

Advantages:



Flexible assembly and good sealing.



Rapid drying.



Disadvantage:



The mating surface must be prepared, or it will become unstuck in time.



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XSL version : 3.02 du 22/07/11

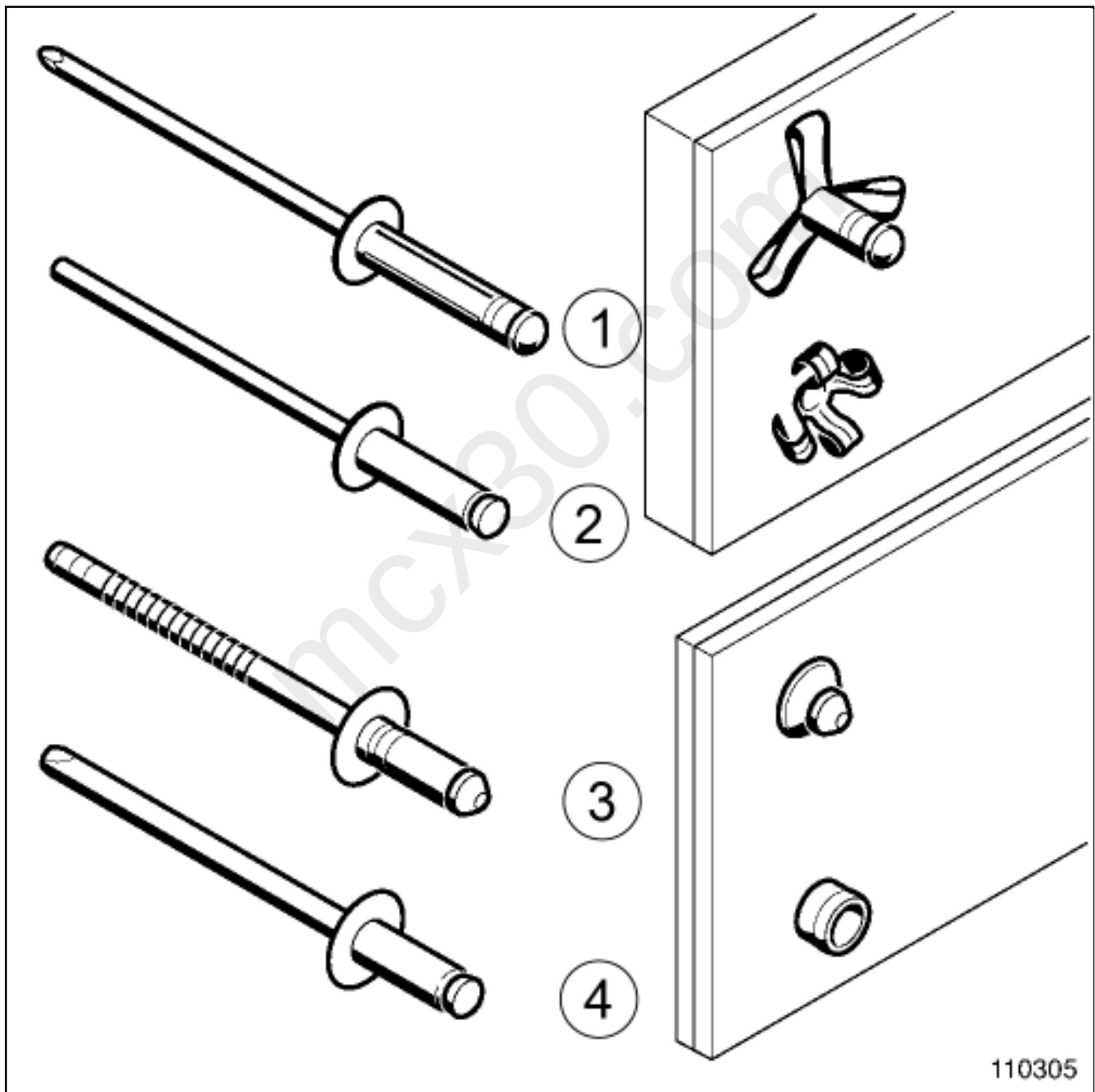
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PRODUCTS AND EQUIPMENT FOR RIVETED ASSEMBLY

1. VARIOUS RIVETS USED FOR REPAIRS

1- CHOICE OF TYPE OF RIVET

The choice of the type of rivet depends on the material and the thickness of components to be assembled, and the mechanical properties desired for the assembly.



(1) This aluminium expansion rivet of $\varnothing 4$ mm is used for fixing fragile components such as plastics or plastic panels; it is fitted with a standard riveting gun.

(2) This flanged rivet of $\varnothing$ 4 mm is used for fixing fragile components such as plastics or plastic sheets; it is fitted with a standard riveting gun.

(3) This watertight rivet of $\varnothing$ 4.8 mm or $\varnothing$ 6.4 mm is used for assembling components, and is equivalent to a weld (only for a panel width of < 1 mm); it is fitted using a pneumatic riveting gun or a "two-handed" riveting gun.

(4) This aluminium rivet/steel rod of $\varnothing$ 4.8 mm or $\varnothing$ 6.4 mm is used for assembling aluminium components, and is fitted with a pneumatic riveting gun or a "2-handed" riveting gun.

2- DRILLING HOLE DIAMETER

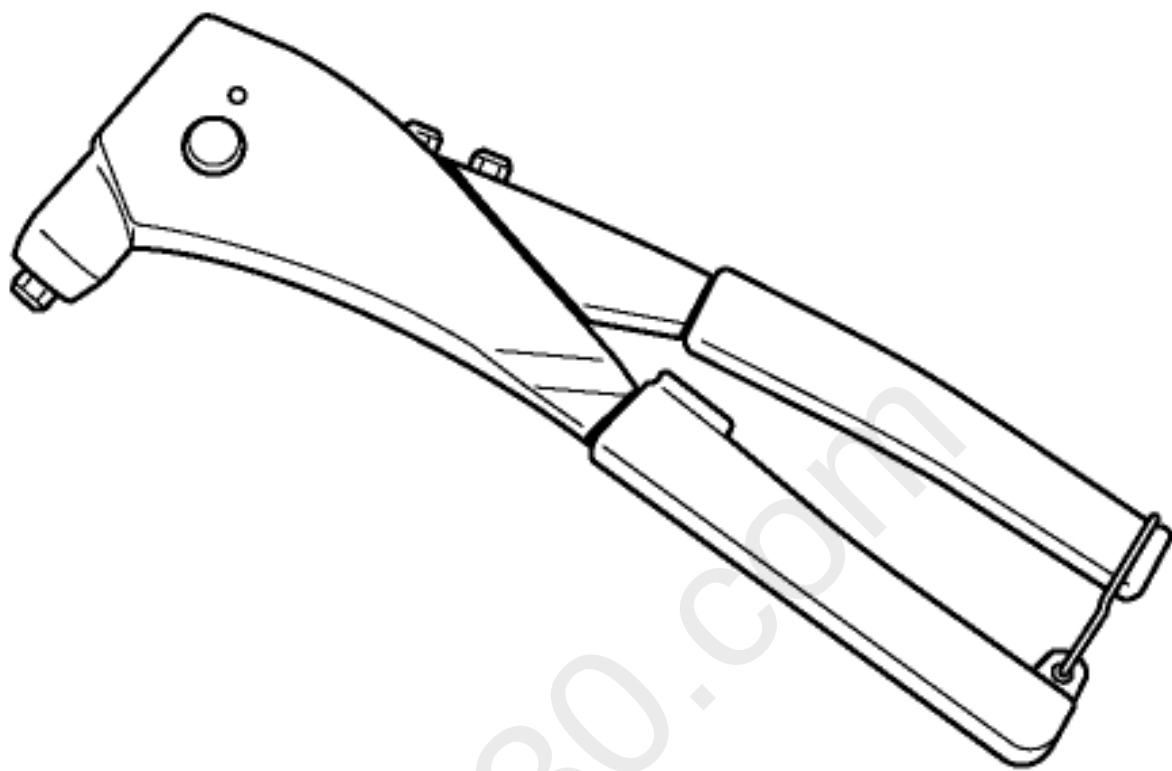
For rivet types (3) and (4) refer to the table below.

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Ø rivet (mm)	Thickness when crimped (mm)	Shaft length (mm)	Ø drilling hole
4 (standard riveting gun)	0.5 - 3.0	6	4.1 to 4.5
	2.0 - 5.0	8	
	4.0 - 6.5	10	
	6.5 - 8.5	12	
4.8 ("2-handed" riveting gun)	0.5 - 2.5	6	4.9 to 5.1
	1.0 - 4.5	8	
	3.0 - 6.0	10	
	4.5 - 8.0	12	
6.4 (pneumatic riveting gun)	0.5 - 6.0	12	6.6 to 7.7
	6.0 - 13.0	20	

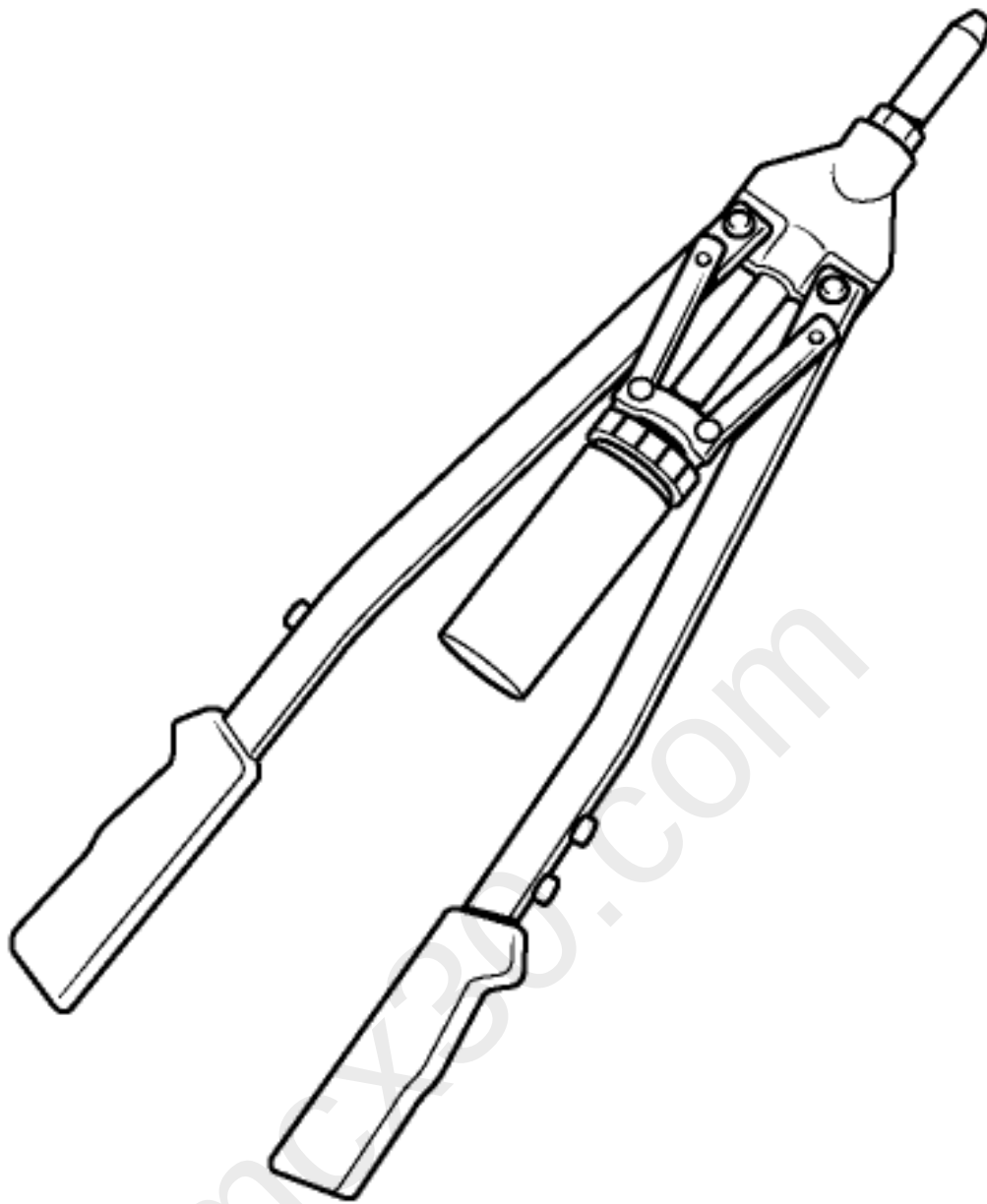
3- TYPE OF RIVETING GUN

STANDARD RIVETING GUN



119799

"2-HANDED" RIVETING GUN



119798

PNEUMATIC RIVETING GUN