

VAT TYPE B HINGED FASTENERS

WITH NAIL HOLDER BARS

Technical Data Sheet

VAT Type B hinged fasteners are produced in galvanised iron and AISI 304 stainless steel.

These are suitable for joining machine belts and conveyor belts with slider beds and flat rollers for carrying out all types of internal handling processes.

Thanks to the round section of the nails, as well as the excellent pliability of the copper, these hinged fasteners can guarantee a good resistance to tensile strength. Type B hinged fasteners can easily be applied in the workshop and on construction sites by simply using a hammer and a wire cutter.

They are normally supplied in boxes complete with plastic nail holder bars and connecting pins in the following packet sizes:

- 2 metres of hinged fasteners (2 X 1 m fasteners)
- 10 metres of hinged fasteners (10 X 1 m fasteners)

The nail holder bars are made from brittle plastic and these break away during the application of the nail itself enabling quick assembly.

Main advantages include:

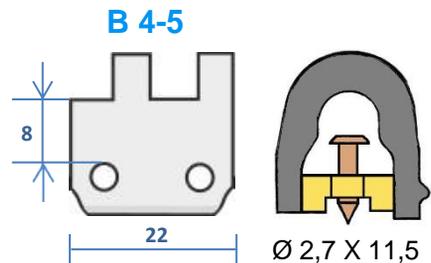
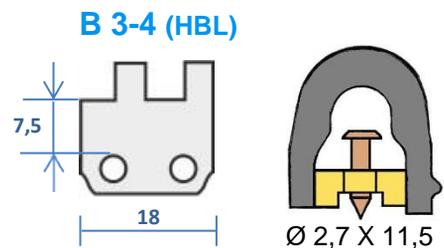
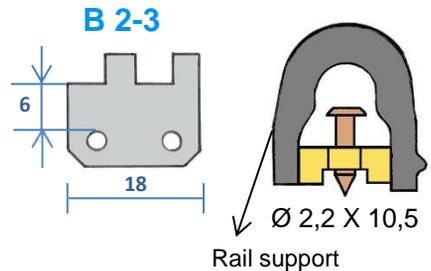
- Good resistance to tensile stress
- It is possible to join conveyor belts having different thicknesses using the same fastener

Recommended equipment:

- Nail Puller Plate AT20 (for B 2-3)
- Nail Puller Plate AT21 (for B 3-4)
- Nail Puller Plate AT22 (for B 4-5)

Fastener

Application Tool and nail sizes (mm)



Technical Data

		B 2-3	B 3-4 (HBL)	B 4-5
Conveyor Belt Thickness (mm)		2.0 - 2.8	2.5 - 4.0	4.0 - 5.0
Minimum Pulley Diameter (mm)		60	70	80
Hinge Pin Diameter (mm)		1.6 - 1.8	2.0	3.0
Admitted Working Load N/mm	2 Plies Belt	To x 1.2	To x 1.3	To x 1.2
	3 Plies Belt	To x 1.3	To x 1.4	To x 1.3

To = Tensile strength for elongation 1%



V.A.T. SRL
Conveyor belt fasteners