

Woodworking

ETP
HYDRO-GRIP



HYDRO-GRIP SLENDER

OPERATING INSTRUCTION

Description

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

Features

HYDRO-GRIP SLENDER features a double walled construction and pressurization is carried out with an allen T-wrench. HYDRO-GRIP SLENDER 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 SLENDER, offers 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

HYDRO-GRIP SLENDER 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 HYDRO-GRIP SLENDER is centered and fastened in just a few seconds. HYDRO-GRIP SLENDER 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 HYDRO-GRIP SLENDER must be thoroughly cleaned, removing all traces of grease and other impurities.



- 2.** Place the tool in the chuck.



- 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.** HYDRO-GRIP SLENDER chuck and tool unit is now ready to be installed on the woodworking machine.



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