



"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"

CASING SPACERS (Stainless Steel) - STYLE – CCS

Casing spacer shall be a two-piece shell per carrier pipe and made from T304 stainless steel of a minimum 14 gauge thickness, with 8 inch wide bands (CCS08) or 12 inch wide bands (CCS12), depending on application specifics. Each shell section shall be lined with a 0.090" thick, ribbed PVC extrusion with a retaining section that overlaps the edges of the shell and prevents slippage. Liner shall have a hardness of 85-90 durometer. Bearing surfaces (runners) shall be ultra-high molecular weight polyethylene (UHMW) to provide abrasion resistance and a low coefficient of friction (0.12) with a variety of heights to meet desired position and a width of one and one half inches. The runners shall be mechanically bolted to the spacer. Risers shall be MIG welded to the shell, where applicable, and shall be made of T304 stainless steel of a maximum 10 gauge with bolt heads welded to the inside of the risers for strength and retention. Bottom risers 6" and over in height shall be reinforced. All reinforcing plates shall be 10 gauge T304 stainless steel and shall be MIG welded to mating parts. Unless otherwise requested, Casing Spacers shall be configured in the Centered & Restrained position (industry standard). Spacers shall be sized such that the height of the risers and runners are to center the carrier pipe in the casing pipe with a top clearance of three-fourths inch minimum with slightly more space allowed in larger applications. Top clearance shall be designed to allow for safe insertion into the Casing while providing restraint against excessive flotation should infiltration of ground water occur. **All weldments shall be fully chemically passivated in accordance with ASTM A380.** Due to the numerous application possibilities, please consult factory for spacing requirements as well as other positioning options. Casing spacers shall be Model **CCS** as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL.

CASCADE WATERWORKS MANUFACTURING COMPANY

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