Society of Automotive Engineers, Inc.
29 West 39th Street
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AERONAUTICAL STANDARD AS 82

SCREW THREAD FORM, AMERICAN NATIONAL, MODIFIED (NATIONAL ROUND - NR)

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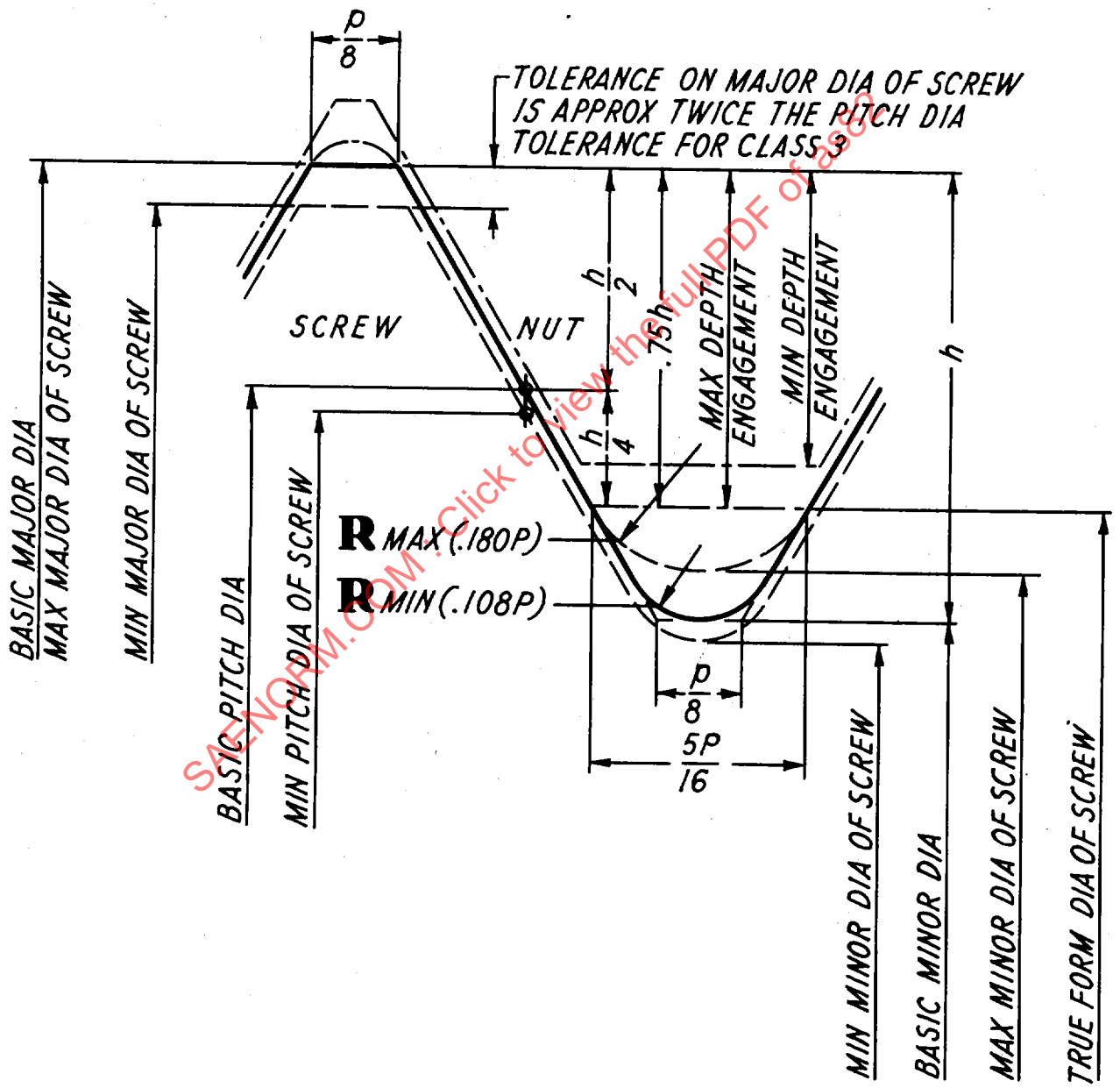
Revised

The external screw thread form with rounded root outlined herein is intended for application to highly stressed parts. Screws conforming to this standard will properly mate with parts tapped in accordance with the American National Form of Thread, having a depth of engagement not in excess of 75% of the basic thread.



NOTE: THE CURVATURE OF THE ROUND **R** AT THE ROOT OF THE THREAD MAY DIFFER FROM A TRUE CIRCULAR ARC, SO LONG AS THE MINIMUM RADIUS OF ANY PORTION OF THE ROUNDED ROOT PROFILE IS NOT LESS THAN THAT OF THE PRESCRIBED MINIMUM RADIUS

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