

Design Table for Kinematic Slot KS-XXX

| Part Number | Height | Body Dia. | Ball Dia. | Ball Center | Slot Depth | Slot Width |
|-------------|--------|----------------------|-----------|-------------|------------|------------|
| KS-1032 | 0.188 | 0.2505 +.0000 -.0003 | 0.125 | 0.016 | 0.08 | 0.02 |
| KS-1420 | 0.250 | 0.3755 +.0000 -.0003 | 0.188 | 0.031 | 0.13 | 0.02 |
| KS-3824 | 0.250 | 0.5005 +.0000 -.0003 | 0.250 | 0.047 | 0.16 | 0.02 |
| KS-1220 | 0.438 | 0.6255 +.0000 -.0003 | 0.375 | 0.062 | 0.22 | 0.20 |
| KS-8 | 0.438 | 0.6255 +.0000 -.0003 | 0.500 | 0.100 | 0.27 | 0.40 |
| KS-10 | 0.500 | 0.750 ±.0005 | 0.625 | 0.125 | 0.35 | 0.40 |
| KS-12 | 0.75 | 1.0000 ±.0005 | 0.750 | 0.150 | 0.40 | 0.063 |
| KS-16 | 1.000 | 1.250 ±.001 | 1.000 | 0.200 | 0.60 | 0.63 |

Note:

Material: 303 Stainless Steel

Tolerance: ±.005

**Finish: = <32 rms u-inch all surfaces
Passivated (Citric Acid)**

