



Steel Sash Stiffeners

Hygrade is an industry leading supplier of roll formed galvanized steel stiffeners for vinyl windows and doors. Hygrade currently produces over 1800 different profiles, both standard and custom, in rust-resistant galvanized steel in thicknesses from .022" (24 gauge) to .135" (10 gauge).

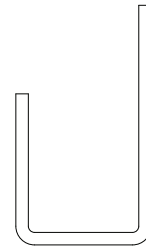
Hygrade will customize profiles to meet your reinforcing needs using in-house design and tool making capabilities and can provide value-added secondary operations such as cutting to length, punching, notching, and drilling to facilitate window fabrication. Hygrade's corrosion resistant galvanized stiffeners will not only improve window strength and performance, but can provide a substantial dollar savings over extruded aluminum stiffeners with customers reporting cost savings of up to 50%.

Call us about your sash stiffener needs today – 800-645-9475.

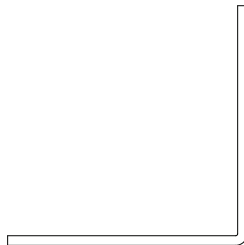
Examples of Standard Stiffener Shapes:



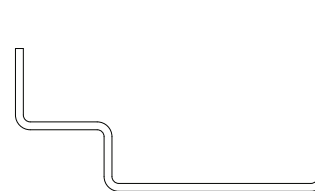
U-Channel



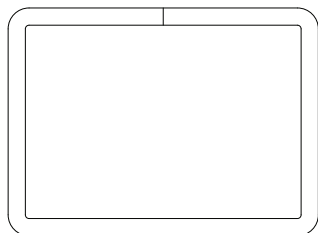
J-Channel



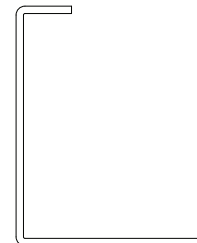
L-Channel



Step Channel



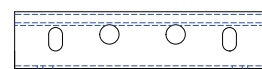
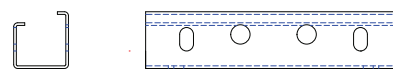
Box



Open Box



Mulling Bars



Punched Lock Stiles

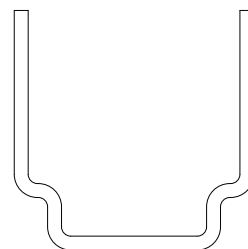
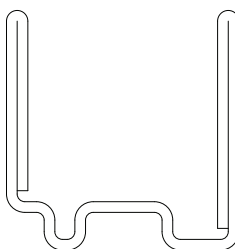
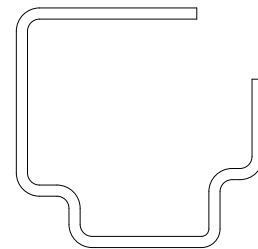
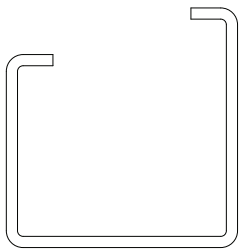
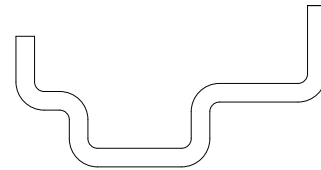
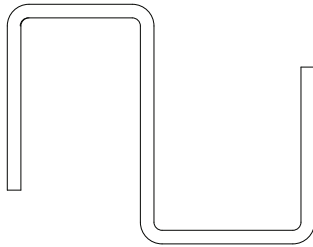
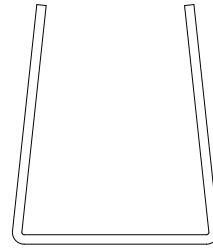
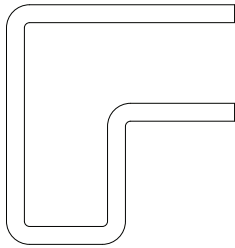


Custom Stiffener Shapes

Hygrade can modify standard stiffener shapes for many applications, often with no tooling charge required. Where a custom shape is needed, Hygrade has in-house design and tool making capabilities to meet precise requirements.

Call us about your custom sash stiffener needs today – 800-645-9475.

Examples of Custom Stiffener Shapes:





HYGRADE STIFFENER STEEL SPECIFICATIONS

Type of Steel:	Carbon/mild steel - cold rolled
Alloy:	1005 to 1010
Commercial Specification:	CS type A and CS Type B
Yield Strength:	30,000 to 55,000 psi
Rockwell Hardness:	B65 maximum
Type of Galvanizing:	Hot dipped or galvanized
Galvanic Coating:	Typically G40/A40 (Guaranteed G90 available)
Rolling Capabilities:	.024" to .135" depending on profile

High strength steel, steel with specified Rb hardness, and specific galvanic coatings are available.

Call us today at 800-654-9475 to discuss your sash stiffener needs.