



FIG. A1 IDENTIFICATION OF 60 DEG. INCH SCREW THREADS WITHIN THE SCOPE OF ASME COMMITTEE B1

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Thread Identification	UN Threads, Internal and External	UNR Threads, External Only	UNJ Threads, Internal and External
ANSI standards documents	B1.1, Unified Inch Screw Threads; B1.2, Gages and Gaging for Unified Inch Screw Threads	B1.1, Unified Inch Screw Threads; B1.2, Gages and Gaging for Unified Inch Screw Threads	Draft of B1.15, Unified Inch Screw Threads – UNJ Thread Form; draft of B1.23, Gages and Gaging for Unified Inch Screw Threads – UNJ
External root	External thread root may be flat or rounded	Rounded root specified	Rounded root specified
External minor diameter	External thread minor diameter is not toleranced	External thread minor diameter is not toleranced	External thread minor diameter is toleranced
External threads	UN Classes 1A, 2A, and 3A	UNR Classes 1A, 2A, and 3A	UNJ Class-3A mates only with UNJ internal threads
Internal threads	UN Classes 1B, 2B, and 3B	No internal threads designated UNR; UNR mates with UN internal threads	UNJ Class 3B (no rounding required on internal thread root)

GENERAL NOTES:

- (a) The above cannot be used as a working sheet. Refer to the appropriate standards, as listed, for complete thread details and conformance data.
- (b) The appropriate current standard is the authoritative document for complete details and data and takes precedence over this sheet.
- (c) These standards may be purchased from the ASME Order Department, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300; telephone (201) 882-1167.



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