

PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ393 - Renewal
---	------------------------

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Paolo Astori SPA
NOM DE SOCIETE : Via Mirabella 9
FIRMA : Gattico
28013
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 : 1547-(R) – Paolo Astori SPA – Gattico (IT) PQ393 Dated: 21 Oct 2023
Completed by ASD-CERT Auditor : Piero Visconti

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
ISO5858	EN2883	-050	Nuts, hexagonal, self-locking, with counterbore and captive washer, in heat resisting steel, MoS2 lubricated - Classification : 1 100 MPa (at ambient temperature) / 315 °C
ISO5858	EN2894	-060	Nuts, bihexagonal, self-locking, with counterbore, in heat resisting nickel base alloy, passivated, MoS2 lubricated - Classification : 1 550 MPa (at ambient temperature) / 315 °C

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

from 01-Nov-2023 until 01-Nov-2026

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



PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ393
---	--------------

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
ISO5858	EN3435	-050	Nuts, anchor, self-locking, floating, two lug, reduced series, with counterbore, in heat resisting steel, MoS2 lubricated - Classification : 1 100 MPa (at ambient temperature) / 315 °C
ISO5858	EN3536	-100	Nuts, hexagon, self-locking, in heat resisting steel, MoS2 lubricated - Classification : 1 100 MPa (at ambient temperature) / 315 °C



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

from 01-Nov-2023 until 01-Nov-2026

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

A handwritten signature in black ink, appearing to be "CF", is written over a light blue horizontal line.

Christelle Festaud, ASD-CERT Secretary General
331-476-57011 12 January 2024

PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ393 Renewal
---	----------------------

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Paolo Astori SPA
NOM DE SOCIETE : Via Mirabella 9
FIRMA : Gattico
28013

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 : 1042-(R) – Paolo Astori SPA – Gattico (IT) PQ393 – Dated: 2 Dec 2020
Completed by ASD-CERT Auditor : Piero Visconti

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
ISO5858	EN2883	050	Nuts, hexagonal, self-locking, with counterbore and captive washer, in heat resisting steel, MoS2 lubricated - Classification : 1 100 MPa (at ambient temperature) / 315 °C
ISO5858	EN2894	060	Nuts, bihexagonal, self-locking, with counterbore, in heat resisting nickel base alloy, passivated, MoS2 lubricated - Classification : 1 550 MPa (at ambient temperature) / 315 °C
ISO5858	EN3435	050	Nuts, anchor, self-locking, floating, two lug, reduced series, with counterbore, in heat resisting steel, MoS2 lubricated - Classification : 1 100 MPa (at ambient temperature) / 315 °C

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Nov-2023

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



PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ393
---	--------------

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
ISO5858	EN3536	100	Nuts, hexagon, self-locking, in heat resisting steel, MoS2 lubricated - Classification : 1 100 MPa (at ambient temperature) / 315 °C



This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Nov-2023

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

A handwritten signature in black ink, appearing to be "CF", is written over a light grey background.

Christelle Festaud, ASD-CERT Secretary General
331-476-57011 4 January 2021

ASD-CERT

Certification of Aerospace Standard Products

10 rue Montoyer
1000 Brussels
BELGIUM

Tel. +32 2 775 8126
Fax +32 2 775 8131

PRODUCT QUALIFICATION / QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO.
N° DE CERTIFICAT
ZERTIFIKAT NR. **PQ393**

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Paolo Astori S.P.A.
NOM DE SOCIETE : Via Mirabella, 9
FIRMA : Maggiate Superiore
28013 –Gattico (NO)
Italy

PLACE OF MANUFACTURE : As above
LIEU DE FABRICATION :
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:

Applicable Standard Norme applicable Zutreffende Norm	Issue date of the Technical Specification	Products Produits Erzeugnisse	Issue date of the Product Standard	Report No. Issue Date ASD-CERT Mandated Body
ISO5858	11/1999	EN2883-050 EN2894-060 EN3435-050 EN3536-100	07/2009 10/2013 01/2010 07/2006	Report N° 537-1-2, N° 537-1-3, N° 537-1-4 & N° 537-1-5 – 6 th of July 2017 – for Paolo Astori Piero VISCONTI- LEONARDO COMPANY

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

NOVEMBER 2020

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

DATE :

DATE :

31/10/2017

DATUM :

PLACE :

A :

Brussels, Belgium

ORT :

SIGNATURE :

Patrick Terrier, Deputy Secretary General, +33 1 47 65 70 14

SIGNATURE :

On behalf of Christelle Festaud, Secretary General

UNTERSCHRIFT :