



## HYDRO-GRIP G2 OPERATING INSTRUCTION

Description

The new HYDRO-GRIP G2 is a hydraulic chuck with tough and compact design.

#### Features

The G2 features a double walled construction and pressurization is carried out with an allen T-wrench. The G2 chuck may be pressurized without a tool inserted although this is not recommended.

Please note, the G2 3/8" must not be pressurized without any tool and the tool must be completely inserted in the chuck before pressurizing in order to avoid any damage.

#### Benefits

HYDRO-GRIP G2, off ers excellent centering and fastening performance, fantastic user friendliness and very rapid tool changes. Great performance, ease of use and less downtime, all in one unit!

#### **Technical Specification**

#### Tolerances

The G2 chuck is designed and manufactured for a router bit shank with the tolerance g6 (h7).

Transmittable torque for tools with tolerances

Dimension	h6	h7	g6	Safety screw	
D	Nm	Nm	Nm	ISO 4762	
12	60	30	30	M6x40	
16	100	75	75	M6x40	
20	260	175	175	M8x45	
25	480	350	350	M8x45	
3/8"	30	15	15	M6x40	
1/2"	60	30	30	M6x40	
3/4"	260	175	175	M8x45	
1"	480	350	350	M8x45	

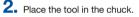
#### Allen T-wrench: simple and easy

Pressurizing is carried out with an allen T-wrench. By simply turning the allen T-wrench a few turns to the end position max 6 Nm, the system is fully pressurized and the HYDRO-GRIP is centered and fastened in just a few seconds. The G2 chuck is balanced to G 2,5 at 25000 rpm. The runout is measured at 3xD and the max runout is 0,006 mm. A normally balanced chuck and tool unit can be used up to a maximum speed of 25000 rpm.

#### Assembly Instructions



**1.** The tool and G2 chuck must be thoroughly cleaned, removing all traces of grease and other impurities.





**3.** Tighten the pressurizing screw until it stops, max 6 Nm! Any higher tightening torque will not increase the fastening force.





**4.** The tool shank (not for solid carbide tools) must be equipped with a min thread depth of 18 mm. Thread size according to specification.

**5.** The G2 chuck and tool unit is now ready to be installed on the woodworking machine.

# GDP

### **GDP Industrial Tooling**

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