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PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ657 - 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 : 1949-(R) – Howmet Fastening Systems – Portet sur Garonne (FR) PQ657 **Dated:** 28 Dec 2025
Completed by ASD-CERT Auditor : Brian Milnes

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
ISO9152	EN4130	-080	Aerospace series - Bolts, normal hexagonal head, coarse tolerance normal shank, medium length thread, in titanium alloy, aluminium IVD coated - Classification: 1100MPa (at ambient temperature) / 425°C

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

from 28-Mar-2025 until 28-Mar-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 28 December 2025