

## FEATURES AND BENEFITS

- Fastener lengths over 1-1/4" are designed to penetrate steel thickness up to .500".
- Thread to point ratio engineered to provide maximum pull out strength in heavy gauge steel.
- EPDM rubber is vulcanized to steel washer. Moisture has no place to penetrate. The washer provides a secure seal even when driven at an angle.
- Applications include metal deck to structural steel or bar joists, & retrofit clips to structural steel.
- Fastener is also available without a bonded sealing washer.

**FOR PROPER INSTALLATION, THE USE OF IMPACT DRIVERS ARE NOT RECOMMENDED FOR POWDER COATED OR ANY WET PAINTED FASTENER.**

**PULLOUT & PULLOVER VALUES ARE DETERMINED IN THE ST FASTENING SYSTEMS ENGINEERING LABORATORY USING STEEL PANELS/FRAMING & WOOD DENSITIES WHOSE STRUCTURAL PROPERTIES ARE FOUND IN PRESENT DAY PRODUCTS.**

SIZE	CARTON QTY.	WEIGHT/M
12-24 x 1-1/4"	2500	12.6
12-24 x 1-1/2"	2000	16.2
12-24 x 2"	1500	22.1

LENGTHS LONGER THAN 2 INCHES ARE AVAILABLE BUT NON-STANDARD. CALL FOR PRICE AND AVAILABILITY.

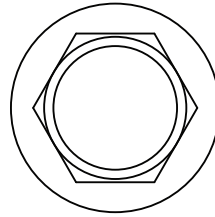
PULL OUT STRENGTH LBS. ULT.			
SUBSTRATE	GAUGE	THICKNESS	VALUE
HRS PRIMED ONLY	14	.075	924
HRS PRIMED ONLY	12	.105	1627
HRS PLATE	3/16"	.187	2556
HRS PLATE	1/4"	.250	3298

PULL OVER STRENGTH LBS. ULT.			
SUBSTRATE	GAUGE	THICKNESS	VALUE
AZ55 Galvalume BONDED WASHER (14mm O.D.)	26	.018	801
AZ55 Galvalume BONDED WASHER (14mm O.D.)	24	.024	996
AZ55 Galvalume BONDED WASHER (14mm O.D.)	22	.030	1258
AZ55 Galvalume (.398/.432 HWH DIA.)	26	.018	775
AZ55 Galvalume (.398/.432 HWH DIA.)	24	.024	956
AZ55 Galvalume (.398/.432 HWH DIA.)	22	.030	1078

**NOTES:**

1. HRS (Hot Rolled Steel)
2. All strength values shown are ultimate values, expressed in LBS. Apply an appropriate safety factor to obtain design limits.

## HG™ SteelBinder®



**HEAD STYLE**  
HWH

**DRILL POINT**  
.199/.195

**MAJOR DIAMETER**  
.215/.209

**MINOR DIAMETER**  
.164 REF.

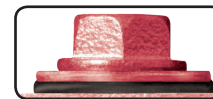
**WASHER FACE DIAMETER**  
.432/.398

**HEAD ACROSS FLATS**  
NOM .312"

**NOM. TENSILE STRENGTH**  
2803 LBS.

**MIN. TORSIONAL STRENGTH**  
100 IN-LBS.

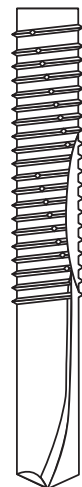
**NOM. SHEAR STRENGTH**  
1999 LBS.



HWH with EPDM bonded washer provides a secure seal to prevent leaks.

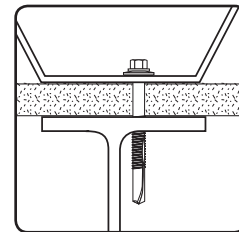


Sharp drill point & long flute length assures proper clearance of heavy gauge metal before any thread engagement begins.



**LONG SELF  
DRILL POINT**

## APPLICATIONS



**TBPE**  
Board Certified  
Engineering on Staff

**ARCHITECTURAL  
SERIES**

**ST**  
**Fastening  
Systems**  
A Division of The Hillman Group