

SHOP LIST

1. For laser base ALL

Fix Platte to the sliding block:

ISO 10642 (äbnl. DIN 7991) Innensechskant Senkschraube 8.8 verzinkt M6x20 *16

<https://www.frantos.com/de/iso-10642-aehnl.-din-7991-innensechskant-senkschraube-8.8-verzinkt-m-6x20/1389>

Fix laser base to the Platte: the hole size is $\varnothing 6.5\text{mm}$, if laserbase(10mm)+platte(10mm), then choose 25mm.

M6-25mm screw*4, M6 Nuts*4, M6 washer*4

Same link as the M8.

2. Linear guide SBR20-800MM ALL

BEVDICNC Linearschiene SBR20 800mm 2 Stück Silber Linearführung mit 4 Stück SBR20UU Lagerblöcken Rostfreie Linearlagerschiene mit vorgebohrten Löchern für DIY 3D-Drucker und CNC-Maschinen

https://www.amazon.de/BEVDICNC-Linearschiene-Linearf%C3%BChrung-Linearlagerschiene-CNC-Maschinen/dp/B0BNMZZQL7/ref=sr_1_8?__mk_de_DE=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crd=DNI7W9NTDV4S&dib=eyJ2IjoiMSJ9.Z1NxKv_uxy278Q08h1H41E-yvIAB1W_Ql9mVlgvrZt84k0sHDNPcUDCMMofkGOKAYdHtH-D0zDoPBReIdFK2rqJpZqJGh7Se2PpRLTdLrhNi2EG4wvQNSCPzYFA0YgqexBJwgnqVsi8q1cho6QdwEKCQBicCkQ3IJ4SiQZSMua2Z9tqnTIWVfTpOG8e0MzKatsFfi9-ptnJc0B9pQ9hFwn3-81GTaLQl1X2WJYCCIC6bWSwX7brTMPNifpls3Ous0j1Bu6iVdrqLC6UBFJsHi8GVP7d1zWi7mDXW4x_1k_DbEk-sML23571tpBM3uMlq0zI6FfpddCaaB4zuyUt62GKOr0wEYrBnhMH3JboMj7teiWvHS7CFQ8DLIY5Kqd9vrCBvMltiBPTG-iFGMeIpnqV88l1jHvjMXNYLdQAnlet8a_YnlZa0lhk7nqzHcU_j.3XjGX0bNgk-ZmA-UYijq8thKm0L9NwH1T7Zdgh_KDc&dib_tag=se&keywords=linearf%C3%BChrung%2B800mm&qid=1743188553&sprefix=linearf%C3%BChrung%2B800mm%2Caps%2C105&sr=8-8&th=1

3. for QPD (the role is 2,8mm) ALL

Distanthülsen*2, M2.5*20mm *2, M2.5 washer

Distanthülsen

OPTION 1 Type 307147 (2.6*5)

<https://www.rct-online.de/de/befestigungselemente/distanzelemente/distanzhülse-aus-pa-i-oe-2-6-mm>

OPTION2

3*5*5 <https://www.ebay.de/itm/356062700547?var=625097870650>

M2.5 Washer, M2.5*20mm screw, M2.5 Nut

https://www.amazon.de/Sechskantschrauben-Linsenkopfschraube-Zylinderschrauben-Unterlegschrauben-Zylinderkopfschrauben/dp/B0CNVP5P4C/ref=sr_1_3?__mk_de_DE=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crd=1YVZ455D2F7J&dib=eyJ2IjoiMSJ9.vO1L_mvfugC8wzG84HkXllg7q9Dfq526evSHlwvVqgQJcbG6lhejXNBB1sDOtt1t61MoZnFSX5Pq0o9P0SyR6jtjBdvxT-szfdjgjBvBoh6_2XIXlmueQ0eBMPqKSQMh0QLvMuGZjfY1l-PpNG6C5SR9i_wMr8Cz-6hzXzpuUM4IBKaPJEU054dRiBI_lzfrCAfTc97OlcMGdII4CbGvbopQ1rfb8UoVC_BEi2KYL5N61YrQsEMNbBI8w8c_4VThCCT19ej7EZzzjTiQ3CU-avJZ9ayMSS_bq4ruC45do0.rT1yFc1ozbSS661nNjSBoc-fkaafAY5wFNiDS_trgpo&dib_tag=se&keywords=M2.5%2B18mm%2BScrew%2Band%2Bbolt&qid=1743795541&sprefix=m2.5%2B18mm%2BScrew%2Band%2Bbolt%2Caps%2C93&sr=8-3&th=1

3. for messstage

a. fix the central hole M8

The size of the hole in the measuring device is $\varnothing 6.8 \text{ mm}$ and the Platte hole is $\varnothing 8.5 \text{ mm}$.

OPTION1: from Bottom to Top

M8 \times 18~20 mm screw*1

M8 washer*1

OPTION2: from Top to Bottom

M8 \times 25 mm with Nuts and washer

M8 Links:

https://www.amazon.de/QJKEJI-Sechskantschrauben-Maschinenschrauben-Unterlegscheiben-Gewindeschrauben/dp/B0D25RB4QD/ref=sr_1_9?__mk_de_DE=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crd=38NDXBFRJNWWS&dib=eyJ2IjoiMSJ9.hYM0mhMpRiUHye2j1hPcRNOdrAgo1F6a9sRiCuCXEJkiWsfGCU8Ed5zOplhVYLWlz8uW5Qhmj--j-FcmwOWN-266wTD6qvr4T_pGKgItTP4mhniBHfsZl4WJ-TjUzlqIRqK3rafSmJC_Db6CJxLNSS3cWso3Jm5m60DinmclCTc_zHjg341MfaaOvz3eL_6d-zQfPNLSIZXQZ8k-G_DAZtpxP_un-QKo5vLBj4ZRYOs4cC5L8Vyu-gi_WQauH_6bNlcRO5m1cigqa6nZpqQTm2o6qcqGKwRpsPJjy2y2m0.odlc5hp9DygtjrUJG_h-Z_4mJHj5rPJad9LtnB4Bhow&dib_tag=se&keywords=M8%2BScrew%2Band%2Bbolt&qid=1743801228&sprefix=m8%2BScrew%2Band%2Bbolt%2Caps%2C152&sr=8-9&th=1

b. The Hole is $\varnothing 4.2 \text{ mm}$, height is 5.8mm. and the hole in platte is $\varnothing 4.1 \text{ mm}$.

03320-04X14 4mm*14mm length

Use 2 to fix right and left hole.

<https://norelem.de/de/Produkt%C3%BCbersicht/Flexibles-Normteilesystem/03000/Zylinderstifte-Passfedern-Abziehwerkzeug/Zylinderstifte-DIN-6325/p/agid.2785>