



# SHUR-LOK CORPORATION TECHNICAL SALES BULLETIN

TSB 0010

REV: B

DATE: 05-12-11

**TITLE:** SL7620, SL7680, SL7702, SL7703, SL7708, and SL7778 Key-Fast Locknut Assembly and Shaft Keyway Preparation

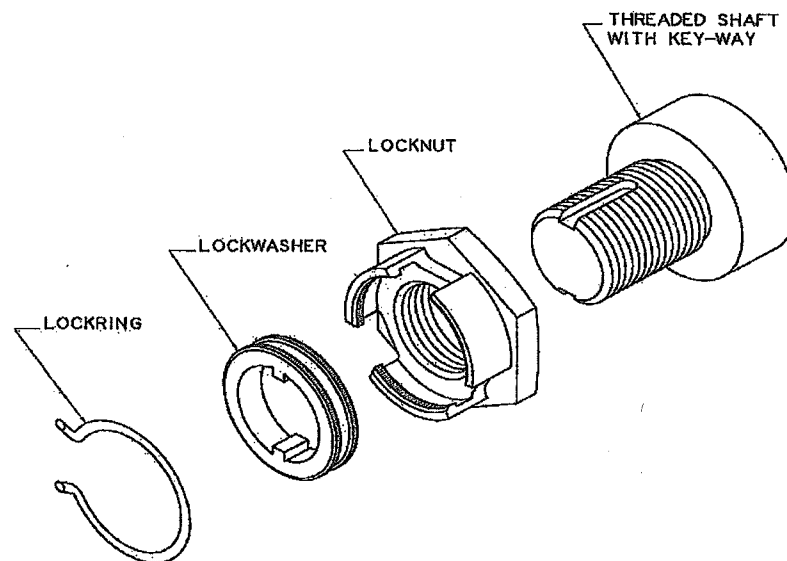
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**Note:** Use this TSB in conjunction with latest revision of Shur-Lok Sales Drawing numbers SL7620, SL7680, SL7702, SL7703, SL7708, and SL7778.

## General Description of System:

### 1.0 Key-Fast Locknut

- 1.1 Shur-Lok Corporation developed the SL7620, SL7680, SL7702, SL7703, SL7708 and SL7778 Key-Fast Locknuts to cover the needs of a wide range of applications requiring a quick, self-contained, no special tools, compact, re-usable, positive locking method for threaded components.
- 1.2 The SL7620, SL7680, SL7702, SL7703, SL7708 and SL7778 Locknuts consist of three components; a locknut, a mating lockwasher and a lockring. These components are assembled on a threaded shaft with two keyways per paragraph 2.0. See exploded view of components below.





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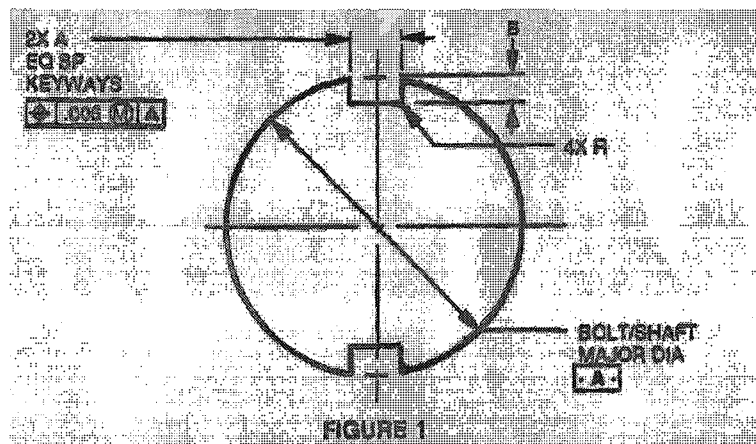
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**2.0 Shaft Keyway Preparation for installation of the SL7620, SL7680, SL7702, SL7703, SL7708 and SL7778 locknuts.**





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- 2.1 Prepare keyways using dimensions noted in Table 1 and corresponding detail of Figure 1.

**Table 1** - Keyway Data

Size	Thread (Ref)	A +.005 -.000	B ± .005	R RAD
4	.2500-28	.073	.065	.003-.010
6	.3750-24	.094	.070	.003-.010
8	.5000-20	.125	.075	.003-.010
10	.6250-18	.156	.083	.005-.015
12	.7500-16	.156	.088	.005-.015
14	.8750-14	.156	.093	.005-.015
16	1.0000-12	.156	.101	.005-.015
18	1.1250-12	.188	.101	.005-.015
20	1.2500-12	.188	.101	.005-.015
22	1.3750-12	.188	.101	.005-.015
24	1.5000-12	.188	.101	.005-.015
26	1.6250-12	.188	.101	.005-.015
28	1.7500-12	.188	.101	.005-.015



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**REVISION PAGE**

Orig. Issue Date:  
08/07/98

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REVISION RECORD:			APPROVALS:		
REV	DATE	REVISION CHANGE	ORIGINATOR	CHECKED	APPROVED
NC	08/07/97	Initial Release	D. McCorkle Signature on File	T. Riveron Signature on File	D. McCorkle Signature on File
A	12/04/01	Part Numbers SL7702, SL7703, and SL7708 were SL7620 in Title and text	Khaled Gazi Lead Engineer Signature on File	Derrick Seto Lead Engineer Signature on File	Khaled Gazi Lead Engineer Signature on File
B	05/12/11	Added References to part numbers SL7620, SL7680, and SL7778	Bill Schepergerdes Lead Engineer <i>x B. Schepergerdes</i>	Victor Pineiros Director of Engineering <i>x Victor Pineiros</i>	Bill Schepergerdes Lead Engineer <i>x B. Schepergerdes</i>