

# Reglus collet chuck

for short-clamping applications with drill and milling bits  
between 0.3 and 5 mm  $\emptyset$



## Reglus chuck with symmetrical double-cone collet.

Together, the slim-line Reglus chuck and its tough, integrated collet are the perfect system.

Thanks to the ultra slim design of the chuck, it can be used even in applications where space is very restricted.

With the Reglus collet, operators can use the short-clamping method: i.e. the drill can be clamped at the depth of the hole to be drilled.

The drill is clamped at a point that is just sufficient to give the desired drill depth and to enable chips to escape. This is achieved by clamping not only the drill shaft but also the margins.

Short-clamping makes tool guidance tighter and more precise. It facilitates more accurate drilling (because the bit runs truer), higher efficiency and more or less eliminates costly drill bit breakage. Even extremely thin drills can be used safely without a reinforced shaft.

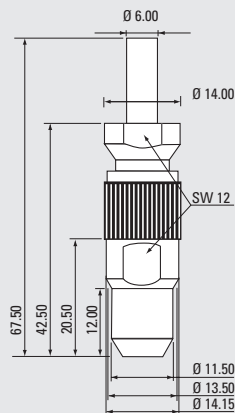
*The Reglus collet chuck is ideal for use where space is very restricted: on flanges, for example, or in narrow cylinders.*



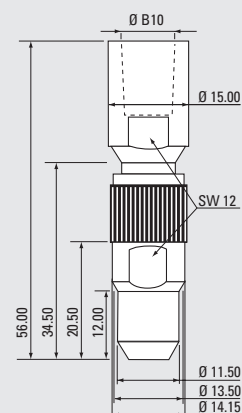
Cylindrical shank of the Reglus chuck, available in either 6 or 10 mm  $\emptyset$  (also available with B10 and B12 interior cones)



Depending on the clamping capacity required, 11 different sizes of double-cone collets (10 of them fully symmetrical) are available for the Reglus chuck.



Chuck with cylindrical 6 mm  $\emptyset$  shaft (Art. no. 301.1.06); also available with 10 mm  $\emptyset$  cylindrical shaft and 45 mm shaft length (Art. no. 301.3.10)



Chuck with B10 interior cone (Art. no. 303.1.B10); also available with B12 interior cone (Art. no. 303.2.B12)

### Reglus double-cone collet sizes

Art. no.	Description of individual parts
304.1.0.4	Collet, clamping capacity $\emptyset$ 0.4 – 0.3 mm*
304.2.0.7	Collet, clamping capacity $\emptyset$ 0.7 – 0.4 mm
304.3.1.0	Collet, clamping capacity $\emptyset$ 1.0 – 0.7 mm
304.4.1.5	Collet, clamping capacity $\emptyset$ 1.5 – 1.0 mm
304.4.2.0	Collet, clamping capacity $\emptyset$ 2.0 – 1.5 mm
304.4.2.5	Collet, clamping capacity $\emptyset$ 2.5 – 2.0 mm
304.4.3.0	Collet, clamping capacity $\emptyset$ 3.0 – 2.5 mm
304.5.3.5	Collet, clamping capacity $\emptyset$ 3.5 – 3.0 mm
304.5.4.0	Collet, clamping capacity $\emptyset$ 4.0 – 3.5 mm
304.5.4.5	Collet, clamping capacity $\emptyset$ 4.5 – 4.0 mm
304.5.5.0	Collet, clamping capacity $\emptyset$ 5.0 – 4.5 mm

\*not fully symmetrical

Thanks to the Reglus chuck's extremely slim design, fast, precise drilling is now possible even where space is extremely restricted. Enormously increased tool rigidity means even tiny drill bits down to 0.3 mm  $\emptyset$  can be used without a reinforced shaft and, from about 1 mm  $\emptyset$  can even be used in hand drills. Drilling in thin-walled materials like sheet metal is child's play.

Manufacturer:

**Reglus AG**

Precision technologies and electronics

CH-8134 Adliswil, Soodstrasse 59

Telephone +41-44-710 50 11

Telefax +41-44-710 14 80

www.reglus.ch

E-mail: reglus@reglus.ch

Advice, sales, service: