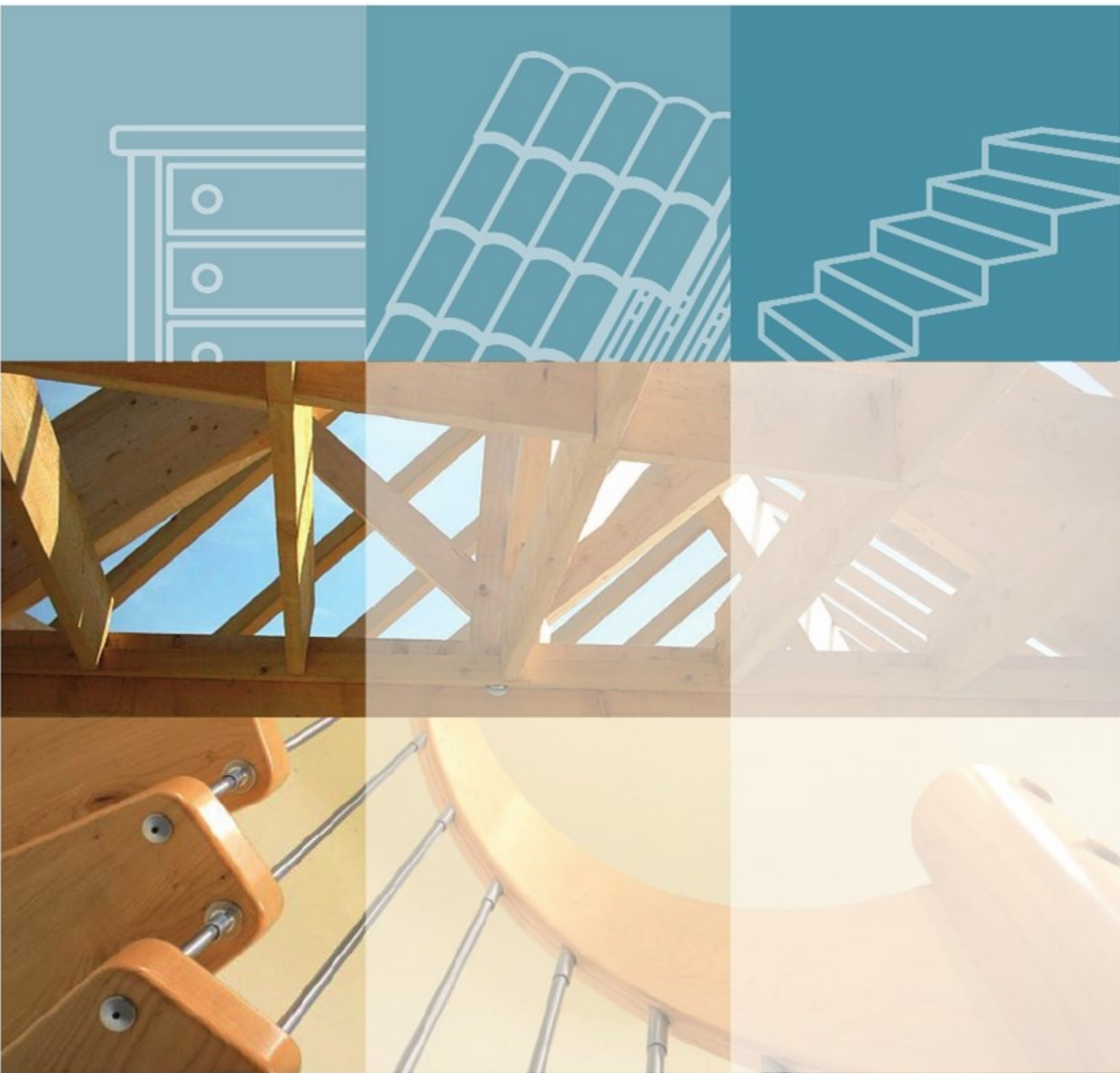




Wood Fixings



Wood inserts

TRB type - Brass

Round, placed insert, installation by expansion, threaded

page 3

SBH type - Zinc coated mild steel

Round, self tapping insert, hexagonal, headless, threaded

page 4

TBH type - Zinc coated mild steel

Round, self tapping insert, hexagonal, flush head, threaded

page 5

Tee type - Zinc coated mild steel

Nuts with claws, hammer in, internally threaded

page 6

Split type - Brass or steel

Round, placed insert, installation by splitting

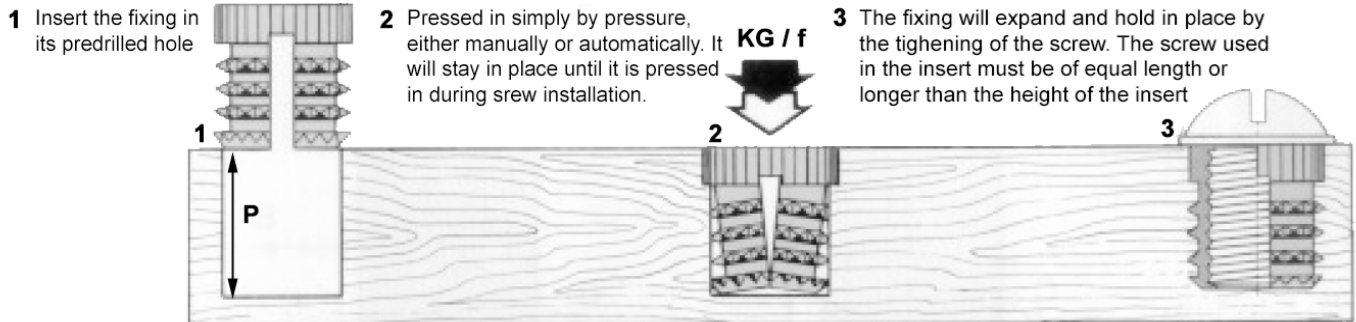
page 7





TRB type

Round, placed insert, installation by expansion, threaded

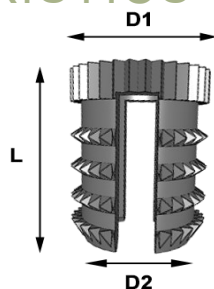
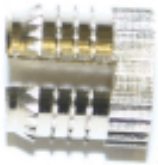


DESCRIPTION

The TRB range of pressed inserts are ideal for many types of wood and fibre board material. Made from brass the anti corrosion properties make them ideal for internal or external applications. Once pressed into the predrilled hole, the inserts are held in by the tightness of the insert collar. The insert is then fixed into place permanently by inserting into the threaded centre. The screw must be the minimum of the overall length of the insert, to gain maximum force.

TECHNICAL

CHARACTERISTICS



THREAD SIZE	LENGTH "L"	BODY DIA (With Thread) "D1"	BODY DIA "D2"	MIN' HOLE DEPTH "P"	PART NUMBER
M4	8	6	5	9	41/TRB040H080
M5	8	7	6	9	41/TRB050H080
M6	9.5	9	7.5	11	41/TRB060H095
M8	10	10	8.5	11	41/TRB08H100
M10	13	12	10.5	14	41/TRB100H130

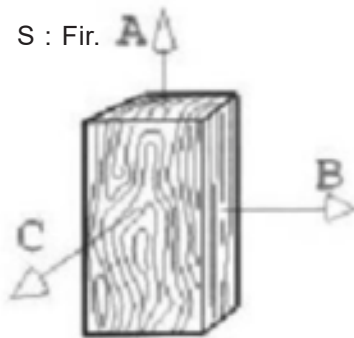
PPS : Particles pannels of density 666.

MDF : Fibre pannels average 690.

C : Oak.

H : Beech.

S : Fir.



Test of 19mm

Material	Max force (daN) according to A average	Standard Deviation	Max force (daN) according to B average	Standard Deviation	Max force (daN) according to C average	Standard Deviation
PPS	—	—	102	8,8	143,2	16,2
MDF —	—	76,5	8,8	127,8	8,5	
C	163,6	34,3	211,2	13,1	221,7	16,5
H	156	8	241,2	5,9	233,1	8,3
S	98	15,2	108,4	27,9	98,7	3,8

All the values mentioned above are the results of tests made in laboratories of C.T.B.A. (PV : 87/48/02).

SBH type

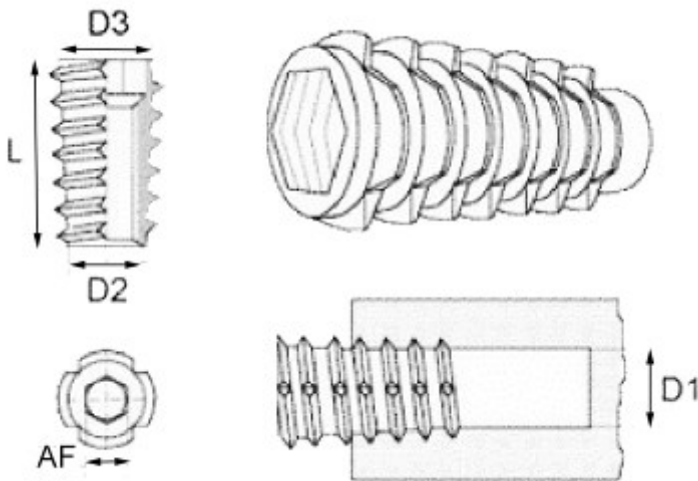
Round, self tapping insert, hollow hexagonal, headless, internally threaded



DESCRIPTION

The SBH type of insert is designed with space in mind. Without a head, this insert can be placed where space is limited. Made from mild steel with zinc coating to give it protection from the elements. This insert can be placed and removed easily with the internal hex. This insert is self tapping so no requirement to predrill holes, unless the wood is prone to splitting, as you would a screw.

TECHNICAL CHARACTERISTICS



MATERIALS

Zinc plated mild steel

NOTE

The hole "D1" varies in the support of the insert, depending on the density of the wood.

THREAD SIZE	LENGTH "L"	BODY DIA (With Thread) "D1"	BODY DIA "D2"	HEAD DIA "D3"	ACROSS FLATS "AF"	PART NUMBER
M4	10	5.7/6	5.5	7.5	4	41/SBH040H100
M5	13	7.7/8	6.5	11	5	41/SBH050H130
M6	10	8.7/9	7.5	12	6	41/SBH060H100
M6	13	8.7/9	7.5	12	6	41/SBH060H130
M6	20	8.7/9	7.5	12	6	41/SBH060H200
M8	13	11.2/11.5	9.5	14.5	8	41/SBH080H130
M8	20	11.2/11.5	9.5	14.5	8	41/SBH080H200
M8	25	11.2/11.5	10.5	14.5	8	41/SBH080H250
M10	25	12.7/13	11.5	15.5	10	41/SBH100H250



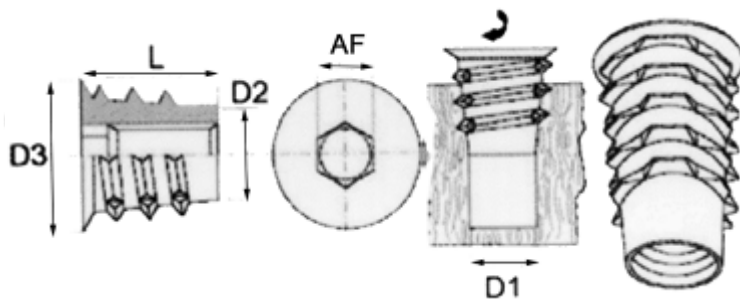
TBH type

Round, self tapping insert, hollow hexagonal,
flushed head, internally threaded

DESCRIPTION

The TBH type of insert is the same family as the SBH. Fitted with a flat head, this insert can also be placed where space is limited. Made from mild steel with zinc coating to give it protection from the elements. This insert can be placed and removed easily with the internal hex. This insert is self tapping so no requirement to predrill holes, unless the wood is prone to splitting, as you would a screw.

TECHNICAL CHARACTERISTICS



MATERIALS

Zinc plated mild steel



THREAD SIZE	LENGTH "L"	BODY DIA (With Thread) "D1"	BODY DIA "D2"	HEAD DIA "D3"	ACROSS FLATS "AF"	PART NUMBER
M4	10	5.7/6	5.5	8.5	4	41/TBH040H100
M5	10	7.7/8	6.5	11.5	5	41/TBH050H100
M5	13	7.7/8	6.5	11.5	5	41/TBH050H130
M6	10	8.7/9	7.5	12.5	6	41/TBH060H100
M6	13	8.7/9	7.5	12.5	6	41/TBH060H130
M6	20	8.7/9	7.5	12.5	6	41/TBH060H200
M6	25	8.7/9	8	12.5	6	41/TBH060H250
M8	13	10.7/11	9.5	14.5	8	41/TBH080H130
M8	25	10.7/11	9.5	14.5	8	41/TBH080H250
M10	13	12.2/12.25	11.5	16	10	41/TBH100H130
M10	25	12.2/12.25	11.45	16	10	41/TBH100H250

Tee type



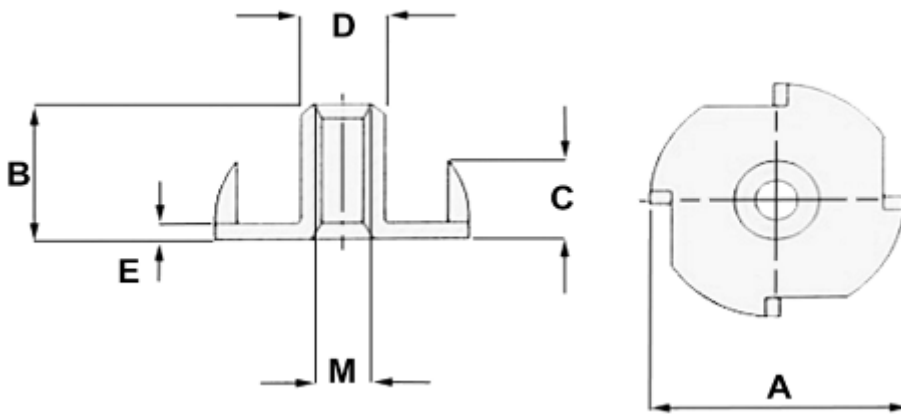
Nuts with claws, hammer in, internally threaded

DESCRIPTION

The Tee nut is designed to hammer into a pre drilled hole with the 4 claws or fillets inserting into the wood surrounding the hole. Once installed they are strong and durable but can be removed if required. Their shallow body enables them to be inserted on the surface of the wood and can even be covered by a laminated veneering or plastic.

MATERIALS

Zinc plated mild steel



reference	metric	length		B	C	D	E
	M	A					
42/M3H5ZN	M3	13		5	3,5	4.2	0.8
42/M4H6ZN	M4	15		6	4.25	5	0.9
42/M4H8ZN	M4	15		8	4.25	5	0.9
42/M5H6ZN	M5	17		6	5.3	6.2	1
42/M5H8ZN	M5	17		8	5.3	6.2	1
42/M5H10ZN	M5	17		10	5.3	6.1	1
42/M5H12ZN	M5	17		12	5.3	6	1
42/M6H9ZN	M6	19		9	6.7	7.4	1.2
42/M6H12ZN	M6	19		12	6.7	7.5	1.3
42/M6H14ZN	M6	19		14	6.7	7.5	1.3
42/M8H11ZN	M8	22		11	8.3	9.5	1.5
42/M8H13ZN	M8	22		13	8.3	9.8	1.6
42/M8H15ZN	M8	22		15	8.3	9.8	1.6
42/M10H12ZN	M10	25		12	9.2	12	1.8
42/M10H13ZN	M10	25		13	9.2	12	1.8



Split type

Round, placed insert, installation by splitting tool

DESCRIPTION

Providing a unique permanent fixing solution. Ideal for deep applications, repairs and oversizing existing hole sizes. Traction occurs on the tapered part of the dowel, causing the upper section to splay out. The sharp spikes then penetrate the wood to ensure a permanent fix.

SETTING

Screw the Split insert onto the mandrel of the tool

(please see our range of rivetnut tools)

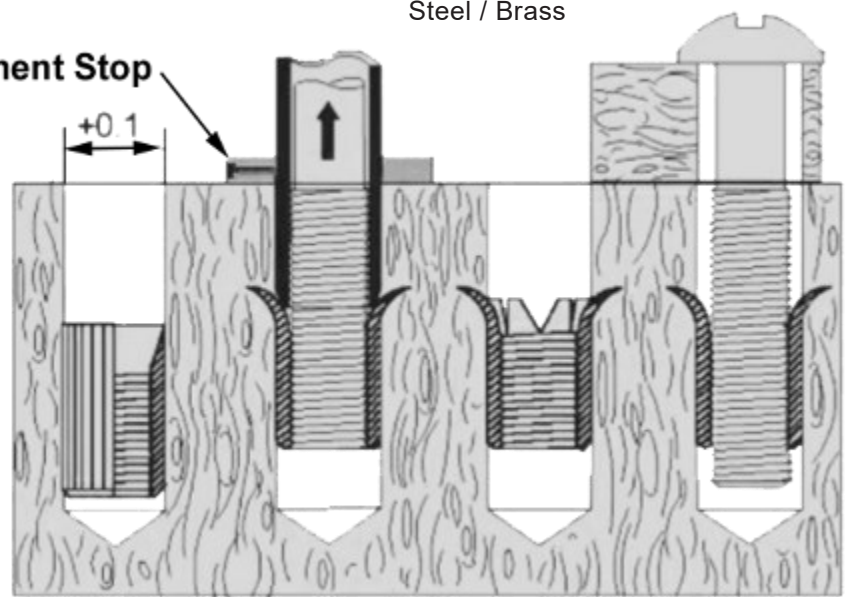
Insert the tool dowel with the insert into the previously drilled hole in the support.

Activate the handles or the trigger of the mounting tool.
Remove the tool.

The Split insert is firmly placed in the wood and ready for insertion of the screw.



Adjustment Stop



MATERIALS

Steel / Brass

Metric Size	Thread Pitch	D	P	Material
M	L			
M4	08/09/2012	6,5	6,6	Steel/Brass
M5	10/12/2014	7,5	7,6	Steel/Brass
M6	10/12/2014	8,5	8,6	Steel/Brass
M8	14-17-19	10,5	10,6	Steel/Brass

PPS MV660	Plywood	Laminated Plywood	Fir	Beech	Oak
182	198	208	184	315	282
260	303	308	268	406	411
244	276	278	244	380	411
281	332	364	310	484	528

All the values mentioned above are the results of tests made in laboratories of C.T.B.A. (PV : 87/48/02).



Rivetnut Technology Systems Ltd
01296 330331
info@rivetnut.co.uk

Unit 5 Bridgegate Business Park
Gatehouse Way
Aylesbury
Buckinghamshire
HP19 8XN
Website: rivetnut.co.uk