DHS Bolts

The DHS prefix to the DHS bolt range is an abbreviation of de-Havilland Spares. This is a full range of hardware applicable to all aircraft originally designed and built by the de-Havilland Aircraft Company. Although the Hawker is now built by Hawker Beechcraft, its pedigree can be traced back to the original DH125 model.

Figure 1

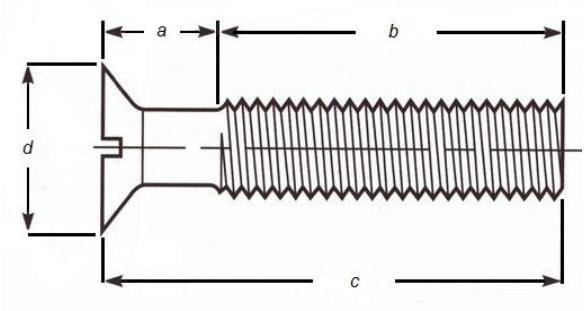
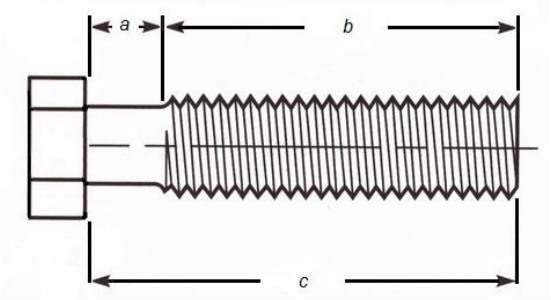


Figure 2



DHS Bolt Range

Range	Description	Head	Material
DHS1401	100° Countersunk Shallow Head	Slotted	Steel
DHS1402	100° Countersunk Shallow Head	Slotted	Steel
DHS1403	120° Countersunk	Slotted	Steel
DHS1404	120° Countersunk	Slotted	Steel
DHS1411	100° Countersunk	Slotted	Steel
DHS1412	100° Countersunk	Slotted	Steel
DHS1416	120° Countersunk #10 Size only	Raised Slotted	Steel
DHS1421	100° Countersunk Shallow Head	Hi-Torque	Steel
DHS1422	100° Countersunk Shallow Head		Steel
DHS1423	100° Countersunk	Hi-Torque	Steel
DHS1424	100° Countersunk	Hi-Torque	Steel
DHS1425	Shear Bolt	Hex Head	Steel
DHS1426	Shear Bolt	Hex Head	Steel
DHS1427	Shear Bolt	Hex Head	Light Alloy
DHS1429	Special Bolt	Hex Head	Steel
DHS1430	Shear Bolt	Hex Head	Steel
DHS1432	Close Tolerance	Hex Head	Steel
DHS1433	Shear Bolt	Hex Head	Steel
DHS1436	Retained	Pan Head	Steel
DHS1437	Retained	Hex Head	Steel
DHS1439			
DHS1461	**100° Countersunk Shallow Head**		**Light Alloy**
DHS1462	100° Countersunk Shallow Head	Hi-Torque	Titanium
DHS1463	100° Countersunk	Hi-Torque	Steel
DHS1464	100° Countersunk Shallow Head	Hi-Torque	Steel
DHS1465	120° Countersunk	Hi-Torque	Steel
DHS1466	Shear Bolt	Hex Head	Titanium
DHS1467	100° Countersunk Shallow Head	Hi-Torque	Steel
DHS1468	100° Countersunk	Hi-Torque	Steel
DHS1471	100° Countersunk Shallow Head	Hi-Torque	Titanium
DHS1472	120° Countersunk	Hi-Torque	Titanium
DHS1473	100° Countersunk	Hi-Torque	Steel
DHS1474	**100° Countersunk Shallow Head**	**Blind**	**Light Alloy**
DHS1475	120° Countersunk	Hi-Torque	Steel

Anodised and Dyed Green	Anodised	Cadmium Plated and Passivated	Nickel Chrome

S21DHS1432-1-1-2EE

DHS bolts prefixed S21 signify that the bolt has a drilled head for wire locking.

DHS1421-10E

The first group of four numeric digits refers to the Type, Material and Coatings of the bolt. Shallow head bolts have a smaller head diameter (***d***) than full depth head bolts. The example above is a Hi-Torque Steel bolt with a 100° countersunk shallow head and nickel chrome plated.

DHS1421-10E

The length of the bolt plain shank increases in tenths of an inch increments. In the above example the 10 refers to 10 tenths or, one inch of plain shank (***a***). Measurements including halves e.g. DHS1421-10-1-2D are half increments, or $^{1}/_{20}$ of an inch extra plain shank length.

DHS1421-10E

The alpha suffix (single or double letter) denotes the nominal size group of the bolt with unified thread.

DHS Bolt Size Range

D (DD)	E (EE)	G (GG)	J (GG)	L (LL)	N (NN)
No. 10	¼ Inch	$^{5}/_{16}$ Inch	$^{3}/_{8}$ Inch	$^{7}/_{16}$ Inch	½ Inch

Each bolt width comes in two different thread lengths (***b***) irrespective of total bolt length (***c***). The single letter suffix signifies a longer thread length than a double letter suffix.

Alternatives

A single letter suffix bolt ***MAY*** be an alternate to a double letter in some instances e.g. if the application is not a 'blind hole'. It is inadvisable however to use a double letter bolt in a single letter application.

Bolts prefixed S21 can be used as alternatives in non-wire locking applications providing the base part numbers the same e.g. S21DHS1432-8L can be used as an alternative to DHS1432-8L but not visa versa.

Although Allaero Ltd make every effort to ensure that information is correct, we cannot be held responsible for any errors or interpretations that are made.