

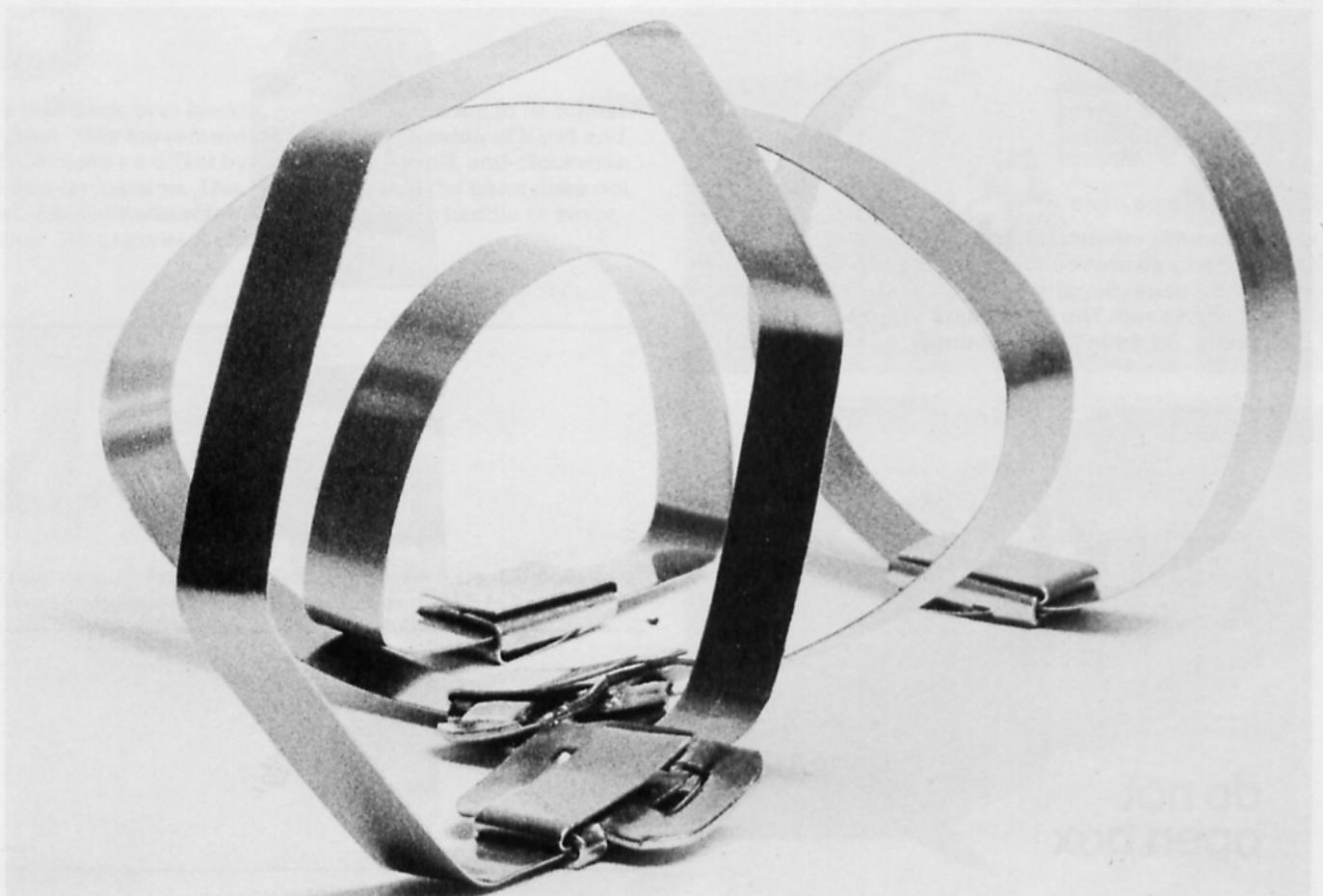
Expamet

Leaflet No BD7a
April 1980

CI/SfB

12

stainless steel fixings for signs



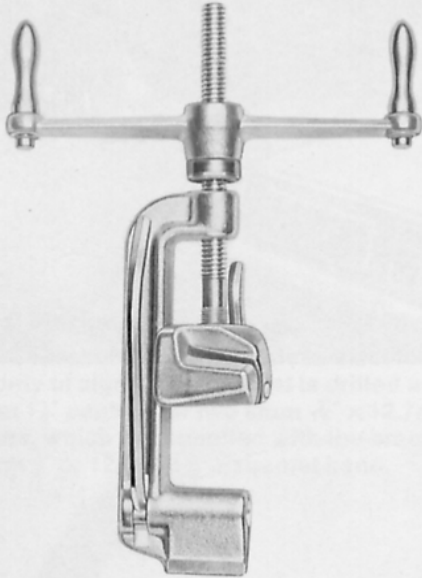
Expamet stainless steel fixings

(formerly known as Tespa)

A tool, a roll of Expamet band, and Expamet buckles. These three elements will put a tight stainless steel pressure band wherever it is required, around any size or shape of pipe, column, hose or other workpiece. The system eliminates the need for clips of different sizes to suit different jobs. The tool manufactures each clamp as required, tightens it to the necessary pressure, and severs the finished clamp from the length of band. The fixing operation can be carried out swiftly and easily by one man. The result is a neat, corrosion-free clamp, which can be temporary, permanent or adjustable. There is no waste, as all unused band can be wound back into the dispenser. The system provides a tight, fast, tailor-made pressure clamp wherever it is needed.

Expamet clamping tool

Of best quality chromium-vanadium drop forged steel (EN47), with turned-thread tension screw. The tool is simple to operate, and one tool will apply all widths of band.



Expamet standard band

Expamet band is manufactured from stainless steel. The edges of the band are rounded for ease of handling and to eliminate damage. Supplied in dispensers each containing 30.48m 100' of band. The four widths available are 9.5mm $\frac{3}{8}$ ", 12.7mm $\frac{1}{2}$ ", 15.8mm $\frac{5}{8}$ " and 19mm $\frac{3}{4}$ ".

Expamet standard buckles

Expamet buckles are manufactured from the same material as the Expamet band and have the same corrosion resistance. They are supplied in four sizes, 9.5mm $\frac{3}{8}$ ", 12.7mm $\frac{1}{2}$ ", 15.8mm $\frac{5}{8}$ " and 19mm $\frac{3}{4}$ " to suit the corresponding band width.



expamet band

Standard
Stainless Steel $\frac{3}{4}$ "
19mm

pipe bundling and
steam tracing
pipe suspension
sign fixing

hose clamping
for making
pressure clamps
of any diameter

use this box as a
dispenser and pull out
band when required

wind back surplus
band after use

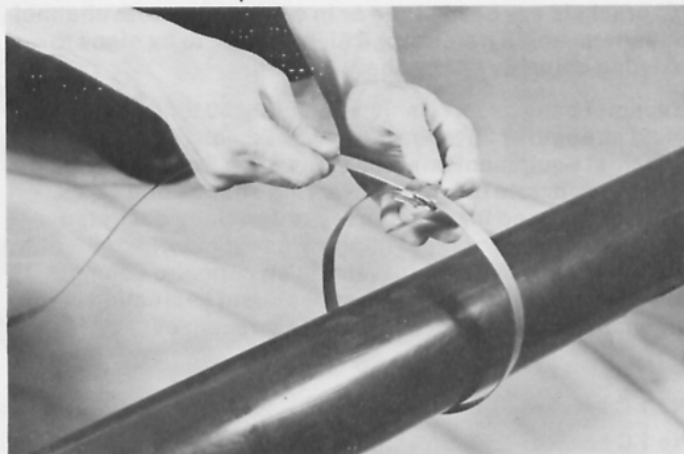
do not open box

How to apply Expamet bands with Expamet buckles

(formerly known as Tespa)

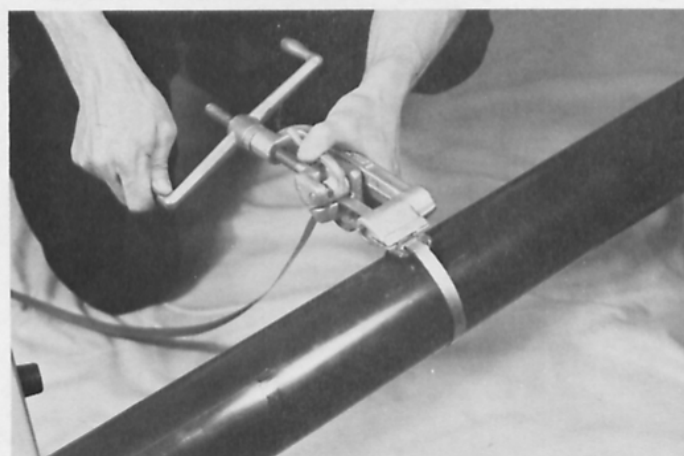
1

Feed band from box through bridge of buckle and then between ears. Pass band around object to be clamped and again through buckle. Anchor end of band by folding back under buckle. Take up slack.



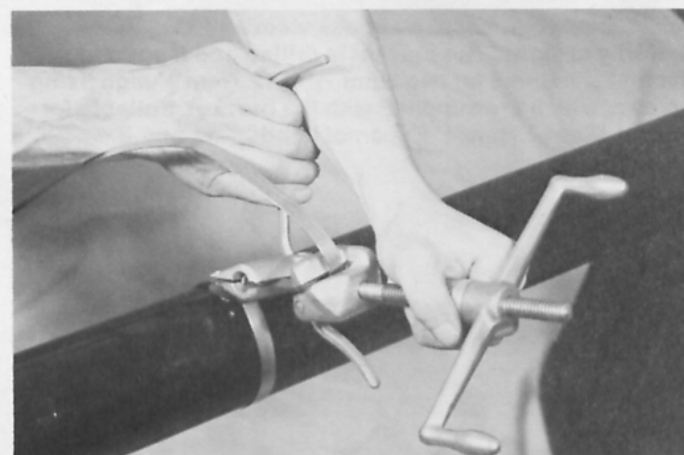
2

Place band in slots of tool, holding cutting lever against tool and clamping lever away from tool to leave slots clear. Keep nose of tool against bridge of buckle. Grip band with clamping lever and apply tension by turning handle. Maximum pressure is being applied when there is no appreciable movement of band between nose and clamping block.



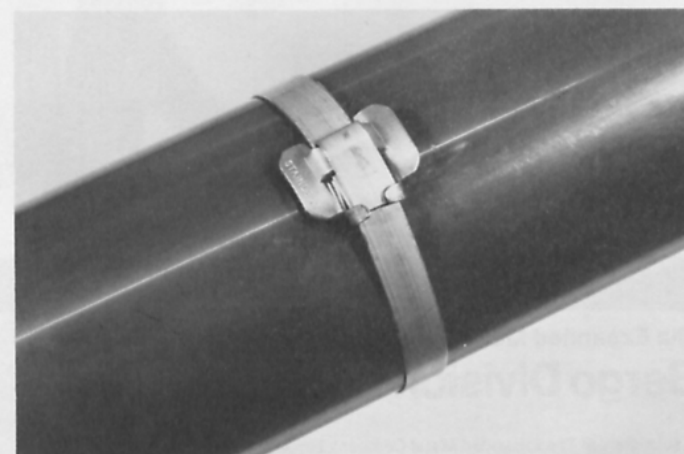
3

To fold back over buckle, move tool in an arc to its fullest extent. This movement will increase tension of band and this should be offset by turning the handle anti-clockwise to reduce tension. This will ensure that the band does not fail due to overloading. Pull cutter blade handle to sever band. This leaves a short stub.



4

Remove tool. Press stub down between ears. Complete clamp by hammering ears down over the stub.



C brackets

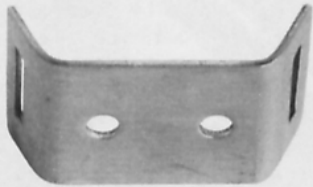
(formerly known as Tespa brackets)

'C' brackets are used alone or in conjunction with channel stiffeners, angle frames, or BSF brackets, to fix signs to existing columns of any shape or size.

Expamet band has a tensile strength of 50 tons per sq in, a yield strength of 26 tons and elongation of 55 per cent. Expamet equipment enables signs to be fixed easily to steel or concrete columns of varying shapes and sizes, without the need for prior survey or specially designed brackets. Non-corroding fittings are particularly advantageous to avoid rust stains on concrete columns and high maintenance costs subsequent to erection of the signs. 'C' brackets are available in three sizes:

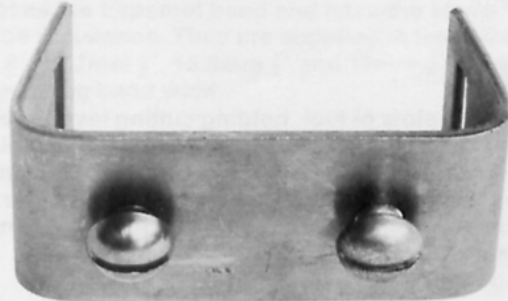
No 1 C bracket

No 1 C bracket 1.20mm stainless steel for fixing small signs such as Dog Notices to which the bracket is riveted by two 5mm $\frac{3}{16}$ " \times 9.5mm $\frac{3}{8}$ " rivets. Suitable for 9.5mm $\frac{3}{8}$ " or 12.7mm $\frac{1}{2}$ " Expamet band.



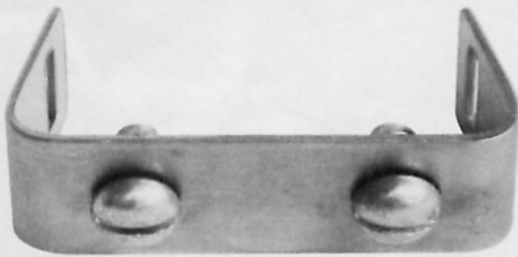
No 3 C bracket

No 3 C bracket 2mm stainless steel used for larger signs, or in conjunction with BSF brackets etc. Drilled and tapped as for No 2 bracket and including sign screws. Suitable for all sizes of Expamet band.



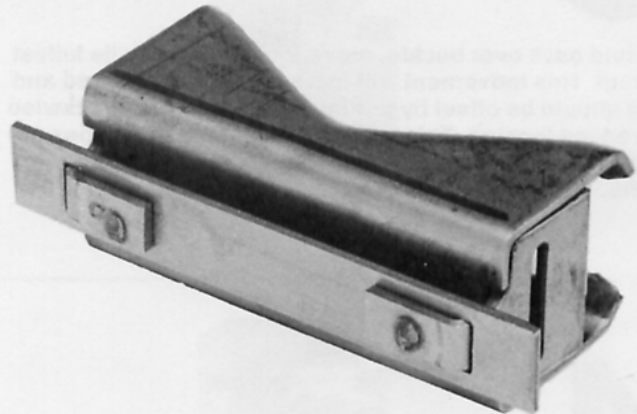
No 2 C bracket

No 2 C bracket 1.50mm stainless steel for fixing the majority of signs. The bracket is drilled and tapped at 38mm $1\frac{1}{2}$ " centres for two 8mm $\frac{5}{16}$ " \times 12.7mm $\frac{1}{2}$ " sign fixing screws, which are supplied with the bracket. Suitable for 9.5mm $\frac{3}{8}$ " or 12.7mm $\frac{1}{2}$ " Expamet band.



Signfix Universal Channel Clamp

Used for fixing signs stiffened with aluminium channel section. The insert plate fits inside the channel. The clamp is made from 1.50mm stainless steel and is suitable for use with 19mm $\frac{3}{4}$ " Expamet band.



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