

AIA/NAS 3D CAD Models



Quickly configure and download authorized 3D native CAD models of NAS and NASM fastener components

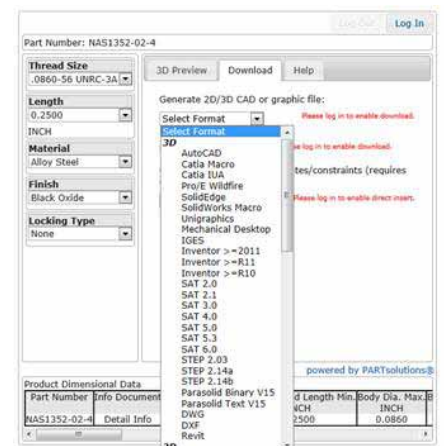
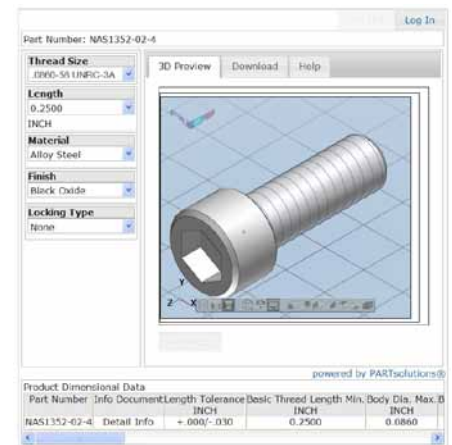
National Aerospace Standards (NAS/NASM/NAM/NA) from the Aerospace Industries Association (AIA) are critical to engineering design in the aerospace and defense industry.

Now the AIA/NAS 3D CAD Models solution from AIA, CADENAS PARTsolutions® and IHS Inc. will allow engineers to quickly apply those standards in the course of their design projects.

To simplify and accelerate the aerospace design process, AIA has partnered with CADENAS PARTsolutions and IHS to offer 3D models of the NAS parts standards. Under the partnership, the advanced PARTsolutions eCATALOGsolutions™ tools will be integrated with IHS Standards Expert® and IHS Standards Expert® with Goldfire®, the market-leading engineering knowledge management solutions from IHS. The NAS 3D catalog also will be available as a catalog within the PARTsolutions parts management solutions, with available integrations to all major CAD & PLM applications.

Using the web-based IHS solutions, engineers can quickly locate appropriate NAS, NASM, NA, and NAM standards and access the integrated PARTsolutions configuration tool to define the required parts based on parameters such as thread size, length, materials, finish and locking type.

The engineer can visualize and refine the specific configured model as necessary before generating a 3D model that can be saved into more than 150 native and neutral CAD and graphic formats, versions and revisions, including all major design applications such as Dassault Systèmes CATIA®, Siemens NX®, PTC Creo®, SolidWorks®, Autodesk Inventor® and Siemens Solid Edge®, among many others. The engineer can then insert the model into a computer design, where it can be tested for form, fit and function, as well as included in a bill of materials within the CAD software.



Product images subject to change.

Search, Select and Download Authorized AIA/NAS CAD Models



As easy as 1-2-3!

1 User searches for an AIA Standard in IHS Standards Expert

2 User selects the new 3D Models tool

3 User configures specific part selects format and downloads CAD model

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Key benefits of this solution include:

- Reduced modeling and design cycle times.
- Confidence in the accuracy of models.
- Alerts when standards change so you're using the latest document.
- Improved engineering productivity.
- Elimination of duplicated effort and rework.
- Assurance of quality through the use of authorized CAD models.
- Increased consistency in parts used on projects.
- Greater accuracy in bills of materials.

The Value of "Authorized" Models

AIA has officially sanctioned the creation of the models available through this new solution. This is important because now engineers can download the models with confidence in the accuracy and quality of the information embedded in the models, and the models will always be up to date with the latest revisions to the related standards.

About IHS Standards Expert®

Engineers across the globe rely on IHS Standards Expert as their trusted source for more than 1.6 million active and historical standards from more than 370 standards developing organizations. IHS Standards Expert with Goldfire expands the breadth of searchable content accessible with the solution to include more than 90 million eBooks, patents, technical journal articles, reports, design methods and best practices.



PARTsolutions part management system helps aerospace and defense manufacturers better manage their industry standard, supplier standard and company standard parts. Working in conjunction with ERP, PLM and SCM systems, PARTsolutions streamlines the engineering design and purchasing processes creating organizational efficiencies and eliminating waste in the supply chain.

513-453-0453 | info@partsolutions.com | www.partsolutions.com
400 Techne Center Drive, Suite 301, Cincinnati, OH 45150

For more information

www.ihs.com

Americas

Tel: +1 800 447-2273
+1 303 736-3001
Email: CustomerCare@ihs.com

EMEA

Tel: +44 (0) 1344 328 300
Email: Customer.Support@ihs.com

APAC

*Toll Free: +800 10002233
International: +604 291 3600
Email: SupportAPAC@ihs.com

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