

RING



VIDEO

CALCULATION
TOOL

REMOVABLE CONNECTOR FOR STRUCTURAL PANELS

DOUBLE INCLINATION

Thanks to the double inclination of the screws, the connectors can be pre-installed in the factory or inserted on site. The installation of inclined screws is facilitated by the special geometry of the connector.

TIMBER-TO-TIMBER VERSION

The version with screws (RING60T) is ideal for connections between CLT panels as a floor-to-floor, floor-to-wall or wall-to-wall joint system. Installable on site, it allows positioning the panels according to any inclination and tolerances.

TIMBER-TO-STEEL VERSION

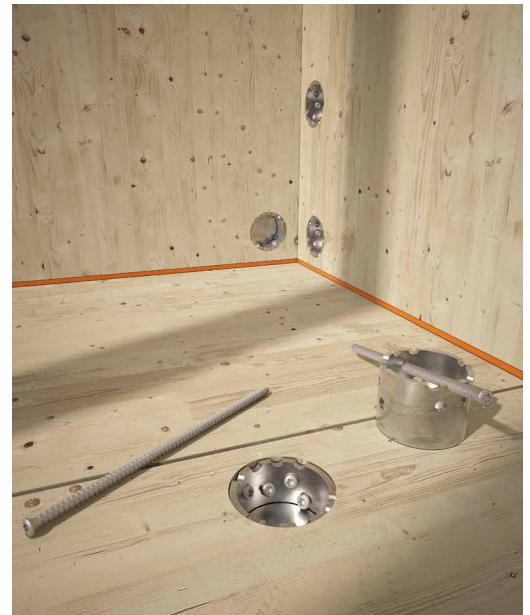
The bolted version (RING90C) is ideal for timber-to-steel connections in hybrid structures, or timber-to-timber connections using two connectors. No additional components required, simple bolting with M16.

EFFICIENT

The high strength of the connector makes it possible to reduce the number of fastenings. In the factory, simple processing of the panel is required, resulting in easy transport and installation, speeded up by operations performed only on one side of the wall.



USA, Canada and more design values available online.



SERVICE CLASS

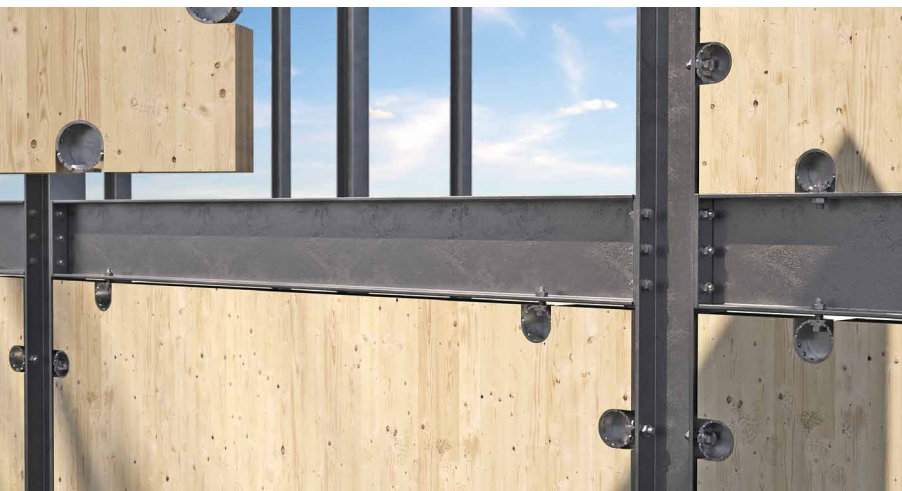
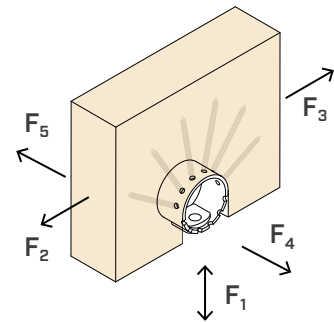
SC1 SC2

MATERIAL

S355
Fe/Zn12c

S355 + Fe/Zn12c carbon steel

EXTERNAL LOADS



UNIVERSAL

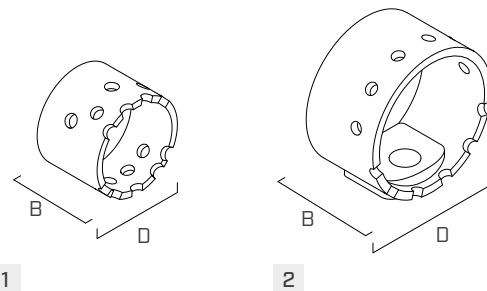
The **RING60T** connector can be used for all connections between CLT panels such as wall-to-wall, wall-to-floor or floor-to-floor.

DISASSEMBLED

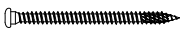
The **RING90C** model can be used for timber-to-steel connections in hybrid structures. Easy to disassemble thanks to the M16 bolt.

CODES AND DIMENSIONS

CODE	D [mm]	B [mm]	D [in]	B [in]	n Ø8 n Ø0.30 [pcs]	n Ø18 n Ø0.71 [pcs]	pcs
1 RING60T	60	45	2 3/8	1 3/4	4+5	-	5
2 RING90C	90	50	3 1/2	1 15/16	6	1	5



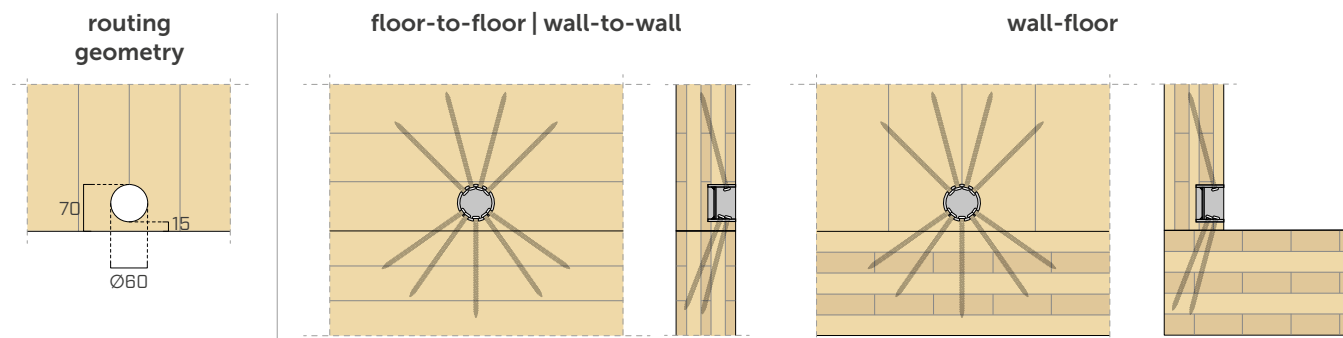
FASTENERS

type	description		d [mm]	support	page
LBS HARDWOOD EVO	C4 EVO round head screw on hardwoods		7		572
KOS	hexagonal head bolt		16		168

For further details please see the "TIMBER SCREWS AND DECK FASTENING" catalogue.

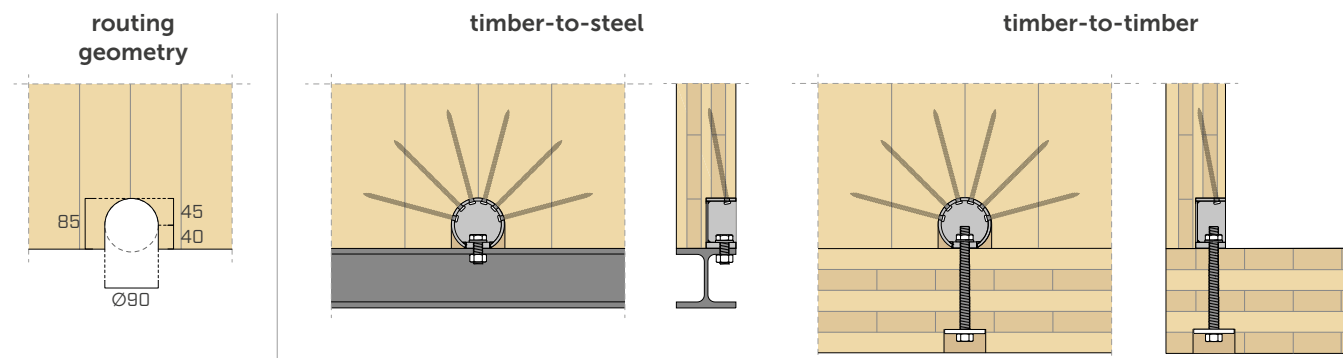
INSTALLATION

RING60T



RING60T enables timber-to-timber connections to be made. The connector is fastened to the first timber component inside a simple circular hole 60 mm in diameter and 45 mm deep. It is fastened to the first timber component with 4 LBS HARDWOOD EVO Ø7 screws; the timber-to-timber connection is completed by inserting further 5 LBS HARDWOOD EVO Ø7 screws. It can be pre-installed in the factory or, in the case of a floor-to-ceiling or wall-to-wall connection, it can be installed after the panels have been installed, thanks to the double inclination of the screws.

RING90C



RING90C is fastened to the timber component with 6 LBS HARDWOOD EVO Ø7 screws. It has a hole for inserting an M16 bolt, which can be fastened to other structural components made of steel, concrete or timber. The main application is within hybrid timber-to-steel structures but it is possible to make timber-to-timber connections using two opposing connectors or a timber bolt. The connector is easily disassembled by undoing the bolt.