

PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ451 - Manufacturing Change
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : SPS Technologies
NOM DE SOCIETE : 2701 Harbor Boulevard
FIRMA : Santa Ana
92704-5803
USA

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 : 1520-(MCR) – SPS Technologies – Santa Ana CA (US) PQ451 Dated: 26 Sep 2023
Completed by ASD-CERT Auditor : Philip Edwards

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3152 01/05/2005	EN3241	-050	Aerospace series — Nuts, self-locking, clip, in heat resisting steel FE-PA 92 HT (A 286), silver coated — Classification: 1 100 MPa (at ambient temperature) / 425 °C

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

from 05-Jun-2022 until 05-Jun-2025

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.	PQ451 - Renewal
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME :	SPS Technologies
NOM DE SOCIETE :	2701 Harbor Boulevard
FIRMA :	Santa Ana
	92704-5803
	USA
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 : 1492-(R) – SPS Technologies – Santa Ana (US) PQ451 **Dated:** 26 Sep 2023
Completed by ASD-CERT Auditor : Philip Edwards

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3152 01/05/2005	EN3241	-050	Aerospace series — Nuts, self-locking, clip, in heat resisting steel FE-PA 92 HT (A 286), silver coated — Classification: 1 100 MPa (at ambient temperature) / 425 °C

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

from 05-Jun-2022 until 05-Jun-2025

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



ASD-CERT

Certification of Aerospace Standard Products

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1000 Brussels
BELGIUM

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Fax +32 2 775 8131

PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ451 Change Request
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Cherry Aerospace Div - SPS Technologies
NOM DE SOCIETE : LLC
FIRMA : 1224 East Warner Avenue
Santa Ana
Ca 92705
USA

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 : 908-(MCR) – Cherry Aerospace Div – Santa Ana (US) PQ451 Heat Treat and Silver Plating Dated:
22 May 2020

Completed by ASD-CERT Auditor : Philip Edwards

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3152	EN3241	050	Nuts, self-locking, clip, in heat resisting steel FE-PA92HT (A286), silvecoated - Classification: 1100 Mpa (at ambient temperature)/425 °C

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

05-Jun-2022

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



Christelle Festaud, ASD-CERT Secretary General
331-476-57011 18 June 2020

PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ451
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Cherry Aerospace Div - SPS Technologies
NOM DE SOCIETE : LLC
FIRMA : 1224 East Warner Avenue
Santa Ana
Ca 92705
USA

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 : 588-2 – SPS Technologies – Santa Ana (US) EN3241 **Dated:** 23 Mar 2018

Completed by ASD-CERT Auditor : Philip Edwards

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3152	EN3241	050	Nuts, self-locking, clip, in heat resisting steel FE-PA92HT (A286), silvecoated - Classification: 1100 Mpa (at ambient temperature)/425 °C

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

05-Jun-2022

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

