

BPIR – Building Product Information Requirements

Class 1

HSFG Assemblies



Product Disclosure Information Self-Assessment
Version: 240213

Product Name	Milsons HSFG Assemblies
Product Identifier	K0HSFG (diameter x length*) (finish*) e.g. K0HSFG12X50G

Declaration

Milsons 2012 Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product Description

Structural assemblies are specifically designed to be used in heavy-duty engineering applications that require strong, but also resistant to vibrations and shocks, fastenings. HSFGs are made of 8.8 high tensile steel and coated with Hot Dip Galvanized finish. Bolt Assemblies come with 1 x HSFG bolt, 1 x HSFG washer, and 1 x HSFG nut which must be used together. The dimensions and mechanical properties are based on international standard AS1252:2016.1. (Test Certificates are available for this product on request).

Scope of Use

HSFG bolts intended uses are primarily suited for heavy duty applications and are also commonly used in structures that will be exposed to a lot of vibrations, or loadings that will reverse.

Conditions of Use

The responsibility for choosing the correct size/diameter and finish of the product, as well as applying the appropriate torque during installation in accordance with the application's requirements, rests with the user. To facilitate your decision-making process, we recommend consulting our technical guides, available at the following web address: <https://milsons.co.nz/category/technical-resources>.



Contribution to Building Code Clauses

Relevant Code Clauses	Contributions to Compliance
B1 Structure — B1.3.1, B1.3.2, B1.3.3 (b, d, e, f, g, h, j, q), B1.3.4	Compliance with B1 Structure is contingent upon the design crafted by the designated professional, such as a consulting structural engineer or architect. Design data is accessible to these professionals to ensure compliance with the provisions stipulated in AS/NZS 5131:2016 . Refer to the AS/NZ standard and installation requirements for further information.
B2 Durability — B2.3.1 (a)	The product is offered in multiple coating options or in stainless steel. Compliance with B2 Durability is contingent upon the selection of the most appropriate coating or material, in accordance with the specific application. This decision should be based on the required durability for the intended use, taking into consideration the environmental conditions in which the product will be situated. This should be made by the designer.
F2 Hazardous building materials — F2.3.1	These products are safe when handled and do not contain or emit harmful materials. There are no requirements for this product in order to comply with Acceptable Solution F2/AS1, First Edition Amendment 3, 2017.

Supporting Documentation

The following additional documentation supports the above statements:

- + Bolts vs Screws – Differences and when to use each one – Version No: 230301
<https://milsons.co.nz/high-strength-friction-grip-hsfg-bolts>

Contact Details

Manufacture Location	Our procurement involves sourcing products from a diverse range of manufacturers, encompassing countries such as China and Australia, and a curated assortment of European nations. For specific details regarding the manufacturer pertinent to the LOT you intend to purchase, we encourage you to reach out to our office for further information and clarification.
Legal and Trading Name of Importer	Milsons 2012 Ltd
Importer Address for Service	20 Kaimanawa Street, Palmerston North 4414
Importer Website	milsons.co.nz
Importer NZBN	9429030668829
Importer Email	sales@milsons.co.nz
Importer Phone Number	0800 507 444



Warnings and Bans

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

- No. Milsons can confirm that these products are not subject to a warning or ban under S26 of the Building Act.


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milsons.co.nz

The data provided in this document is for general guidance only and should not be solely relied upon when working to stringent specifications. We recommend consulting with qualified experts regarding any technical queries.

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