

ERRATA

ANSI/ABMA 8.2-2023

February 2025

The following corrections will be included in the next edition of ANSI/ABMA 8.2-2023, *Rolling Element Bearings – Shaft Mounted – Locknuts, Sleeves, and Locking Devices – Inch Design* (published 2023).

The changes, discovered after publication, have been reviewed and approved by the ABMA ASC B3 Committee.

Error 1: In Table B.1 on page 28 of ANSI/ABMA 8.2-2023, the header in the last column is incorrect.

Correction: Change the header from “max.” to “min.”

See the highlighted mistake and red text correction below:

Table B.1 – Thread dimensions, K₁ threads, unified special form – internal (See Figure B.1)

Nominal thread diameter	K ₁	Dimensions in inches				
		Minor diameter		Pitch diameter		Major diameter
		min.	max.	min.	max.	max.
0.391	32	0.3572	0.3606	0.3707	0.3733	0.391
0.469	32	0.4352	0.4386	0.4487	0.4513	0.469
0.586	32	0.5522	0.5556	0.5657	0.5687	0.586
0.664	32	0.6302	0.6336	0.6437	0.6467	0.664
0.781	32	0.7472	0.7506	0.7607	0.7641	0.781
0.969	32	0.9352	0.9386	0.9487	0.9521	0.969

min.

Error 2: In Table B.2 on page 29 of ANSI/ABMA 8.2-2023, several column headers are incorrect, as listed:

- the “Minor diameter” column should be “Major diameter”
- “min.” and “max.” should be swapped
- in the “Pitch diameter” column, “min.” and “max.” should be swapped.
- the “Major diameter” column should be “Minor diameter”

Correction: Replace the current Table B.2 with the following:

Table B.2 – Thread dimensions, K₁ threads, unified special form – external
(See Figure B.1)

Nominal thread diameter	K ₁	Minor diameter		Pitch diameter		Major diameter	Clearance allowances for sleeves
		min.	max.	min.	max.	max.	
0.391	32	0.3910	0.3856	0.3707	0.3681	0.3527	0.000
0.469	32	0.4690	0.4636	0.4487	0.4461	0.4307	0.000
0.586	32	0.5860	0.5806	0.5657	0.5627	0.5477	0.000
0.664	32	0.6640	0.6586	0.6437	0.6407	0.6257	0.000
0.781	32	0.7810	0.7756	0.7607	0.7573	0.7427	0.000

max.
min.
max.
min.