PACKING CUTTER PACK-45

Composition

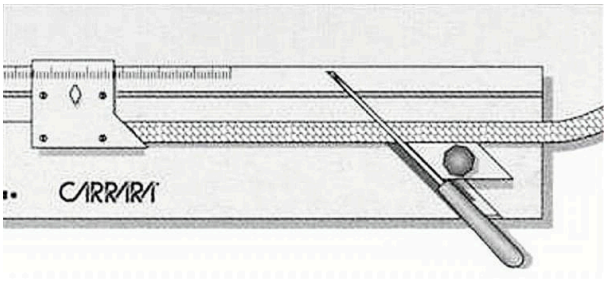
The packing cutter kit consists of an adjustable support and a knife.
The shears and the packing extractors shown in the picture are optional items to be purchased separately.

Characteristics

The Carrara PACK-45 packing cutter is a versatile professional tool designed for the precise cutting of packings used in sealing systems for industrial pumps and valves.

When diagonal cuts are required, a guide must be used to ensure that the angle of each ring is always identical.
The use of the Carrara PACK-45 packing cutter, with a 45° inclination, facilitates the execution of correct joints easily and precisely, without damaging the material and producing burr-free packing edges.
PACK-45 ensures optimal mating between the ends, improving sealing efficiency in the stuffing box.

The correct length of the individual rings and the quality of the cut are determining factors in achieving maximum sealing performance. The ring length L must be calculated using the formula shown below, where "s" represents the packing size (8, 10, ...). The use of appropriate personal protective equipment during packing cutting operations is recommended.



$$L = (Ø+s) \cdot k \cdot \pi$$

Ø shaft diameter	K correction factor
Ø < 50	1,10
50 < Ø < 100	1,07
Ø > 100	1,03

Applications

The use of the PACK-45 packing cutter ensures precision, repeatability and correct installation of the packing, helping to reduce leakage and premature wear of the sealing system.

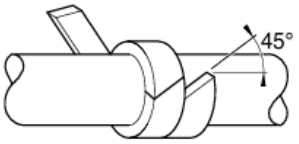


Packing cutter PACK-45

The cutting of the packing is critical for the proper operation and service life of a sealing system and must therefore be carried out with the utmost care.

Many sealing failures are in fact attributable to incorrect preparation and installation procedures.

The cutting of new packing and the removal of worn packing from the stuffing box must be carried out using suitable professional tools, in order to ensure both the dimensional accuracy of the packing and the preservation of the stuffing box surfaces.



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GLOBAL SEALING SOLUTIONS

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