MOUNTING KITS (must be ordered separately)

To allow our customers to have a choice, **MAIN** Manufacturing offers eight standard choices of mounting kits. The mounting kits shown in the catalog generally include: 4 socket head screws, 4 hi-collar lock washers, and 1 Buna-N O-Ring. Simply changing the third digit from the right to either 6, 7, or 8 will indicate a different kit.

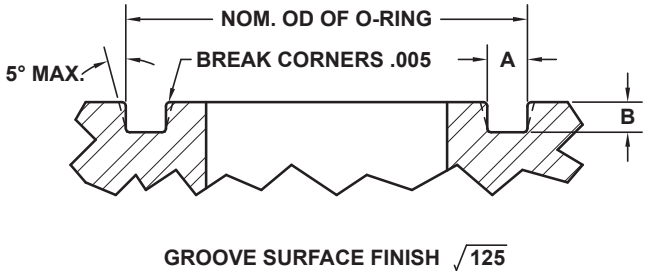
MK **5****, MK 1**5****, MK 2**5****, MK 3**5**** series: Socket head screws, lock washers, & Buna-N O-Ring
MK **6****, MK 1**6****, MK 2**6****, MK 3**6**** series: Socket head screws, lock washers, & Viton O-Ring
MK **7****, MK 1**7****, MK 2**7****, MK 3**7**** series: Hex head screws, lock washers, & Buna-N O-Ring
MK **8****, MK 1**8****, MK 2**8****, MK 3**8**** series: Hex head screws, lock washers, & Viton O-Ring

To specify stainless screws, add an SS at the end of the kit number (MK 533**SS**). **Please note that using stainless steel screws may reduce the pressure rating of the assembly.**

MAIN STANDARD O-RING GROOVE

The O-Ring groove dimensions vary between standards and suggestions from O-Ring manufacturers. As a consequence, **MAIN** has developed the groove below:

O-Ring	A	B
100 series	.124/.137	.078/.080
200 series	.155/.187	.105/.115
300 series	.248/.270	.155/.170
G	.161/.171	.093/.096



The O-Ring numbers in the catalog tables are Uniform O-Ring Dash Numbers. They are consistent between most manufacturers, commercial, and military standards. That number, the "durometer", and the material type (Buna-N, Viton, Nitrile, Silicone, etc.), are all that is necessary to order the O-Ring. The "durometer", or hardness, used in hydraulic flanges is specified as 90 although 70 is sometimes used. The material is determined by the fluid and temperature being used and is best determined by the fluid supplier.

WELDING INFORMATION

The following general information may need to be changed for specific applications. Consult with a welding specialist for specific applications.

When using ASTM A53 or A106 Grade B seamless pipe:

T = Nominal Wall Thickness of the pipe

C min = 1.25 T but not less than .16" (4mm)

Use low hydrogen electrode AWS E7018 series