ASD-CERT
Rond-Point Schuman 6
1040 Brussels
Belgium

Telephone: +33 1 47 65 70 18
E-mail: secretariat.general@asd-cert.org
www.asd-cert.org

PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ677 - Renewal

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

COMPANY NAME : NOM DE SOCIETE : FIRMA :	MECAERO SNC - Howmet Fastening Systems Boulevard du Grand Castaing Roques-sur-Garonne 31128 France
PLACE OF MANUFACTURE : LIEU DE FABRICATION : HERSTELLUNGSORT :	As above

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 : 1932-(R) – Howmet Fastening Systems – Portet sur Garonne (FR) PQ677 **Dated:** 13 Jan 2026
Completed by ASD-CERT Auditor : Keith Allen

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
ISO9152	EN4178	-050, H050, D050, C050	Aerospace series — Screws, pan head, six lobe recess, coarse tolerance normal shank, medium length thread, in titanium alloy, anodized, MoS2 lubricated — Classification: 1 100 MPa (at ambient temperature) / 315 °C

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

from 29-Aug-2025 until 29-Aug-2028

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

Christelle Festaud, ASD-CERT Secretary General
331-476-57011 10 April 2026

ASD-CERT
Rond-Point Schuman 6
1040 Brussels
Belgium

Telephone: +33 1 47 65 70 18
E-mail: secretariat.general@asd-cert.org
www.asd-cert.org

PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO.
No DE CERTIFICAT
ZERTIFIKAT NR. PQ677

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

COMPANY NAME :
NOM DE SOCIETE :
FIRMA : MECAERO SNC - Howmet Fastening Systems
Boulevard du Grand Castaing
Roques-sur-Garonne
31128
France

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

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 : 1308-Howmet Fastening Systems – Portet sur Garonne (FR) EN4178 **Dated:** 13 Jul 2022
Completed by ASD-CERT Auditor : Sebastien GARCIA

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
ISO9152	EN4178	050	Aerospace series — Screws, pan head, six lobe recess, coarse tolerance normal shank, medium length thread, in titanium alloy, anodized, MoS2 lubricated — Classification: 1 100 MPa (at ambient temperature) / 315 °C

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

from 29-Aug-2022 until 29-Aug-2025

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

Christelle Festaud, ASD-CERT Secretary General
331-476-57011 14 September 2022