



**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