

SPECIFICATIONS - MAGAZINE DISPLAY UNIT 89 SERIES

Object and applications

The object of the present specifications is to describe the minimum technical requirements for the Magazine Display Unit.



Technical requirements

Generalities

The construction is all welded without bolts. All burrs are removed to avoid injuries.

Materials

The magazine display unit is made of cold-rolled steel sheets of commercial quality and is all welded. Tolerances showed in table 1 are in accordance with U.S. Manufacturer's Standard Gauge Numbering System (M.S.G.).

Materials used for magazine display unit are described in table 2.

TABLE 1

Thickness and tolerance of the steel sheets		
Gauges	Average thicknesses (inches)	Tolerances (+/- inches)
12	0.105	0.009
13	0.090	0.007
14	0.075	0.006
15	0.067	0.005
16	0.060	0.005
17	0.054	0.005
18	0.048	0.004
19	0.042	0.004
20	0.036	0.004
21	0.033	0.003
22	0.030	0.003
23	0.027	0.003
24	0.024	0.003

TABLE 2

Components	Gauges	Material	References
Top	20 M.S.G.	C.R. Steel	1
Sides	20 M.S.G.	C.R. Steel	2
Back	20 M.S.G.	C.R. Steel	3
Bottom	20 M.S.G.	C.R. Steel	4
Shelves	20 M.S.G.	CR.Steel	5
Lecterns	20 M.S.G.	C.R. Steel	6

Construction

Top (1)

The top is made of one piece, folded on the four (4) sides and is welded inside. The back and the sides of the top are folded at 90 degrees and the front is made of a triple fold at 90 degrees. The two (2) internal corners are mig welded giving a greater rigidity to the magazine display unit.



SPECIFICATIONS - MAGAZINE DISPLAY UNIT 89 SERIES

Sides (2)

The magazine display unit is with double wall. Its sides are made of only one part and are assembled back by a simple joint. The sides are reinforced inside. The edge before sides is made of triple fold at 90 degrees.

Back (3)

The back is made of one piece and welded by points inside the folds of the top, the sides and on the folds of the bottom.

Bottom (4)

The bottom is made of one piece. The front of the bottom is with double fold at 90 degrees downwards and welded with the frame of the piece of furniture. The two (2) front interior corners are mig welded giving a rigidity to the magazine display unit.

Shelves (5)

With their three (3) folds on the before and the back, the shelves can support a minimal weight of 150 pounds (69Kg) without bending.

Lecterns (6)

The magazine display unit can be provided with the choice of two (2) or five (5) lecterns. Each ray is provided with levers to give access to an interior shelf for an arrangement up to 11 inches height. The lecterns have triple fold crushed at the base to ensure a good layout of the exposed documents.

Surface Finish

Steel sheets and strips are sufficiently clean and flat to avoid any detrimental effect to the appearance and construction of the magazine display unit. The steel is corrosion treated by means of phosphate processing. The surface is suitably prepared for application of the paint coating.

Painting (Baked Enamel)

Average thickness five (5) readings per surface of paint dry coating is at least 1 mil. Dry on all apparent surfaces. Painting is cooked at 350 degrees and its gloss is at 40-45%.

Disposition Towards Quality Control

Perfix Inc. operates under ISO manufacturing standards to ensure constant and superior quality to all its customers. All products manufactured by Perfix Inc. have a five (5) year full warranty from invoice date against all fabrication defects.

