



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB016523TS**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Steel pipes and fittings
<i>Type</i>	Hot Formed elbows
<i>Manufacturer</i>	ERNE FITTINGS GmbH
<i>Place of manufacture</i>	HAUPSTRASSE 48 6824 Schlins AUSTRIA
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA Trieste Marine** on **March 16, 2023**. *This Certificate is valid until* **April 15, 2028**



RINA Services S.p.A.

**Digitally signed by: Daniele
Chirulli
Date: 16/03/2023 15:10:18**

This certificate consists of this page and 1 enclosure

FAB016523TS

Approval details:

Pipe elbows

Steel Type	Manufacturing method	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition
C and C-Mn	Hot Forming	1067	60	acc. to standard
Alloy	Hot Forming	1067	60	acc. to standard

Digitally signed by: Daniele
Chirulli
Date: 16/03/2023 15:10:23