

deffner & Johann

Supplies for RESTORATION | CONSERVATION | ART HANDLING – SINCE 1880

TECHNICAL DATA SHEET

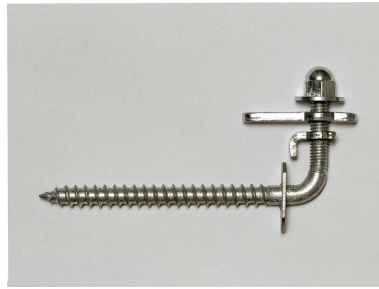
info@deffner-johann.de | +49 9723 9350-0

Die in diesem Produktdatenblatt genannten Spezifikationen dienen nur zur Produktbeschreibung und beziehen sich auf den Zeitpunkt unmittelbar nach der Produktion bzw. Import des Produktes. Sie entsprechen den Angaben des Herstellers. Eine rechtsverbindliche Zusicherung bestimmter Eigenschaften oder der Eignung für einen bestimmten Einsatzzweck kann hieraus nicht abgeleitet werden. Durch unsachgemäßen Transport und / oder unsachgemäße Lagerung können sich Änderungen ergeben. Die Angaben in diesem Produktdatenblatt entbinden den Verarbeiter nicht von eigener Prüfung der Eigenschaften des Produktes und dessen Eignung für die vorgesehene Verwendung.

T-Hang-system by Temart



T-Hang M4/M5



T-Hang Long



T-Hang M6

APPLICATION

The Temart Hanger (T-Hanger) is a development of the L-hook, designed for a quick and secure mounting of artworks with different kinds of hanging systems and on any type of wall. The T-hanger's prime characteristics are:

- Usable for different types of hanging system
- Adjustable height
- Anti-theft construction
- Usable on any type of wall
- Easy to use and time-saving
- Reusable

The T-hanger's adaptability becomes clear in handling loaned artworks. When different types of screw loops or similar are used in an exhibition, the T-hanger makes handling easier and prevents theft of hung objects. Reusability, as well as quick and secure mounting make the T-hanger a good investment.

There are four types of T-Hang in the T-Hang series:

- T-Hang M4
- T-Hang M5
- T-Hang M5 Long
- T-Hang M6

T-Hang M4/M5



APPLICATION

The Temart Hanger (T-Hanger) is a development of the L-hook, designed for a quick and secure mounting of artworks with different kinds of hanging systems and on any type of wall. The T-hanger's prime characteristics are:

- Usable for different types of hanging systems
- Adjustable height
- Anti-theft construction
- Load up to 40 kg/ T-hanger
- Usable on any type of wall
- Easy to use and time-saving
- Reusable

The T-hanger's adaptability becomes clear in handling loaned artworks. When different types of screw loops or similar are used in an exhibition, the T-hanger makes handling easier and prevents theft of hung objects. Reusability, as well as quick and secure mounting make the T-hanger a good investment.

TARGET GROUP

The T-Hanger has been developed for exchange exhibitions, art in public spaces, art Galleries, museums and the discerning private collector. With a T-hanger in the wall, it will usually not be necessary to make any physical intervention into artworks loaned for an exhibition. The T-Hanger is also used in churches to secure freestanding sculptures and ornaments.

DESCRIPTION

The vertical screwthread conforms to the SI System. The lower nut enables the step-free adjustment in height without special tools. The upper cupola nut has an anti-theft function. The cupola nut can be mounted and removed with a special tool. The powerful horizontal screwthread has an angle of ascent which enables quick and secure mounting into wood or plaster, as well as into wall plugs for plaster, concrete and brick. The wood screw end with a plate with a 2 mm hole in one corner. The plate increases the load tolerance and spreads the pressure over a larger area. The plate also covers the screw hole, the 2 mm hole being used to fix the screw in a vertical position in porous wall materials.

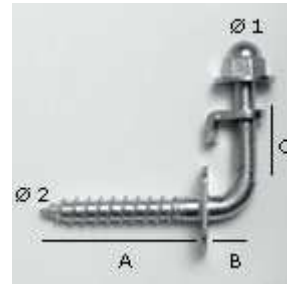
MATERIAL

The T-Hanger is entirely manufactured in strong and durable industrial steel. Electric

galvanisation gives strong rust and abrasion protection.

SIZES

Modell	Ø 1	Ø 2	A	B	C
T-4	4	4,5	30	6	25
T-5	5	5,5	33	8	25



ACCESSORIES

OZZY

For the model T-5, the accessory ""Ozzy"" is available, enabling hanging of round screw loops as well as oval and rectangular hanging devices which may appear on loaned artworks. Ozzy consists of two components, the lower one enabling adjustment of height and the locking of hanging devices of different types. The other component is a washer with a long tongue to simplify mounting and contribute to anti-theft function. The washer is not always necessary to secure the artwork, but is always included in the delivery.



T-SCREW

The T-Screw is used for quick and simple screwing in of the T-hanger into a wall. By using the T-Screw, both the T-hanger and the wall behind are protected from unnecessary damage and time for mounting is minimised. A T-Screw is included in a first delivery of at least 10 T-Hangers.



FLEXDRIVE WITH MAGNETIC SLEEVE

The Flex drive allows you to mount or remove the cupola nut. The Flex drive which is extendable up to 45 cm is used as an ordinary screw driver. At the end of the Flex drive there is purpose made magnetic sleeve which will hold the cupola nut in the correct position.



DELIVERY

The T-Hanger is sold with adjustment nuts and lock nuts in packages containing 10 complete T-Hanger units. Flexdrive is delivered with a fixed magnetic sleeve. Ozzy is delivered in two parts. Each package contains ten complete Ozzy units. The T-Screw comes with the first order of 10 T-Hanger units.

MOUNTING

GENERAL

The T-Hanger is quick and simple to mount. The use of correct accessories makes it simpler to work effectively and to reuse the T-Hanger for many years. The T-Screw makes work even easier and ensures that the wall and the T-Hanger cannot be damaged during mounting.

Whatever the wall material, the following points must be observed when the T-Hanger is in use:

- The T-Hanger must be screwed into the wall by hand. If normal hand pressure is insufficient, then the hole or the plug is too small, or too shallow. Drill the hole and/or change the plug!
- The vertical plate must never be screwed into the wall damaging the wall paint. The plate still fulfils its stabilising function even if it lies 3 mm from the wall.
- Stabilise the T-Hanger when mounting in porous material with a pin in the plate hole. The pin must not be hammered fully into the wall. Leave 5 mm sticking out so that dismantling is quicker.

MOUNTING IN WOOD AND PLANKS

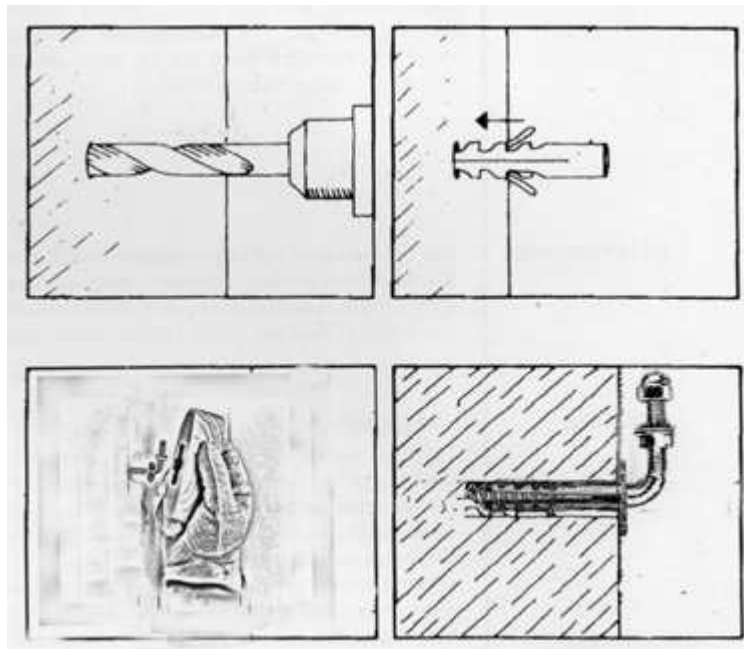
The T-Hanger's wood screw is suitable for mounting directly into wood or wooden planks. A 3.5 mm pre-drilling simplifies the mounting. When mounting heavier objects in chipboard, the use of plastic plugs is recommended to increase the load tolerance of the hole in the chipboard.

MOUNTING IN PLASTERBOARD

When mounting in plaster walls, the T-Hanger can be used without plugs if the objects does not weigh more than 5 kg. Pre-drill in the same way as for wooden planks. The drill diameter can be reduced to 2 mm. For heavier objects, a 6 or 8 mm plaster plug can stabilise a hole in plasterboard.

MOUNTING IN CONCRETE WALL

When mounting in concrete or brick walls, suitable plugs must be used. See sketch. Follow instructions for predrilling and screw dimensions given with plugs.



SUMMARY

T-HANGER

Art. Nr.	Product	Load tolerance kg/ T-hanger	Plug Ø [mm]
6121040	T-4	20 kg	6 mm
6121050	T-5	40 kg	8 mm

ACCESSORIES

Art. Nr.	Product
6121060	Sleeve key
6121045	Flexdrive

T-Hang Long



APPLICATION

The T-hang M5-Long is an addition to Temart´s standard T-hang M4 and M5. The purpose of this long varirant is to handle "difficult walls"

The T-hang M5-Long´s prime characteristics are:

- Special developed for walls with thick layer of plaster and brick walls
- Usable for different types of hanging system
- Adjustable height and width
- Anti-theft construction
- Load up to 40 kg/ T-hanger
- Usable on any type of wall
- Easy to use and time-saving
- Reusable

The T-hang M5-Long's adaptability becomes clear in handling loaned artworks. When different types of screw loops or similar are used in an exhibition, the T-hanger makes handling easier and prevents theft of hung objects. Reusability, as well as quick and secure mounting make the T-hanger a good investment.

TARGET GROUP

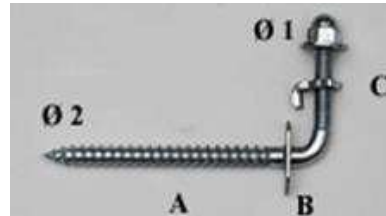
The T-hang M5-long is specially suitable for walls with thick layer of plaster, concrete and brick walls. This kind of walls you often find in older buildings such as churches. It can also be used for exchange exhibitions, art in public spaces, art Galleries, museums and the discerning private collector. With a T-hang in the wall, it will usually not be necessary to make any physical intervention into artworks loaned for an exhibition. .

MATERIAL

The T-Hanger is entirely manufactured in strong and durable industrial steel. Electric galvanisation gives strong rust and abrasion protection.

SIZES

Modell	Ø 1	Ø 2	A	B	C
M5-Long	5	5,5	60	8	25



ACCESSORIES

OZZY

For the model T-5, the accessory ""Ozzy"" is standard, enabling hanging of round screw loops as well as oval and rectangular hanging devices which may appear on loaned artworks. Ozzy consists of two components, the lower one enabling adjustment of height and the locking of hanging devices of different types. The other component is a washer with a long tongue to simplify mounting and contribute to anti-theft function. The washer is not always necessary to secure the artwork, but is always included in the delivery.



T-SCREW

The T-Screw is used for quick and simple screwing in of the T-hanger into a wall. By using the T-Screw, both the T-hanger and the wall behind are protected from unnecessary damage and time for mounting is minimised.



FLEXDRIVE WITH MAGNETIC SLEEVE

The Flex drive allows you to mount or remove the cupola nut. The Flex drive which is extendable up to 45 cm is used as an ordinary screw driver. At the end of the Flex drive there is a purpose made magnetic sleeve which will hold the cupola nut in the correct position.



DELIVERY

The T-hang M5 Long is sold complete with adjustment nuts (ozzy), and lock nuts in packages containing 10 complete T-hang M5 long units.

Flex drive is delivered with a fixed magnetic sleeve. You can choose M4, M5 or M6

MOUNTING

GENERAL

The T-Hanger is quick and simple to mount. The use of correct accessories makes it simpler to work effectively and to reuse the T-Hanger for many years. The T-Screw makes work even easier and ensures that the wall and the T-Hanger cannot be damaged during mounting.

Whatever the wall material, the following points must be observed when the T-Hanger is in use:

- The T-Hanger must be screwed into the wall by hand. If normal hand pressure is insufficient, then the hole or the plug is too small, or too shallow. Drill the hole and/or change the plug!
- The vertical plate must never be screwed into the wall damaging the wall paint. The plate still fulfils its stabilising function even if it lies 3 mm away from the wall.
- Stabilise the T-Hanger when mounting in porous material with a pin in the plate hole. The pin must not be hammered fully into the wall. Leave 5 mm sticking out so that dismantling is quicker.

MOUNTING IN WOOD AND PLANKS

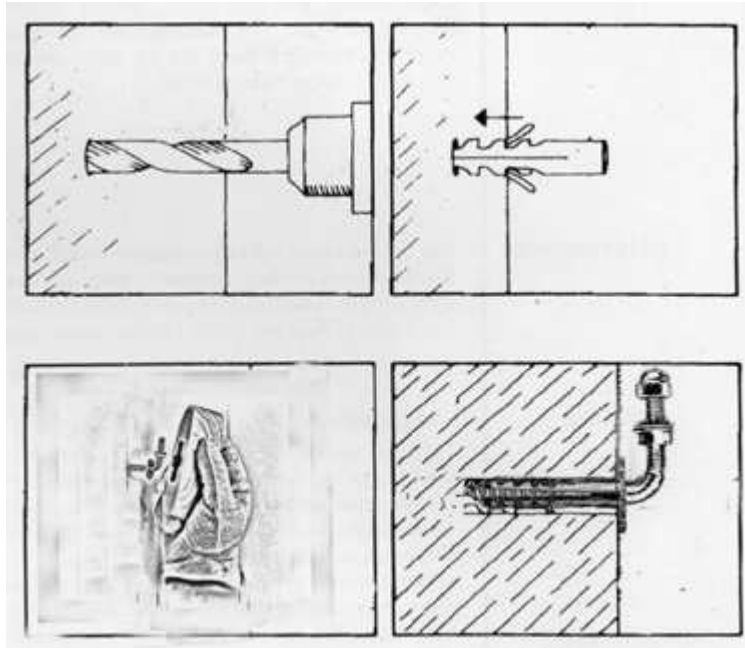
The T-Hanger's wood screw is suitable for mounting directly into wood or wooden planks. A 3.5 mm pre-drilling simplifies the mounting. When mounting heavier objects in chipboard, the use of plastic plugs is recommended to increase the load tolerance of the hole in the chipboard.

MOUNTING IN PLASTERBOARD

When mounting in plaster walls, the T-Hanger can be used without plugs if the objects does not weigh more than 5 kg. Pre drill in the same way as for wooden planks. The drill diameter can be reduced to 2 mm. For heavier objects, a 6 or 8 mm plaster plug can stabilise a hole in plasterboard.

MOUNTING IN CONCRETE WALL

When mounting in concrete or brick walls, suitable plugs must be used. See sketch. Follow instructions for predrilling and screw dimensions given with plugs.



SUMMARY

T-HANGER

Art. Nr.	Product	Load tolerance kg/ T-hanger
6121040	M4	20 kg
6121050	M5	40 kg
6121070	M5-Long	40 kg
6121080	M6	50 kg

ACCESSORIES

Art. Nr.	Product
6121045	Flexdrive with magnetic sleeve M-4
6121055	Flexdrive with magnetic sleeve M-5
6121065	Flexdrive with magnetic sleeve M-6
6121060	T-Screw

T-Hang M6



APPLICATION

T Hang-M6 is a recent invention from Temart AB. T Hang-M6 is manufactured to meet the challenge of mounting, hanging large sized, and heavy paintings on walls considered complicated. The trigger was the demand from customer already using our other T hang. The task of hanging big paintings on old walls can now be performed in the same efficient way as with the other Temart Systems. When constructing the T Hang-M6 it was important to keep all the advantages from the other T Hang products. The characteristic of T Hang-M6 are:

- Designed to hang paintings on uneven Walls with cracks and/ or heavy plaster.
- Can takes loads up to 50 kg/ T Hang-M6
- Adjustable to other hanging devices
- Easy and fast to mount
- Adjustable in the height
- Theft preventing function
- Re-usable

The adaptability with many different hanging devices ,makes T Hang-M6 efficient in the handling of exhibitions. The possibility to mechanically protect the pictures against theft is unique for this kind of system. The strong construction makes it possible to use the same system for years. These are some of the arguments to why the T Hang-M6 is a good investment.

TARGET GROUP

T Hang-M6 is made for uneven walls with large cracks and heavy plaster. The possibility to use up to four screws and choose whatever screws needed makes the decision easy among Heavy Duty Hanging systems. With T Hang-M6 it is possible to over bridge a crack in the wall and still have the hook in the desired position. The T Hang-M6 is also the practical solution to protect paintings, sculptures and ornaments in churches.

DESCRIPTION

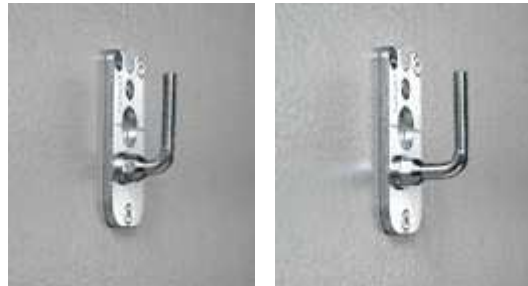
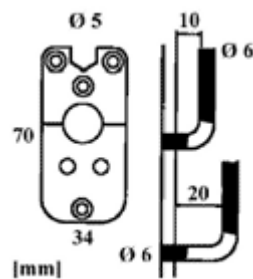
T Hang-M6 has, different from other components in the T Hang series, the possibility to adjust the position of the hook. Additionally it is also possible to use up to four screws to mount the T Hang-M6 on the wall. The base is a plate with round corners. In the lower part of the T Hang-M6 plate there are two M6 holes for mounting the hook. Each delivered set contains two different to choose from. The hooks are mounted to the plate using the two M6 holes and a special lock-nut to lock the hooks in the desired position. No extra tools are necessary, because of the notch in the plate to fulfil this need. The choice

between two different M6 holes is to place the hooks to the left or to the right depending on the position behind the painting. The round opening in the centre is a guide to find the marks for where to place the T Hang-M6 on the wall.

MATERIAL

The T-Hanger is entirely manufactured in strong and durable industrial steel. Electric galvanisation gives strong rust and abrasion protection.

DIMENSIONS



DELIVERY

T-HANG/OZZY

T Hang-M6 is sold in a set of two. Containing: 2 Plates, 4 hooks, with "Ozzy", and. No screws for the Wall mounting are delivered with the set.

The Flexdrive is delivered with fixed magnetic sleeves, although it is possible to order Flexdrive and magnetic sleeve separately.



FLEXDRIVE WITH MAGNETIC SLEEVE

The Flex drive allows you to mount or remove the cupola nut.

The Flex drive which is extendable up to 45 cm is used as an ordinary screw driver.

At the end of the Flex drive there is a purpose made magnetic sleeve which will hold the cupola nut in the correct position.



MOUNTING

GENERAL

The T Hang-M6 is quick and simple to mount. No special tools are needed. The type of screws used for mounting the T Hang-M6 has to comply to wall and weight to be hung.



MOUNTING IN CONCRETE WALL

When mounting in concrete or brick walls, suitable plugs must be used. Follow instructions for pre-drilling and screw dimensions given with plugs.

CAUTION

It is important that the hooks are firm and tight bounded to the plate with the special lock nut.

SUMMARY

T-HAKEN

Art. Nr.	Product	Load tolerance kg/ T-hanger
6121040	M4	20 kg
6121050	M5	40 kg
6121070	M5-Long	40 kg
6121080	M6	50 kg

ACCESSORIES

Art. Nr.	Product
6121045	Flexdrive with magnetic sleeve M-4
6121055	Flexdrive with magnetic sleeve M-5
6121065	Flexdrive with magnetic sleeve M-6
6121060	T-Screw