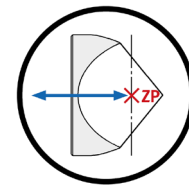


Nutshell Adapter: Ø30 mm to Ø1.5"



Ball prisms are available with outer Ø 30 mm and Ø1.5". With the nutshell adapter, the small Ø30 mm balls can now also be inserted into the „large“ bases for Ø1.5" balls:

- **Standard bases for 1.5" balls** with base-Ø 33 and 40 mm [s. page XXX](#)
- Bases / nests with various **bases with threads** [s. page XXX](#)
- **Magnetic quick change system** for force-centered switching between ball prisms and laser scanning/lasertracker targets, e.g. for registration and georeferencing [s. page XXX](#)

With Ø1.5", ball reflectors from other areas of surveying are also offered, including SMR angle mirrors for laser trackers used in industrial surveying. To ensure compatibility between the various surveying disciplines, we have developed bases/nests which have since only been used in combination with Ø1.5" spheres. Now these applications are also possible with the 30 mm balls:

- **3D stainless steel base** (for edges, corners, bore holes etc.)
- **System Klimax:** Measuring and finding points on walls and floors



The outside of the adapter is spherical with Ø1.5". After inserting the Ø30 mm ball on the conical inner part, the ball centre (= visible prism centre) is at the same height as the centre of a directly inserted Ø1.5" ball. On stainless steel bases the height is therefore 25 mm (see picture 1) and on blue bases 38.1 mm (see picture 2).

Description	Order-No.	Euro
Nutshell adapter: Ø30 mm to Ø1.5"	1437	37,-



Properties of the nut shell adapter:

- Made of non-magnetic stainless steel
- Since the magnetic holding force of the base is weakened due to the greater distance to the magnetic ball, we recommend using bases with higher holding force
- A central bore Ø5 mm makes the use of the centering pin No. 1458.ZS possible ([s. page xxx](#))
- Even if the adapter is placed on the base at a slight angle, there will be no inaccuracies. The ball centre maintains the same 3D position x, y, z



Insertable balls Ø30 mm
1450 s. page XXX
1450.S s. page XXX
1451.SP s. page XXX

Now usable Ø1.5" bases
Standard Ø1.5" bases s. page XXX
3D stainless steel bases s. page XX
Klimax-Bases s. page XXX
Bases with threads s. page XXX

