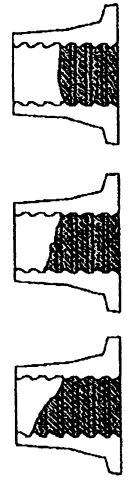
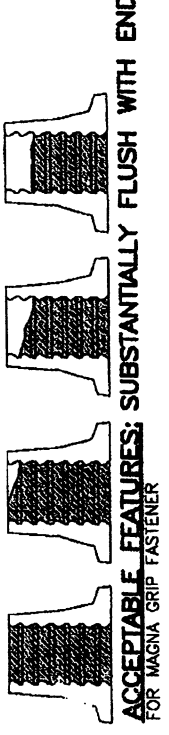
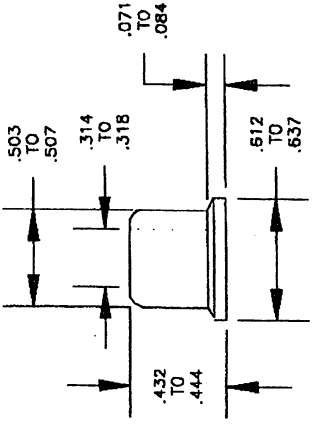


MAGNA GRIP FASTENER
AS MANUFACTURED BY HUCK

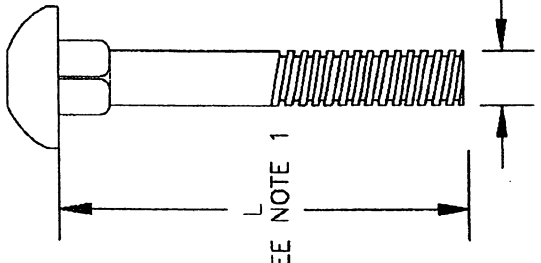
PART NUMBER IDENTIFICATION: MGPB-E 5/16" - 22 G

MAGNA GRIP COLLAR
AS MANUFACTURED BY HUCK

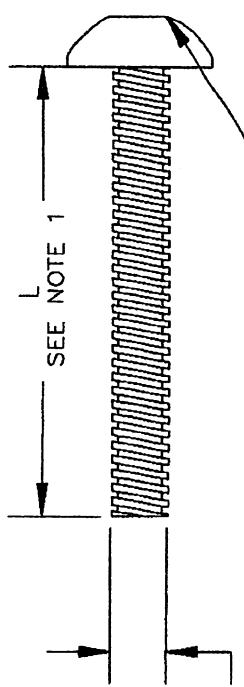
PART NUMBER IDENTIFICATION: MGC-F 5/16" G



UNACCEPTABLE FEATURES
FOR MAGNA GRIP FASTENER

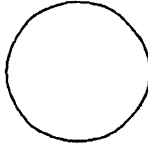


5/16" TAMPER-NUT

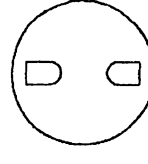


5/16" D - 18 UNC

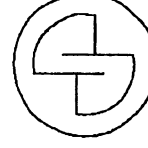
CARRIAGE, TRUSS HEAD,
ONE WAY TRUSS HEAD OR
ALUMINUM ONE ROUND HEAD BOLT.



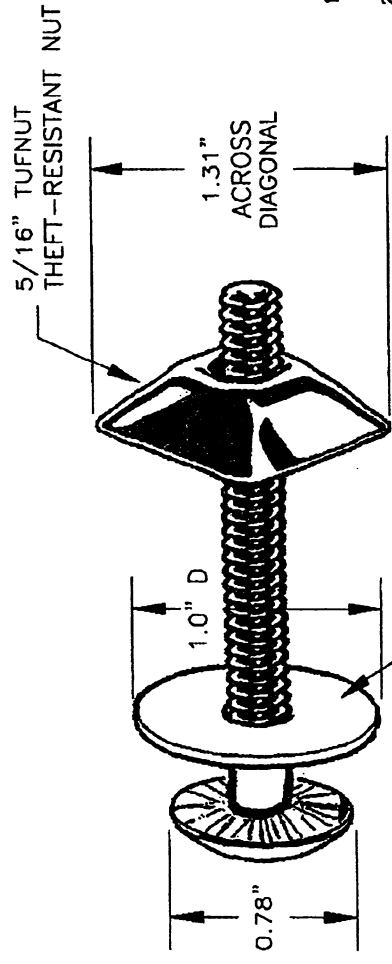
CARRIAGE BOLT



TRUSS HEAD BOLT

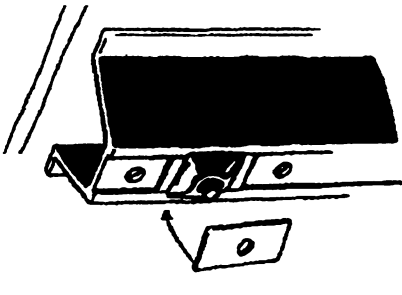


**ONE WAY TRUSS HEAD BOLT
OR ALUMINUM ONE WAY ROUND HEAD**

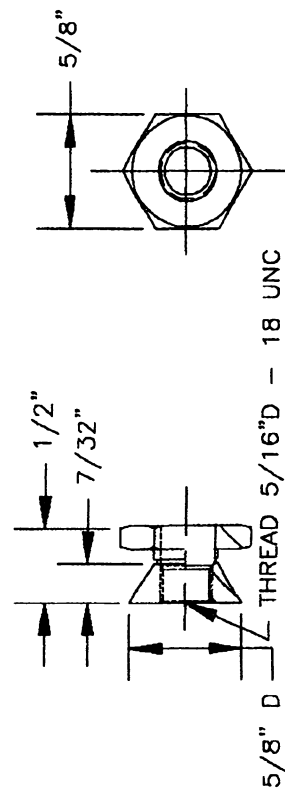


0.328" ID X 1.0" OD
NYLON WASHER

TUFBOLT SYSTEM - TRS 25
AS MANUFACTURED BY THE TUFBOLT WORKS
A DIVISION OF SANTA FE SYSTEMS, INC.



**TUFBOLT MARION
POST WASHERS**



5/8" D
THREAD 5/16" D - 18 UNC

ALUMINUM STD. THREAD VANDLGARD-NUT
VCN 138-5

AS MANUFACTURED BY SIMI FASTENING

**ALUMINUM VANDAL RESISTANT
GENERAL NOTES**

1. THE CONTRACTOR SHALL ADJUST THE LENGTH OF BOLT ACCORDING TO THE POST TYPE. THE BOLT SHALL PENETRATE THE ENTIRE THICKNESS OF THE NUT.
2. THE CONTRACTOR SHALL USE A NYLON, NEOPRENE OR FIBER WASHER BETWEEN REFLECTIVE SHEATHING SIGN FACE AND THE BOLT HEAD.
3. CONTRACTORS, SUBCONTRACTORS OR SUPPLIERS WHO WISH TO INCLUDE THEIR PRODUCTS INTO THE APPROVED LISTING OF FASTENERS FOR SIGN PLATES MUST SUBMIT THE FOLLOWING INFORMATION FOR CONSIDERATION BY THE AUTHORITY: FULL DESCRIPTION AND DRAWINGS OF THE FASTENERS AND COMPLETE MATERIAL DESCRIPTION, GALVANIZING AND OTHER PERTINENT INFORMATION.
4. FASTENER DETAILS ARE FOR ILLUSTRATIVE PURPOSE ONLY.

EFFECTIVE DATE: JANUARY 2000

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY AND TRANSPORTATION AUTHORITY		RECOMMENDED BY: <i>[Signature]</i>
SMALL TRAFFIC SIGNS FASTENERS FOR ATTACHING SIGN PLATES TO TOP POST		DEPUTY EXEC. DIR. FOR TRAFFIC AND TOLL ROADS DATE: 11-11-99
		APPROVED BY: <i>[Signature]</i> EXECUTIVE DIRECTOR . 55 DATE: 12-7-99
		APPROVED BY: <i>[Signature]</i> DIV. ADM. PHVA-PR DIVISION DATE: 12-7-99
DATE	REVISION	BY
07-1999	GENERAL REVISION	LV
10-1999	ADD ALTERNATE FASTENER	LV
STD.	DWG.	STS
		5 OF 25