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**PRODUCT FEATURES AND BENEFITS**

**HARDENED AND PRECISION GROUND LINEAR SHAFTING**



Skamar precision ground linear shafting is made from 1060 steel, that is induction case hardened to 60-65Rc, providing a high wear resistant surface and in conjunction with linear ball bearings, roller type bearings or Teflon composite bearings, can be used in numerous applications. Skamar linear shafting is available in standard sizes ranging from 3/16" to 4" diameter.



A corrosion resistant 440C stainless steel shafting, case hardened to 50-60Rc and precision ground is also available, ranging in sizes from 1/4" to 2-1/2" diameter. Skamar Machine Co. will provide any type of custom machining, upon customer's request.



1060 STEEL CASE HARDENED AND PRECISION GROUND LINEAR SHAFTING							
NOMINAL DIA. (IN)	CLASS "L" DIA. (IN)	CLASS "S" DIA. (IN)	CLASS "D" DIA. (IN)	CLASS "N" DIA. (IN)	MIN.DEPTH OF 60-65 RC	WEIGHT PER IN. (LBS/IN)	MAX LENGTH (FT)
3/16	.1870/.1865				.027	.008	5
1/4	.2495/.2490	.2490/.2485		.2500/.2798	.027	.014	8
3/8	.3745/.3740	.3740/.3735		.3750/.3748	.027	.031	14
1/2	.4995/.4990	.4990/.4985		.5000/.4998	.040	.055	14
5/8	.6245/.6240	.6240/.6235		.6250/.6248	.040	.086	15
3/4	.7495/.7490	.7490/.7485		.7500/.7498	.060	.125	15 or 17*
7/8	.8745/.8740			.8750/.8748	.060	.170	15
1	.9995/.9990	.9990/.9985	1.0000/1.0003	1.0000/.9998	.060	.222	15 or 17*
1-1/8	1.1245/1.1240			1.1250/1.1248	.080	.281	15
1-1/4	1.2495/1.2490	1.2490/1.2485	1.2500/1.2503	1.2500/1.2498	.080	.348	17
1-3/8	1.3745/1.3740			1.3750/1.3747	.080	.420	15
1-1/2	1.4994/1.4989	1.4989/1.4984	1.5000/1.5003	1.5000/1.4997	.080	.500	17
1-5/8	1.6245/1.6240			1.6250/1.6247	.080	.587	15
1-3/4	1.7495/1.7490			1.7500/1.7497	.100	.681	15
2	1.9994/1.9987	1.9987/1.9980	2.0000/2.0003	2.0000/1.9997	.100	.890	17
2-1/2	2.4993/2.4985	2.4985/2.4977		2.5000/2.4996	.100	1.391	17
3	2.9992/2.9983	2.9983/2.9974		3.0000/2.9996	.100	2.003	15 or 17*
3-1/2	3.4990/3.4980				.100	2.726	17
4	3.9988/3.9976	3.9976/3.9964			.100	3.560	17

440C STAINLESS STEEL CASE HARDENED AND PRECISION GROUND LINEAR SHAFTING					
NOMINAL DIA. (IN)	CLASS "L" DIA. (IN)	CLASS "S" DIA. (IN)	MIN.DEPTH OF 50-60 RC	WEIGHT PER IN. (LBS/IN)	MAX LENGTH (FT)
1/4	.2495/.2490	.2490/.2485	.027	.014	5
3/8	.3745/.3740	.3740/.3735	.027	.031	14
1/2	.4995/.4990	.4990/.4985	.040	.055	14
5/8	.6245/.6240	.6240/.6235	.040	.086	14
3/4	.7495/.7490	.7490/.7485	.060	.125	15 or 17*
1	.9995/.9990	.9990/.9985	.080	.222	15 or 17*
1-1/4	1.2495/1.2490	1.2490/1.2485	.080	.348	17
1-1/2	1.4994/1.4989	1.4989/1.4984	.080	.500	17
2	1.9994/1.9987	1.9987/1.9980	.100	.890	17
2-1/2	2.4993/2.4985	2.4985/2.4977	.100	1.391	17

**NOTES:**

- (\*) 17 FT. LENGTHS AVAILABLE IN CLASS "L" ONLY
- 303 AND 316 STAINLESS STEEL (UNHARDENED CLASS "L") AVAILABLE UPON REQUEST
- MANUFACTURED FROM EXTRUDED 6061-T6 ALUMINUM FOR ENGINEERED PERFORMANCE
- CUSTOM LINEAR SHAFTING INQUIRES CAN BE FAXED TO:(216)249-8674 OR EMAILED TO: [info@skamar.com](mailto:info@skamar.com)

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