



SA - 12 - 6 - SS - E2

Assembly Type _____

SA - Single rail shaft assembly

Shaft Diameter _____

8 - 0.500 inch diameter
10 - 0.625 inch diameter
12 - 0.750 inch diameter
16 - 1.000 inch diameter
20 - 1.250 inch diameter
24 - 1.500 inch diameter
32 - 2.000 inch diameter

Overall Length _____

xxx - inches

Shaft Material _____

- 1060 Steel
SS - 440C Stainless Steel
CR - Chrome Plated 1060 Steel

End Stops _____

- No end stops
E1 - One end stop
E2 - Two end stops

Specifications: SA & TRSA Shaft Assemblies

Support Type & Finish	Precision Machined 6061-T6 Aluminum, Black Anodized																													
Shaft Straightness	0.001/0.002 in/ft, cumulative																													
Shaft Parallelism (TRSA only)	+/- 0.002 in overall																													
Shaft Type	SL - 1060 Steel or 440C Stainless steel																													
Shaft Roundness	0.000080 inches																													
Shaft Chamfer	For 0.50 - 0.75 inch dia. : 0.03 inch x 45°, For 1.00 - 2.00 inch dia. : 0.06 inch x 45°																													
Surface Finish	8 - 12 R _a microinch																													
Diameter Tolerance	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 33%;">Nominal Shaft Diameter</th> <th style="width: 33%;">Shaft Diameter Tolerance</th> <th style="width: 33%;">Minimum Hardness Depth</th> </tr> <tr> <th>(inches)</th> <th>(inches)</th> <th>(inches)</th> </tr> </thead> <tbody> <tr> <td>0.500</td> <td>.4995 / .4990</td> <td>0.040</td> </tr> <tr> <td>0.625</td> <td>.6245 / .6240</td> <td>0.040</td> </tr> <tr> <td>0.750</td> <td>.7495 / .7490</td> <td>0.060</td> </tr> <tr> <td>1.000</td> <td>.9995 / .9990</td> <td>0.080</td> </tr> <tr> <td>1.250</td> <td>1.2495 / 1.2490</td> <td>0.080</td> </tr> <tr> <td>1.500</td> <td>1.4994 / 1.4989</td> <td>0.080</td> </tr> <tr> <td>2.000</td> <td>1.9994 / 1.9987</td> <td>0.100</td> </tr> </tbody> </table>			Nominal Shaft Diameter	Shaft Diameter Tolerance	Minimum Hardness Depth	(inches)	(inches)	(inches)	0.500	.4995 / .4990	0.040	0.625	.6245 / .6240	0.040	0.750	.7495 / .7490	0.060	1.000	.9995 / .9990	0.080	1.250	1.2495 / 1.2490	0.080	1.500	1.4994 / 1.4989	0.080	2.000	1.9994 / 1.9987	0.100
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