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PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO.
No DE CERTIFICAT
ZERTIFIKAT NR. PQ808

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 : 1992-Howmet Fastening Systems – Portet sur Garonne (FR) EN2549-050 **Dated:** 2026-07-17
Completed by ASD-CERT Auditor : Alexandre STEPANSKI

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
ISO9152	EN2549	-050, H050, D050, C050	Aerospace series - Bolts, normal hexagonal head, close tolerance normal shank, short thread, in titanium alloy, anodized, MoS2 lubricated, metric series - Classification: 1100 MPa (at ambient temperature)/315 °C

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

from 13-Nov-2026 until 13-Nov-2029

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



Christelle Festaud, ASD-CERT Secretary General
331-476-57011 13 November 2026