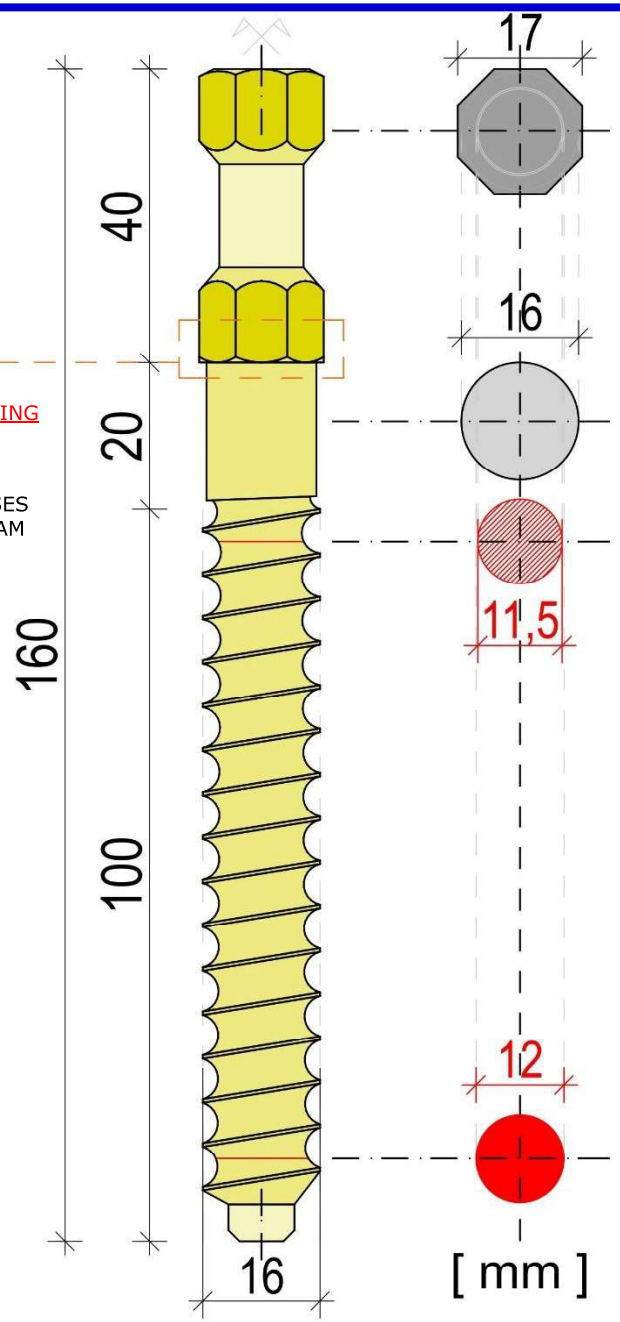
ALFER CONNECTOR WOOD·CONCRETE

STANDARD TECHNICAL SHEET

LIMIT STOP ON THE BOARDING

THE LIMIT STOP COMPRESSES THE BOARDING ON THE BEAM DURING THE TIGHTENIN.

THIS COMPRESSION ELIMINATES THE DOUBLE POINT SHEAR-FLEX



CONNECTOR

Shear resistance diameter	**d**	16 [mm]
Characteristic breaking strength	f_{uk}	593 [N/mm^2]

MECHANICAL VALUES OF THE CONNECTION

"For simple joisted floors with ***CONTINUOUS AXE***"

WOOD		**CONNECTOR**	
SOLID		Characteristic bearing shear strength **R_k**	22595 [N]
CLASS	DENSITY	Instant slip modulus **K_{SER}**	10306 [N/mm]
C18	380 Kg/m³	Ultimate slip modulus **k_U**	6871 [N/mm]

WOOD		**CONNECTOR**	
SOLID		Characteristic bearing shear strength **R_k**	24319 [N]
CLASS	DENSITY	Instant slip modulus **K_{SER}**	11976 [N/mm]
C24	420 Kg/m³	Ultimate slip modulus **k_U**	7984 [N/mm]

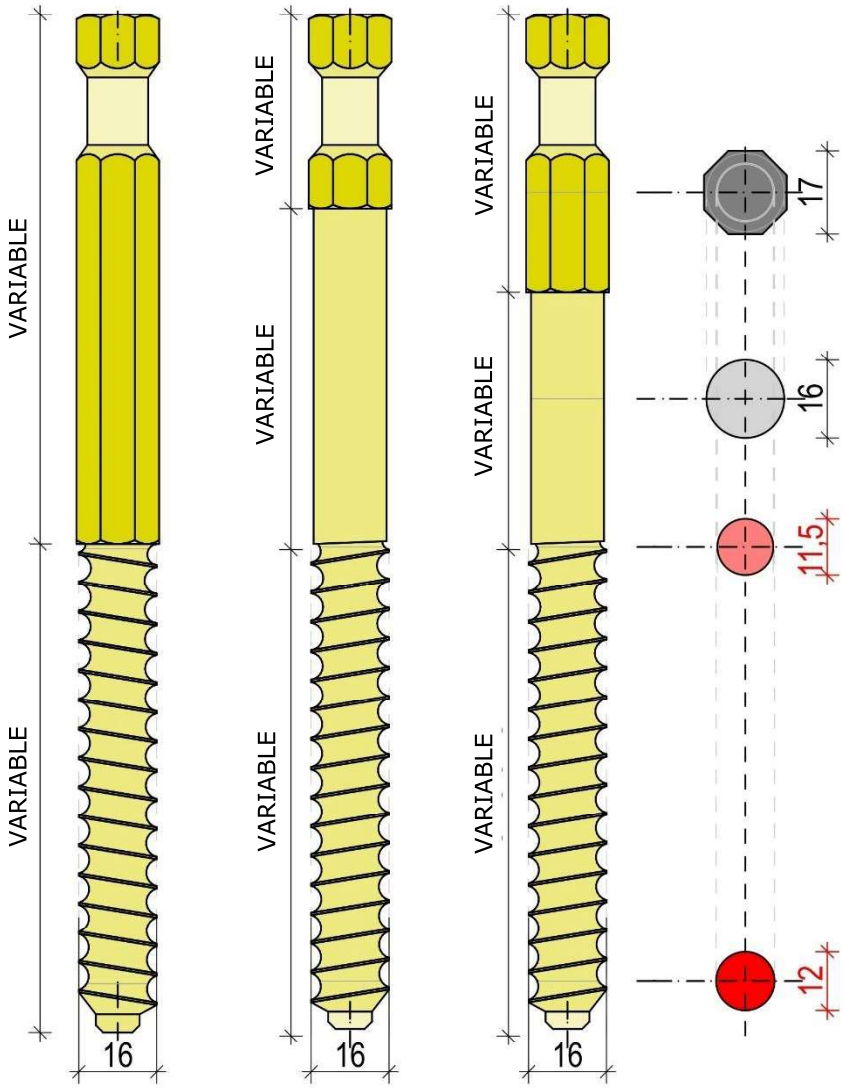
WOOD		**CONNECTOR**	
LAMINATED		Characteristic bearing shear strength **R_k**	26328 [N]
CLASS	DENSITY	Instant slip modulus **K_{SER}**	12087 [N/mm]
GL24h	385 Kg/m³	Ultimate slip modulus **k_U**	8058 [N/mm]

SPECIFICATION ITEM

Dry connector consisting of a single steel body with a 16 mm diameter, shaped for mechanical hooking to wood and concrete. The lower part is threaded with a continuous screw pitch 6 R3: external spiral with constant diameter and the tapered internal thread is conical with reverse adaptation. The intermediate part is without thread (maximum shear position) with stop limit on the boarding and the upper part is shaped with groove gripping the concrete slab.

ALFER CONNECTOR WOOD-CONCRETE

SPECIAL TECHNICAL SHEET



CONNECTOR			
Shear resistance diameter		**d**	16 [mm]
Characteristic breaking strength		f_{uk}	593 [N/mm^2]

MECHANICAL VALUES OF THE CONNECTION

"For simple joisted floors with ***CONTINUOUS AXE***"

WOOD		CONNECTOR	
SOLID		Characteristic bearing shear strength R_k	22595 [N]
CLASS	DENSITY	Instant slip modulus K_{SER}	10306 [N/mm]
C18	380 Kg/m^3	Ultimate slip modulus k_U	6871 [N/mm]

WOOD		CONNECTOR	
SOLID		Characteristic bearing shear strength R_k	24319 [N]
CLASS	DENSITY	Instant slip modulus K_{SER}	11976 [N/mm]
C24	420 Kg/m^3	Ultimate slip modulus k_U	7984 [N/mm]

WOOD		CONNECTOR	
LAMINATED		Characteristic bearing shear strength R_k	26328 [N]
CLASS	DENSITY	Instant slip modulus K_{SER}	12087 [N/mm]
GL24h	385 Kg/m^3	Ultimate slip modulus k_U	8058 [N/mm]

Ps. the mechanical values provided refer to the case of simple frame floors and continuous boarding.
In the case of double frame floors they may suffer variations according to the specific application.

SPECIFICATION ITEM

Dry connector consisting of a single steel body with a 16 mm diameter, shaped for mechanical hooking to wood and concrete. The lower part is threaded with a continuous screw pitch 6 R3: external spiral with constant diameter and the tapered internal thread is conical with reverse adaptation. The intermediate part is without thread (maximum shear position) with stop limit on the boarding and the upper part is shaped with groove gripping the concrete slab.