

PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ663
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Howmet Fixations Simmonds SAS
NOM DE SOCIETE : 9 Rue des Cressonnières
FIRMA : Saint Cosme en Vairais
72110
France

PLACE OF MANUFACTURE :
LIEU DE FABRICATION : As above
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 1302-(MCR) – Howmet Fixations Simmonds – St Cosme en Vairais (FR) PQ663 Dated: 30 Sep 2022

Completed by ASD-CERT Auditor : Sebastien GARCIA

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3004	EN3014	-050	Aerospace series - Shank nuts, self-locking, serrated, in heat resisiting steel FE-PA2601 (A286) - Classification: 1100 MPa (at ambient temperature)/650 °C

This certificate is valid / Ce certificat est valable / Dieses Zertifikat ist gültig

from 25-Apr-2022 until 25-Apr-2025

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen



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die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 1247-Howmet Fixations Simmonds – St Cosme en Vairais (FR) EN3014 **Dated:** 11 Apr 2022
Completed by ASD-CERT Auditor : Marc MORIN

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3004	EN3014	-050	Aerospace series - Shank nuts, self-locking, serrated, in heat resisiting steel FE-PA2601 (A286) - Classification: 1100 MPa (at ambient temperature)/650 °C

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ASD-CERT
6 Rond-point Schuman
1040 Bruxelles
BELGIUM

To:

Mrs Lacombe
Howmet Fixations Simmonds
9, rue des Cressonnières
72110 Saint Cosme en Vairais
FRANCE

Issy-les-Moulineaux, 25th of April 2022

Subject: Qualification of EN3014-050 (PQ663)

Dear Mrs Lacombe,

The ASD-CERT Mechanical-Fasteners Technical Committee decided to address a concern raised by the aerospace industry, namely:

The current EN3014 standard parts cannot be manufactured within the prescribed tolerances, following consultation with industry, and conducting review of said standard.

The ASD-CERT Mechanical-Fasteners Technical Committee requested the revision of EN3014 to ASD-STAN and decided to approve the manufacture of EN3014 with an angle α tolerance of $\pm 1^\circ$. No other parts are affected by this decision.

This letter grants interim authority to use the amended angle α tolerance ($\pm 1^\circ$) whilst manufacturing EN3014 parts only. The approval granted by this letter will remain extant until superseded by the formal publication of prEN3014 issue P4.

The EN3014-050 standard parts manufactured by Howmet Fixations Simmonds have been qualified taking into account this amended angle α tolerance ($\pm 1^\circ$) and shall be considered as qualified against prEN3014 issue P4.

Best regards,

Christelle FESTAUD
ASD-CERT Secretary General

