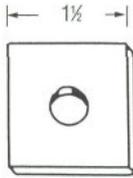




H-118 Lock Washer

Cat. No.	Sizes (in.)	Wt. lbs./C
H-118-A	1/4	.259
H-118-B	5/16	.550
H-118-C	3/8	.630
H-118-D	1/2	1.436
H-118-E	5/8	2.587
H-118-F	3/4	4.293

Standard finish: Galv-Kröm unless otherwise specified.



H-119 Square Washer

Cat. No.	Dimensions (in.)		Wt. lbs./C
	Size	Thickness	
H-119-A	1/4	1/8	8.10
H-119-B	5/16	1/8	8.00
H-119-C	3/8	3/16	11.50
H-119-D	1/2	1/4	14.36
H-119-E	5/8	1/4	13.50
H-119-F	3/4	1/4	12.50
H-119-G	7/8	1/4	13.00

Standard finish: Galv-Kröm unless otherwise specified.

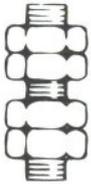


For rigid attachment of rod to channel. For use with either 3/8" or 1/2" hanger rod.

H-120 Saddle Type Washer

Cat. No.	Wt. lbs./C
H-120	7

Standard finish: Galv-Kröm unless otherwise specified.



A 5/8"-18 x 2" galvanized steel nipple in assembly with four jam nuts. This feed attachment provides spacing between lighting fixtures and raceway channels.

H-133-N Nipple Assembly

Cat. No.	Wt. lbs./C
H-133-N	27

Approved for G.S.A. installations.



Used for attaching fixture to channel with a uniform 1" clearance between fixture and supporting channel. Assembly includes a 1" spacer, a 5/8"-18 x 1 1/2" bolt and jam nut, all galvanized.

H-134-S Spacer Assembly

Cat. No.	Wt. lbs./C
H-134-S	21

Approved for G.S.A. installations.

Finishes

1. Green Coated. (Suffix GR)

Green urethane powder resins are applied electrostatically to the steel after fabrication. Once the material is completely covered with the powdered-form urethane, it proceeds through a 400° baking process for ten minutes, creating a chemical bond. This results in a minimum of 1.5 mil thickness of urethane coating providing excellent resistance to chipping or peeling.

2. Pregalvanized Steel. (Suffix PG)

In addition to the standard Galv-Kröm® finish, all Kindorf® channels are available in pregalvanized steel. This material is identical to the standard steel except for its ASTM G-90 zinc coating. This coating is applied at the steel mill prior to the channel fabrication.

3. Electrogalvanized (Suffix EG)

Often referred to as "zinc plated" or "electroplated zinc," the steel and .5 mils of zinc are bonded by an electrolysis process. This is the identical process used in the Kindorf Galv-Kröm finish without the numerous benefits of the gold colored dichromate conversion coat (see Galv-Kröm finish for more information). Electrogalvanizing is most commonly applied to small fittings, hardware and threaded products.

4. Hot-Dipped Galvanized (Suffix HD)

The material is zinc coated after fabrication providing total product protection on all surfaces. The fabricated channel or fitting is suspended and then dipped into tanks of hot zinc for a prolonged period, creating a coherent bond. The result is superior corrosion resistance as compared to pregalvanized material. Hot-dipped galvanizing is not recommended for threaded

products, considering the zinc coating thickness will often disrupt the threads.

Kindorf hot-dipped galvanized is in conformance with ASTM Specifications A-123 (formerly A-386) and A-153.

Kindorf channels maintain a minimum 1.5 ounces of zinc per square foot of steel or 2.5 mils (ASTM A-123, Thickness Grade 65). This finish is also referred to as "Hot-dipped galvanized after fabrication."

5. PVC Coated (Prefix P)

A polyvinyl chloride (PVC) plastic coating is fused to the channel, fitting or accessory after fabrication by immersing the part in fluidized PVC tanks. The fused-melt mixed powder PVC coating thickness is 15 mils (.015") plus or minus five mils. PVC material is a thermoplastic and will soften in high temperatures. An inherent weakness with PVC coatings occurs when field alterations are applied, such as cutting or drilling. These acts disrupt the sealed PVC product and warrant field touch-up. Kindorf cannot be held responsible for field-altered PVC coated products.

Materials

1. Standard Steel.

The standard Kindorf® Channel is made from high quality carbon steel sheet. These sections are cold formed into a unique and modular profile by an efficient roll forming process. Additionally, the process "cold works" the steel is to give it greater mechanical properties.

2. Extruded Aluminum. (Suffix AL)

For more corrosive environments, Kindorf® also offers extruded aluminum channel sections. These section are nearly identical to their steel counterparts. Aluminum channel is made from

6063 Aluminum and heat treated to a T-6 specification.

3. Nonmetallic. (Suffix N)

Kindorf® channels are also available in fiberglass reinforce polyester and vinyl ester. These products are pultruded into shapes similar to steel channels. They offer a high degree of corrosion protection and are very lightweight.

4. Stainless Steel. (Suffix SS)

For the most corrosive environments, Kindorf® offers Type 304 Stainless Steel channel sections and accessories. Type 316 stainless available upon request. Contact your local sales rep. These products are identical to their carbon steel counterparts except for a much greater corrosion resistance.

Warning

Load tables, charts, and design criteria provided in this catalog are intended as guides only. Selection of proper product, installation intervals, erection, and placement are the responsibility of the user.

Pipe hanger products when improperly used as tools of erection have occasionally failed. The user is cautioned to use the product only as it was intended, to avoid an accident.

We reserve the right to change material and finish specifications without notice, to improve our products.