

TABLE 4—DIMENSIONS OF CLAMPS (FIGS. 1 & 2)

Dimension	Type F	Type I	Type M
1		0.64	0.42
A HSG Length (Ref.)	0.76	0.019/0.030	0.019/0.026
B Thickness	0.021/0.031	0.53	0.60
C HSG Width (Ref.)	0.81	0.395/0.442	0.305/0.325
D Band Width	0.495/0.569	0.50	0.44
E Max@ Open Dia.	0.75	0.40	0.38
F Height (Ref.)	0.56		a
G Collar Diameter	0.370/0.425	0.295/0.375	0.244/0.250
H Across Flats	0.305/0.312	0.270	0.270
I Across Corners (Min.)	0.340	0.270	0.80
J Lg. of Screw (Max.)	1.35	1.13	0.150/0.185
K Hex Height	0.140/0.250	0.140/0.175	0.052/0.105
L Slot Depth	0.077/0.120	0.074/0.105	0.052/0.105
M Slot Width	0.056/0.076	0.042/0.060	0.042/0.060

* Type M Clamps do not have collars as standard. See Style 6 in Fig. 2.

clamp nor evidence of deformation of the threads on screw and/or slots in band.

3.5.2 TYPE F—Minimum test torque for both carbon steel and stainless steel screws shall be 50 lb-in. For assembly installation considerations see Section 4.

3.5.3 TYPE I—Minimum test torque for both carbon steel and stainless steel screws shall be 45 lb-in. For assembly considerations see Section 4.

3.5.4 TYPE M—Minimum test torque for both carbon steel and stainless steel screws shall be 20 lb-in. For assembly installation considerations see Section 4.

3.6 Stress Cracking Test

3.6.1 GENERAL—When specified by purchaser stainless steel clamps shall be subjected to a sodium chloride immersion stress cracking test.

4. Assembly Consideration and Recommendations for Hose Clamps

4.1 General—The following information is intended to provide the users of hose clamps guidance which will promote proper installation and optimum performance of the various types.

4.2 Installation Torques—The suggested installation torques for a particular application must be established by the user, giving due consideration to the physical configurations, properties of the materials involved and assembly tools (see paragraph 4.3) to be used. However, adequate sealing capability should be reached at or less than the torque values listed below for the respective types.

4.2.1 TYPE F—30 lb-in for all sizes and material types shown in this standard.

4.2.2 TYPE I—20 lb-in for all sizes and material types shown in this standard.

4.2.3 TYPE M—10 lb-in for all sizes and material types shown in this standard.

4.3 Assembly Tools—It is advised that when using power tools to install worm gear type band hose clamps that the tool be of a stall torque type. Use of clutch type or impact type assembly tools is not recommended.

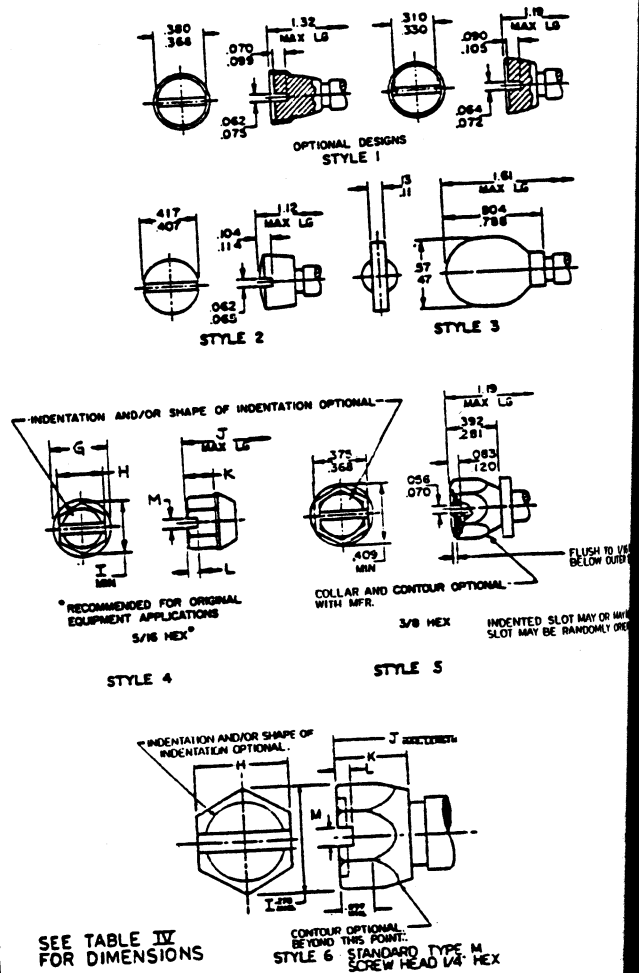


FIG. 2