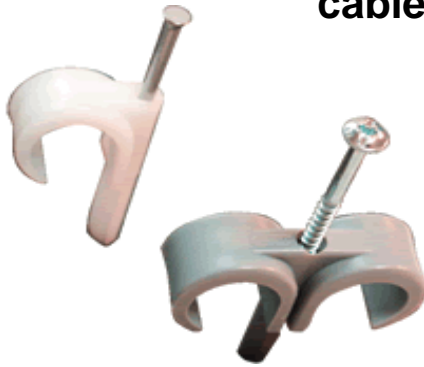




cable clips with plug



Description	EAN code	Article number
MEPAC cable clip nail 8/10mm w	8714017214030	421403
MEPAC cable clip nail 11/15mm w	8714017214047	421404
MEPAC cable clip nail 16/19mm tr	8714017214054	421405
MEPAC cable clip nail 19/22mm tr	8714017214061	421406
MEPAC cable clip nail 19/22mm cr	8714177024968	421426
MEPAC cable clip nail 8/10mm gr	8714017214139	421413
MEPAC cable clip nail 11/15mm gr	8714017214146	421414
MEPAC cable clip nail 16/19mm gr	8714017214153	421415
MEPAC cable clip nail 19/22mm gr	8714017214160	421416
MEPAC cable clip nail double 16/19mm tr	8714017217055	421705
MEPAC cable clip nail double 16/19mm gr	8714017217154	421715
MEPAC cable clip screw 8/10mm w	8714017214535	421453
MEPAC cable clip screw 11/15mm w	8714017214542	421454
MEPAC cable clip screw 16/19mm tr	8714017214559	421455
MEPAC cable clip screw 8/10mm gr	8714017214634	421463
MEPAC cable clip screw 11/15mm gr	8714017214641	421464
MEPAC cable clip screw 16/19mm gr	8714017214658	421465
MEPAC cable clip screw double 16/19 tr	8714017217550	421755
MEPAC cable clip screw double 16/19 gr	8714017217659	421765

Material specifications:

The cable clips with plug are UV-resistant and are therefore suitable for outdoor use. When working with hardened steel products, wearing safety goggles is obligatory. The cable clips with plug carry a KEMA quality mark and also a CE mark. The MEPAC cable clips with plug are halogen-free as a standard.

Clip:

Made of HDPE

Properties	Test methods	Unit	Value
Density at 23°C	ISO 1183 A ASTM D 792	Kg/m ³	957
Melting point at 2.16 Kg load	DIN 53735 ISO 1133 ASTM D 1238	g/10 min	4.8

The cable clips with plug meet the RoHS guideline (EU directive 2002/95/EF).

and the REACH (EC1907/2006) guideline.

The toxic heavy metals lead, cadmium and mercury, and the diaryl pigment are also not released.

No pigment is added to the transparent clip.

The white, grey and creme colour is achieved by adding a pigment.

Nails:

The steel nails are mechanically galvanised 10-12 micron and have a hardness of 52-54 Rockwell.

Size	Dimension nail (mm)
PCN 8/11	25 x 2,0
PCN 11/15	35 x 2,0
PCN 16/19	40 x 2,5
PCN 19/22	40 x 2,5
DPCN 16/19	40 x 2,5

Screws:

The screws are electrolytic galvanised 2-3 micron.

Size	Dimension screw (mm)
PCS 8/11	37 x 3,0
PCS 11/15	37 x 3,0
PCS 16/19	42 x 3,0
DPCS 16/19	42 x 3,0



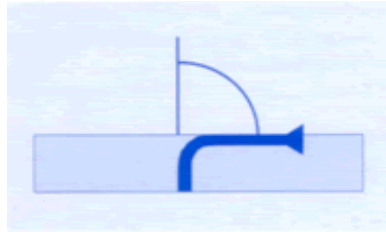
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Technical information steel nails

The steel nails are made of a special hardened steel, whereby a maximum hardness is created of 52 - 54 HRC. Because of this extreme hardness the steel nails have the property that it is difficult to bend them.

In addition, because of the special method of hardening developed by ourselves, the nails have a **bending/breaking** angle of 45° - 90°.

With this the dangerous "spattering" is ruled out.



Bend/break angle of 45° - 90°, depending on the angle to which it is bent.

Also, the steel nails have a completely smooth shaft and a point with 4 cutting edges: so-called diamond point, ideal point for hand-driven nails.

Mechanical galvanising

Mechanical galvanising of steel nails has as its aim the achievement of a better resistance to corrosion, with as a great advantage compared to electrolytic galvanising that the so dangerous hydrogen embrittlement does not occur.

The hardened steel nails are therefore mechanically galvanised with a layer thickness of a minimum of 10 microns zinc and further treated with white chromate (blue passivating), in order to prevent so-called white corrosion on the nails.

General causes of corrosion:

damp and ventilation

potential difference (electric voltage difference of two metals)

damage

time

Hydrogen embrittlement

Hydrogen embrittlement is the occurrence of sudden splitting or breaking of hardened or refined steel under the influence of hydrogen absorption, so that the product is subject to (bending) stress. A characteristic is that the break or split occurs spontaneously, without any prior indications. In the case of breakage considerable forces are released, noticeable by a clear cracking sound.

Hydrogen embrittlement can be prevented by electrolytically galvanised nails, among other things.