

IHS Fasteners eCatalog

IHS Fasteners eCatalog Tip Sheet



The IHSFasteners eCatalog is a unique tool that provides decision support for the identification, specification and sourcing of Aerospace & Defense standard fasteners and hardware. It helps solve the time-consuming challenge engineers experience navigating through various "flat" standards and automates the human element of incorporating approved standard parts into their drawings. It empowers the engineer with various online searches — namely part number, document number and parametric — of these fasteners based on the proprietary normalization and categorization of fastener physical and mechanical attributes.

The IHS Fasteners eCatalog uses part numbers and attribute-based categorization to improve the selection of military and industry standard fasteners. It indexes and normalizes the attributes across standards and across industries, which improves the search, specification, and procurement of standards fasteners, as well as enables part standardization across your company's designs.

To Start IHS Fasteners eCatalog:

1. Go to <http://www.ihs.com> and click on IHS Login.
2. On the Login Menu, select **Login - IHS Engineering Division - ERC**.
3. On the Login page, enter your username and password.
4. On the ERC menu, select Fasteners eCatalog.



Search Tools

From the main search screen, you have the option to initiate a search by document number or standard part number as derived from the standards document.

In addition, you can initiate your search using the expandable **Text Search**, **Categories**, and **Attributes** fields. The Category search is the entry way into standards independent attribute refinements specific to each category.

Notes: (1) A text search is not a full-text search. It searches attribute values. (2) Attributes are category specific.

Sample Search

First, we will perform a part search using a document number, which is also part of the part number.

1. Type **NAS2813** into the Document/Part Number Search field and press **Search**.

The result is a list of 2560 bolts that contain NAS2813 in the part number.

Next, we will refine our search using the **Attributes** fields.

2. You can either select an attribute from a pull-down menu or click on an attribute in the results list. The list will automatically sort by that attribute. Attributes selected in the results list are also populated in the left-hand menu option fields.

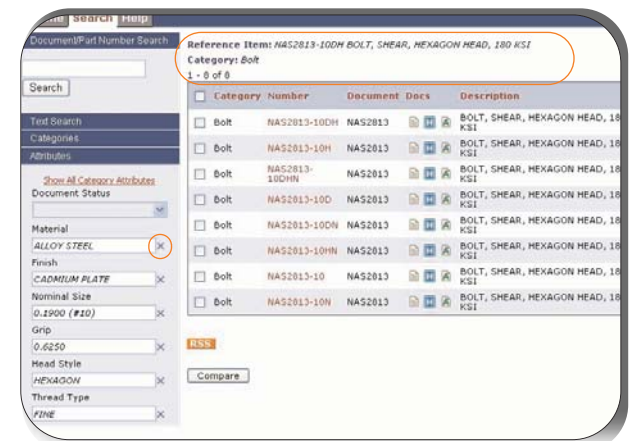
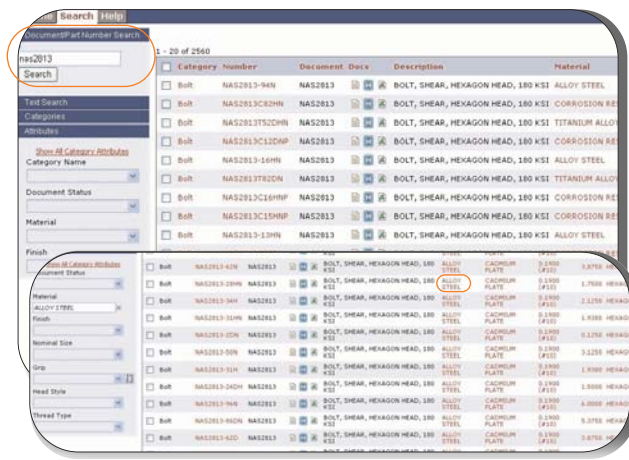
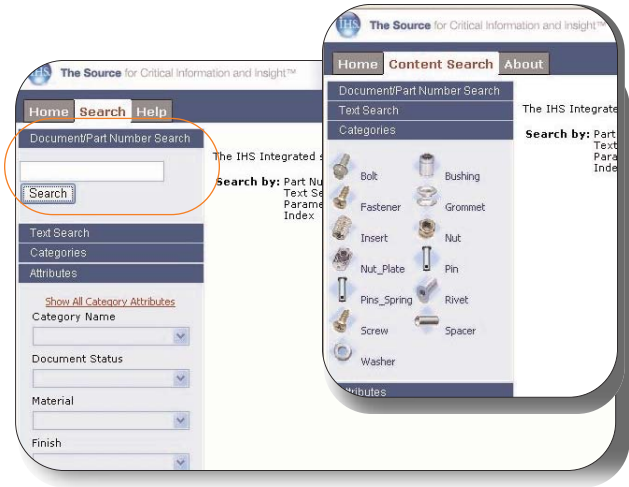
You can also select multiple attribute values from the attribute pull-down menus by using your Shift key (to select consecutive items) or your Ctrl key (to selected non-consecutive items).

In our example here, we clicked on **Alloy Steel** in the Material column, and Alloy Steel is now displayed in the Material attribute field.

You can continue to select attributes, as we have done here, to find the exact part for which you are searching. The attributes display at the top of your results list in the attribute fields.

A range search is available for numerical values, such as **Grip**, **Length**, and **Strength** attributes.

If there is an attribute you want to modify, simply click the **X** next to the field. The attribute will be removed from your criteria, and the results list will automatically refresh to the new criteria.



Comparing Parts

Part numbers can be compared side-by-side with the differences highlighted for quick reference.

To compare parts:

1. Click the **check box** next to the items in your results list that you want to compare, and then click the **Compare** button at the bottom of your list. If you click the check box at the top of the check box column, you can compare all of the parts.

To compare four parts, for example, just click the part numbers you wish to compare, and then click the Compare button. Those parts will now display side-by-side with highlighted differences to the reference part.

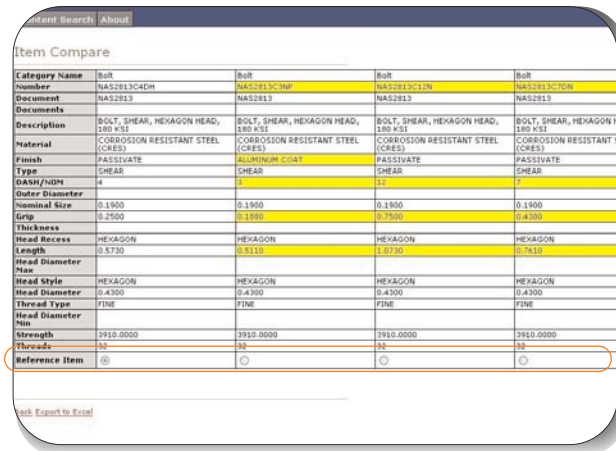
2. To modify which item is used as the main reference for your comparison table, click the **Reference Item** radio button. Your comparison table is instantly re-sorted, and all of your comparisons are now associated with your new selection. For example, if you select the Reference Item radio button for the bolt in column 2, which has an aluminum coat finish, all of the items in your table will be compared to that specific bolt.
3. To view detailed information on a specific part, click any available link in your results list for that item to open an **Item Detail** window. This information includes the information found on the part comparison table and any additional information that may be available for the part.

The Item Detail page also includes query links that allow you to search for similar and associated parts.

Additional Features and Functions


You will also find these unique features and functions in the IHS Fasteners eCatalog:


- Source of Supply information is available within a specific part's details, including manufacturers' and distributors' contact information.
- Results list column headers are alpha-numeric sortable, offering a quick view or shortcut through results.
- The measurements listed in the Nominal Size column contain both inch and metric values for high level refinement.
- The **Grip** column includes a pull-down menu in the header which can be used to change or convert grip measurements from inches to metric or metric to inches.




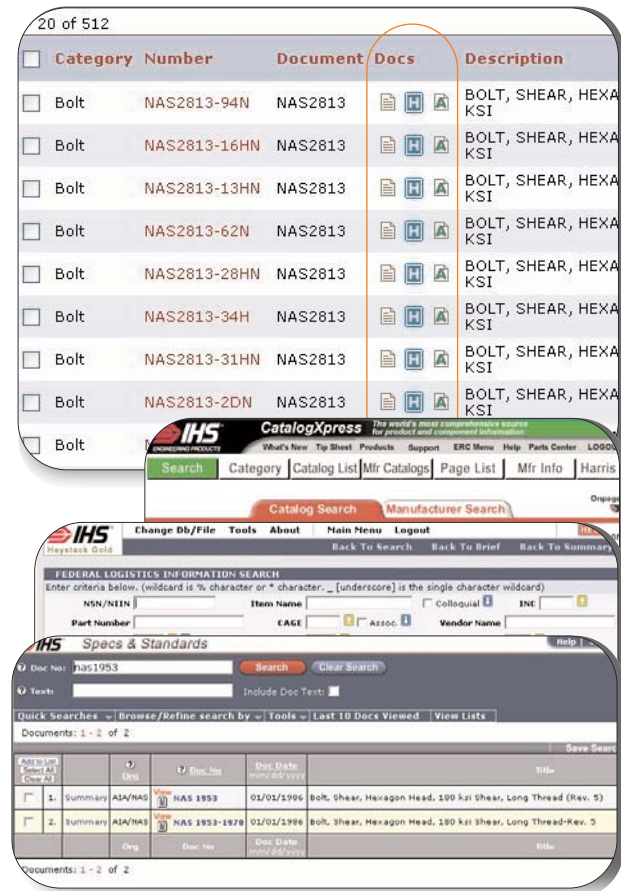
Results List Icons

In the Docs column of the results list, you will find three icons. These icons represent links into other IHS products that have further detailed information related to a part. In order to link to these applications, you must have a subscription to them. If you do not have a subscription, please use the contact information on the non-subscriber page that displays when you click on the icon.

 The document icon links to IHS Specs & Standards, which contains more than 1 million standards documents from over 370 Standards Developing Organizations (SDOs) and industry leaders worldwide. The link displays a green “A” for active documents and a red “I” for inactive documents.

 The “H” icon links to IHS Haystack® Gold, which contains information on more than 100 million items in the U.S. Federal Supply Catalog and over 40 U.S. Army, Navy, Air Force, and related military databases.

 The page icon links to IHS CatalogXpress®, which is the world’s largest collection of manufacturer’s catalogs. The collection includes product and component information such as brand name, part or model number, standard, National Stock Number (NSN), Mil Spec, manufacturer name and more.



Category	Number	Document	Docs	Description
<input type="checkbox"/>	Bolt	NAS2813-94N	NAS2813	BOLT, SHEAR, HEXA KSI
<input type="checkbox"/>	Bolt	NAS2813-16HN	NAS2813	BOLT, SHEAR, HEXA KSI
<input type="checkbox"/>	Bolt	NAS2813-13HN	NAS2813	BOLT, SHEAR, HEXA KSI
<input type="checkbox"/>	Bolt	NAS2813-62N	NAS2813	BOLT, SHEAR, HEXA KSI
<input type="checkbox"/>	Bolt	NAS2813-28HN	NAS2813	BOLT, SHEAR, HEXA KSI
<input type="checkbox"/>	Bolt	NAS2813-34H	NAS2813	BOLT, SHEAR, HEXA KSI
<input type="checkbox"/>	Bolt	NAS2813-31HN	NAS2813	BOLT, SHEAR, HEXA KSI
<input type="checkbox"/>	Bolt	NAS2813-2DN	NAS2813	BOLT, SHEAR, HEXA KSI
<input type="checkbox"/>	Bolt			



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