Mod. PG.04.26.152 Rev.4 - 2025

OLYMPUS®

TECHNICAL DATA SHEET

OLY CONNECT FLOOR WOOD - BA

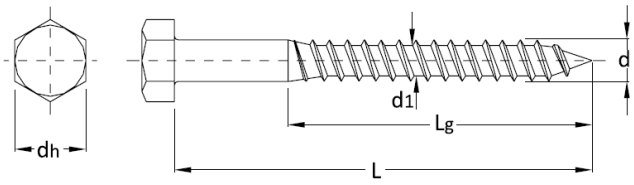
Dry-assembly connector consisting of a hexagonal head wood screw (DIN 571), made of galvanized steel

OLY CONNECT FLOOR WOOD - BA

Dry-assembly connector consisting of a hexagonal head wood screw (DIN 571), made of galvanized steel

OLY CONNECT FLOOR WOOD is the CE-certified dry connector according to EN 14592:2008+A1:2012 for structural applications on wood. The screw has a hexagonal head and is made of galvanised steel

Description	Diameter	Base material	Finish
Wood screw with hexagon head DIN 571	12 mm	Carbon steel	Galvanising thickness ≥ 5 μm



Trade name	l	l_g	d	d_1	d_h	$M_{y,k}$	$f_{ax,k}$	$f_{head,k}$	$f_{tens,k}$	$R_{tor,k}$	$f_{tor,k}$
OLY CONNECT FLOOR WOOD 140 - BA0112140	140	84	11,86	9	19	58,46	14,36 (ρ_a=463)	32,09 (ρ_a=127,6)	35,08	32,59	67,33
OLY CONNECT FLOOR WOOD 160 - BA0112160	160	96									

Legend

Symbol	Unit of measurement	Description
d	mm	Nominal diameter
d_1	mm	Internal diameter of the thread
l	mm	Overall length of the connecting element
l_g	mm	Length of the thread
d_h	mm	Diameter of the head
$M_{y,k}$	Nm	Characteristic yield moment
$f_{ax,k}$	N/mm^2	Characteristic pull-out strength parameter
$f_{head,k}$	N/mm^2	Characteristic head penetration resistance parameter
$f_{tens,k}$	kN	Characteristic tensile strength
$R_{tor,k}$	Nm	Characteristic torsional strength at insertion into wood
$f_{tor,k}$	Nm	Characteristic torsional strength
ρ_a	N/mm^2	Associated wood density

Installation

OLY CONNECT FLOOR WOOD is applied directly onto the wooden element (e.g. beam) through simple operations:

- Drill holes in the timber element. The hole diameter must be 2 mm smaller than the connector diameter;
- Clean the hole of dust by blowing or vacuuming;

Install the connector using an impact wrench to the desired depth.

Packaging

Box: 50 pz

Storage and safety conditions

Store in a covered, dry place. Use appropriate precautions during handling, transport and storage to avoid damage.
Wear personal protective equipment (head, gloves, goggles and dust masks) during the preparation and installation of the reinforcement systems.If required, connectors such as OLY STEEL CHAIN, OLY ROPE or OLY ROD can be used according to the design specifications. Please refer to the component data sheets and installation manuals for further details.

General Warnings

This technical datasheet supersedes and cancels previous versions.
The information in this datasheet reflects our current knowledge and experience. The data has been processed with the utmost care, though without guaranteeing its accuracy and completeness, and without assuming responsibility for further decisions made by the user. The data do not impose any legal commitment or secondary obligations of any kind. The data do not relieve the customer from independently verifying the product's suitability for the intended use. Our products undergo continuous quality checks on both raw materials and finished products to ensure consistent quality. Our technicians and consultants are available to provide information, clarification, and answers regarding the use and processing of our products, as well as on-site inspections. Updated technical datasheets can be found on the internet at www.olympus-italia.com or can be requested from our offices. Marking obligations are not related to the intrinsic nature of a product but to its intended use: before placing an order, it is the customer's responsibility to submit all available documentation to the project manager to establish the material's suitability (in terms of certifications and performance) for its intended use.
The product is an article according to the definitions of Regulation (CE) n. 1907/2006 and therefore does not require a Safety Data Sheet.
To verify the latest version of this technical datasheet, for information, technical support, and additional structural reinforcement systems, contact Olympus Technical Office:
email: ufficiotecnico@olympus-italia.com – tel: 800.910272 – web: www.olympus-italia.com

Product for Professional Use