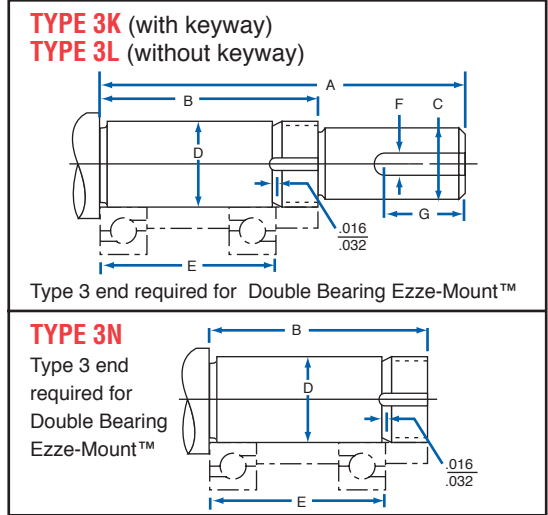
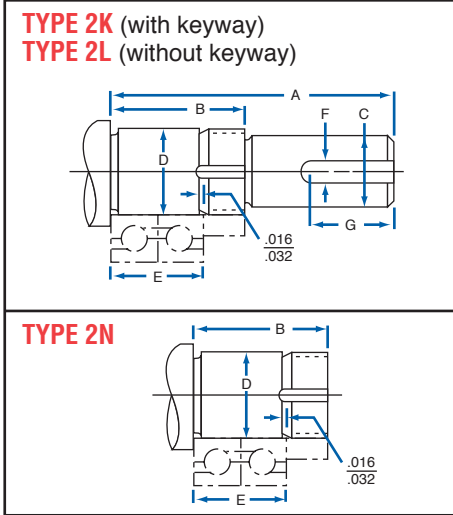
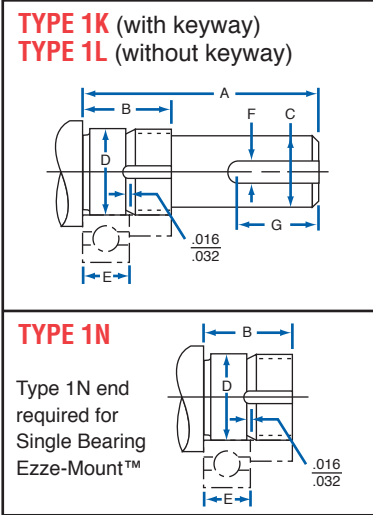


MACHINED END DRAWINGS AND CODES

Specifying standard machined ends results in quick deliveries. The machined ends shown below represent designs that are compatible with common application requirements for either simple or fixed bearing support. Dimensional data for these four types of ends is

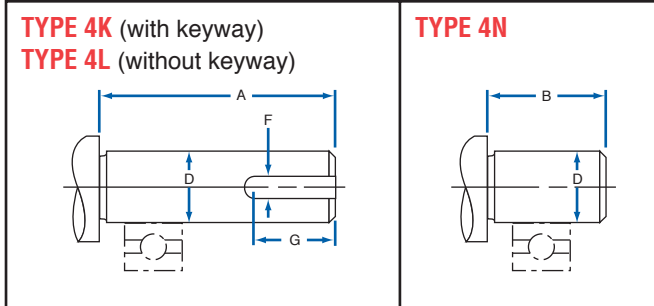
provided in the charts. Included in the chart are the locknut and lockwasher identification. These standard ends may be machined on any length of screw to meet your specific need.

MACHINED ENDS TECHNICAL DATA



MACHINE END CODE	TYPE 1 (K, L, N) Typical Journal for Single Bearing			TYPE 2 (K, L, N) Typical Journal for Duplexed Bearings			TYPE 3 (K, L, N) Typical Journal for Multiple Sets of Duplexed Bearings			COMMON DIMENSIONS FOR TYPE 1, 2 & 3 (K, L, N)					
	A	B	E	A	B	E	A	B	E	C	D	F	G	LOCK NUT	LOCK WASHER
3	.63	.36	.156	.75	.52	.312	1.09	.83	.624	.093 / .092	.1251 / .1248	N/A	N/A	#5-40	N/A
5	.88	.55	.236	1.09	.78	.472	1.56	1.26	.944	.125 / .124	.1970 / .1967	N/A	N/A	#10-32	N/A
6	.88	.55	.236	1.09	.78	.472	1.56	1.26	.944	.125 / .124	.2363 / .2360	N/A	N/A	#10-32	N/A
7	1.12	.65	.276	1.41	.93	.552	1.94	1.48	1.104	.187 / .186	.2757 / .2754	.063	.34	1/4-20	N/A
8	1.31	.68	.276	1.56	.96	.552	2.00	1.44	1.060	.250 / .249	.3151 / .3148	.094	.46	5/16-24	N/A
9	1.38	.72	.315	1.69	1.04	.630	2.38	1.81	1.438	.250 / .249	.3544 / .3541	.094	.46	5/16-24	N/A
10	1.37	.69	.315	1.67	1.00	.630	2.50	1.81	1.438	.312 / .311	.3939 / .3936	.125	.50	N-00	W-00
12	2.11	.81	.394	2.50	1.20	.788	3.29	1.99	1.576	.406 / .405	.4726 / .4723	.125	1.00	N-01	W-01
15	2.15	.84	.433	2.59	1.27	.866	3.50	2.18	1.732	.500 / .499	.5908 / .5905	.125	1.00	N-02	W-02
17	2.23	.92	.472	2.71	1.39	.944	3.65	2.33	1.888	.500 / .499	.6695 / .6692	.125	1.00	N-03	W-03
20	2.37	1.06	.551	2.93	1.61	1.102	4.03	2.71	2.204	.625 / .624	.7877 / .7873	.188	1.00	N-04	W-04
25	2.68	1.12	.591	3.27	1.71	1.182	4.45	2.89	2.364	.750 / .749	.9846 / .9842	.188	1.00	N-05	W-05
30	2.97	1.16	.630	3.60	1.79	1.260	4.86	3.05	2.520	1.000 / .999	1.1814 / 1.1810	.250	1.25	N-06	W-06
35	3.33	1.23	.669	4.00	1.90	1.338	5.34	3.24	2.676	1.250 / 1.249	1.3784 / 1.3779	.250	1.25	N-07	W-07
40	3.65	1.46	.906	4.55	2.37	1.812	6.37	4.18	3.624	1.375 / 1.374	1.5752 / 1.5747	.313	1.50	N-08	W-08
45	3.73	1.54	.984	4.71	2.52	1.968	6.68	4.49	3.936	1.375 / 1.374	1.7721 / 1.7716	.313	1.50	N-09	W-09
50	4.56	1.68	1.063	5.62	2.75	2.126	7.75	4.87	4.252	1.750 / 1.749	1.9689 / 1.9684	.375	2.30	N-10	W-10
60	5.56	1.88	1.221	6.78	3.10	2.442	9.22	5.54	4.884	2.250 / 2.249	2.3627 / 2.3621	.500	2.75	N-12	W-12
65	6.71	1.96	1.299	7.99	3.24	2.598	10.59	5.84	5.197	2.375 / 2.374	2.5591 / 2.5585	.625	3.70	N-13	W-13
75	7.68	2.18	1.457	9.14	3.64	2.914	11.33	6.56	5.828	2.750 / 2.749	2.9533 / 2.9527	.625	3.70	AN-15	W-15
80	6.95	2.26	1.535	8.49	3.80	3.070	11.56	6.87	6.140	3.000 / 2.998	3.1501 / 3.1495	.750	3.90	AN-16	W-16
95	9.60	2.60	1.772	11.37	4.37	3.544	14.92	7.92	7.088	3.500 / 3.499	3.7402 / 3.7394	.875	6.00	AN-19	W-19
105	10.84	2.84	1.929	12.76	4.76	3.858	16.62	8.62	7.716	4.000 / 3.999	4.1345 / 4.1338	1.000	6.75	AN-21	W-21

MACHINED END DRAWINGS AND CODES



MACHINE END CODE	TYPE 4 TYPICAL JOURNAL FOR PILLOW BLOCK				
	A	B	D	Key Width F	KEY Length G
2	.75	.25	.1251 / .1248	N/A	N/A
4	1.38	.50	.2501 / .2498	.063	.63
6	1.50	.75	.3751 / .3748	.125	.75
8	2.63	1.00	.5000 / .4995	.125	1.50
10	2.63	1.25	.6250 / .6245	.188	1.50
12	2.72	1.50	.7500 / .7495	.188	1.50
16	2.84	1.50	1.0000 / .9995	.250	1.50
19	3.25	1.78	1.1875 / 1.1870	.250	1.75
22	4.44	2.06	1.3750 / 1.3745	.313	1.87
24	4.56	2.25	1.5000 / 1.4995	.313	3.00
28	4.94	2.63	1.7500 / 1.7495	.375	3.00
32	5.19	3.50	2.0000 / 1.9995	.500	3.00
39	7.25	3.66	2.4375 / 2.4365	.625	4.69
42	7.75	3.94	2.6250 / 2.6240	.625	4.75
48	8.25	4.50	3.0000 / 2.9990	.750	4.88
55	8.50	5.16	3.4375 / 3.4365	.875	5.00
60	9.38	5.63	3.7500 / 3.7490	1.000	5.38
67	12.13	6.28	4.1875 / 4.1865	1.000	7.00

END TYPES

- 1K, 2K, 3K and 4K are designed with a shaft extension and keyway for square keys.
- 1L, 2L, 3L and 4L are designed with a shaft extension without a keyway.
- 1N, 2N, 3N and 4N are designed to be a non-driven support end.
- Double bearing supports use a Type 3N, 3L and 3K.
- Single bearing supports use Type 1N.

Where standard ends do not satisfy the application requirements, special ends may be machined to customer specifications.

Please submit a print for a prompt and competitive quotation.

PRECISION LOCKNUTS

Nook Industries offers precision ground locknuts for extreme applications requiring ground face and precision ground thread with extra thread engagement. These locknuts have radial thread set screws to assure secure positioning. Please request a catalog.



MACHINED ENDS TECHNICAL DATA