other length on request



# Pedestals & Holding Forks

## Pedestals



All pedestals with thread (RDS-G and RDS-HS) can be combined with each other.

All Posts and Pedestals are also available with a lateral hole.

All pedestals are available made of POM.

All pedestals are available with a magnetic base for fast alignment.

(RDS-G-MA-...)

Mirror mounts can be fixed by a set screw or a cap screw



## RDS-MNI

- Stainless steel pedestal
- Diameter 25.4 mm (Ø 1")
- The RDS-MNI system fits to our MNI mirror mounts
- Can be used on both sides
- Top side M4, bottom side M6 thread (standard)

**Pedestal:**

### RDS-MNI-P

Size in mm	Order number
25	RDS-MNI-P-25
50	RDS-MNI-P-50
75	RDS-MNI-P-75

Other sizes on request

**Holding Fork:**

RDS-MNI-HF-S (small)  
RDS-MNI-HF-M (medium)  
RDS-MNI-HF-B (big)



# Pedestals

## RDS-OG

- **Diameter 25.4 mm (Ø 1")**
- Pedestal with inner lowering for M4, M6 or M8 screws
- Available in aluminium, anodized aluminium or stainless steel

Size in mm	Size in inch	Order number
12.7	1/2	RDS-OG-0,5
19.1	3/4	RDS-OG-0,75
25		RDS-OG-25
25.4	1	RDS-OG-1
38.1	3/2	RDS-OG-1,5
50		RDS-OG-50
50.8	2	RDS-OG-2
63.5	5/2	RDS-OG-2,5
75		RDS-OG-75
76.2	3	RDS-OG-3
100		RDS-OG-100
101.6	4	RDS-OG-4
127	5	RDS-OG-5
152.4	6	RDS-OG-6

Other sizes on request



## RDS-G

- **Diameter 25.4 mm (Ø1")**
- Top side M4 thread (standard)
- Also available with M6 thread
- Available in aluminium, anodized aluminium or stainless steel

Size in mm	Size in inch	Order number
12.7	1/2	RDS-G-0,5
19.1	3/4	RDS-G-0,75
25		RDS-G-25
25.4	1	RDS-G-1
38.1	3/2	RDS-G-1,5
50		RDS-G-50
50.8	2	RDS-G-2
63.5	5/2	RDS-G-2,5
75		RDS-G-75
76.2	3	RDS-G-3
100		RDS-G-100
101.6	4	RDS-G-4
127	5	RDS-G-5
152.4	6	RDS-G-6

Other sizes or threads on request



# Pedestals & Height adjustable pedestals

## RDS-G-M

- **Diameter 31.5 mm**
- Pedestal with M4 (standard) or M6 thread on top
- Available in aluminium, anodized aluminium or stainless steel

Size in mm	Size in inch	Order number
25		RDS-G-M-25
25.4	1	RDS-G-M-1
38.1	3/2	RDS-G-M-1,5
50		RDS-G-M-50
50.8	2	RDS-G-M-2
63.5	5/2	RDS-G-M-2,5
75		RDS-G-M-75
76.2	3	RDS-G-M-3
100		RDS-G-M-100

Other sizes on request



## RDS-G-B

- **Diameter 51 mm**
- Very stable pedestal with M4, M6 or M8 thread on top
- Available in aluminium, anodized aluminium or stainless steel
- Fits perfectly for our RD2 mirror mounts

Other sizes on request



## RDS-HS

- Height adjustable pedestals
- Top side M4, bottom side M6 thread (standard)
- Easy to use
- Precise and ultra stable design

Available in the following sizes:	
Size in mm	Order number
30-38 mm	RDS-HS-30-38
38-50 mm	RDS-HS-38-50
50-70 mm	RDS-HS-50-70
55-80 mm	RDS-HS-55-80
70-110 mm	RDS-HS-70-110





# Height Adapters & Thread Adapters

## RDS-HSA

- Height adjustable adapter for pedestals
- Compatible to all pedestals
- Size 20-29 mm



## RDS-HA

- Height adjustable adapter for pedestals
- With M4 (standard) or M6 clearance hole
- Compatible to all pedestals
- Size 20-29 mm

Available in the following sizes:		
Size in mm	Order number Ø 1"	Order number Ø 31.5 mm
2 mm	RDS-HA-1"-2	RDS-HA-M-2
3 mm	RDS-HA-1"-3	RDS-HA-M-3
4 mm	RDS-HA-1"-4	RDS-HA-M-4
5 mm	RDS-HA-1"-5	RDS-HA-M-5
10 mm	RDS-HA-1"-10	RDS-HA-M-10



## Thread Adapters

Available in the following sizes:			
External Thread	Internal Thread	Length	Order Number
M8	M6	9 mm	RD-TA-8-6-9
M8	M6	6 mm	RD-TA-8-6-6
M6	M4	8 mm	RD-TA-6-4-8
M6	M4	6 mm	RD-TA-6-4-6



## Thread Adapters with Set Screw

Available in the following sizes:		
Grub Screw	External Thread	Order Number
M4	M6	RD-TA-GS-4-6
M4	M8	RD-TA-GS-4-8
M6	M8	RD-TA-GS-6-8

