DualVee track is designed with an integrated locating shoulder and mounting surface. These surfaces are to be utilized when mounting DualVee track to support structures because they are manufactured as datum reference features. See Figure 1.

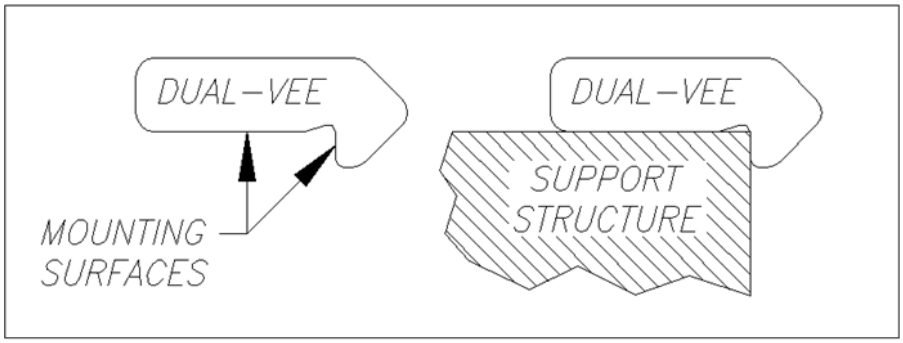

Figure 1

Special attention should be given to the track mounting interface as variations in flatness, parallelism, and/or perpendicularity may result in undesirable wheel running characteristics. To achieve the best results, a machined register on the support structure in the track mounting locations is recommended. See Figure 2.

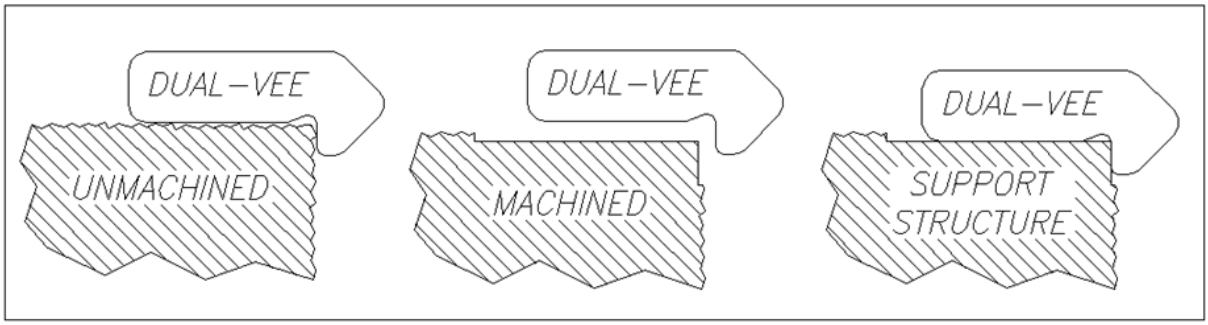

Figure 2

Machining for the track mounting fasteners can also be completed during support member machining. Through hole locations have been standardized on all sizes of DualVee track with dimensions originating from the locating shoulder. The catalog dimension “MHL” can be referenced for support structure design. See Figure 3.

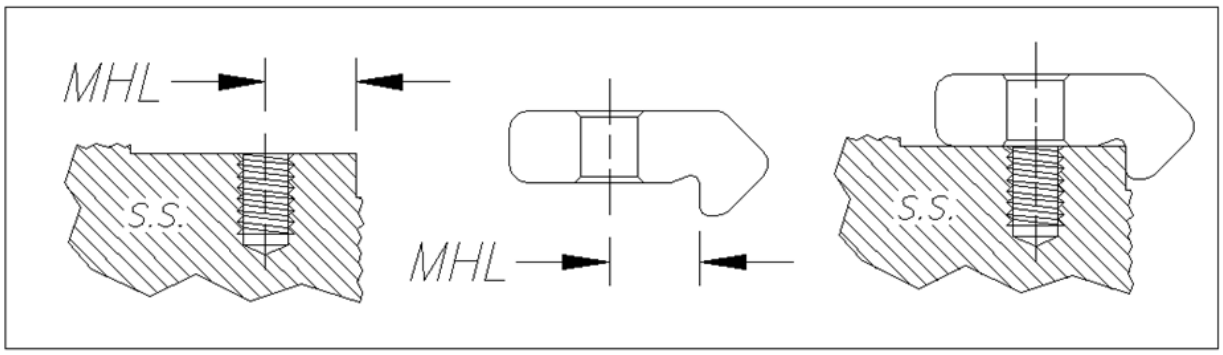

Figure 3

- - Continued from Previous Page

Custom fasteners and hole locations other than catalog specified “MHL” can be accommodated for a variety of fastening methods. Common DualVee track hole and fastener combinations include clearance holes for screws, through holes with countersinks, and through threads. See Figure 4.

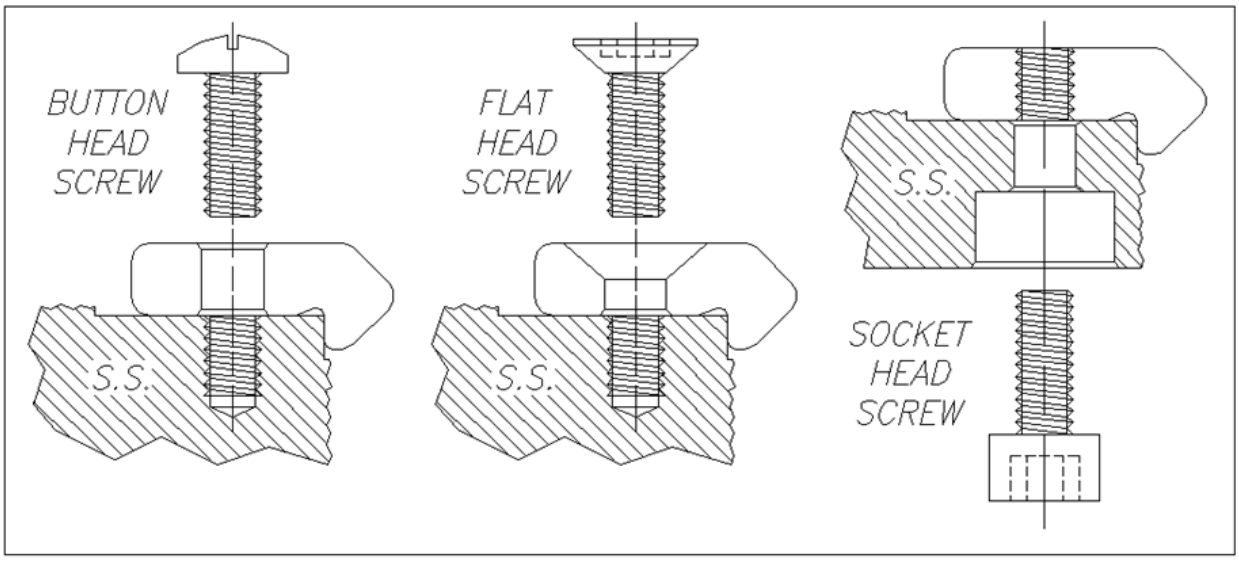

Figure 4