

TECHNICAL SPECIFICATION – BOOKCASES 10 SERIES

The purpose of the document is to describe the design features of the Bookcases manufactured by Perfix Inc.



Generalities:

Cold-rolled laminated steel of commercial quality. All surfaces are smooth. Free from any defect, polished to improve the finished product.

Construction:

The external case is made up of a top, a double bottom with support on levellers, two sides outside and interior and of a back. All these parts are welded between them to form a very rigid case. Welded with electricity (mig) and by point (spot welding).

Top:

Steel gauges 20cr whose four sides are folded at 90 degrees. The front consists of a fold at 90 degrees and a fold at 45 degrees.

Bottom:

Two parts of metal gauges 20cr folded up on the front and the back over the width to form a rigid box. The supports of levellers of gauge 16cr are folded and welded between them, installed at the ends for a maximum of rigidity.

Sides:

Steel gauges 20cr made of a simple fold to the back, of a double fold in front at 90 degrees, one simple fold to the base and a fold joined by offset in the part of the top.

Standard dimensions are:

Width : 30" – 36" – 42"
Depth : 18"

Other dimensions available on request.

Reinforcement of the top:

Steel gauges 18cr. The reinforcement is folded so as to reinforce the top and the front of the bookcase.

Back:

Steel gauges 20cr made of a fold at 90 degrees to the base.

Mounting bar:

Steel gauges 18cr welded at the bottom, the reinforcement of top and the sides. The mounting bars take support with bottom and are made of folds to 90 degrees.

Levellers:

Four (4) levellers of 1 ½" adjustable from the inside.

Leveller supports:

Steel gauge 16cr. Omega fold, nut 5/16" of diameter to receive the adjustable levellers.

Finished surface:

Steel is polished until complete disappearance of any imperfection on surface. Steel is cleaned and protected from corrosion using a phosphate treatment. All the bookcases are cleaned before receiving the application of an enamel painting of quality. The bookcase is then cooked at 350 degrees in order to get a resistant surface of exceptional completion.

TABLE:

DESCRIPTION	THICKNESS
Top	20cr
Reinforcement of the top	18cr
Bottom	20cr
External sides	20cr
Interior sides	18cr
Adjustable shelves	20cr
Leveller supports	16cr