Certificate No: LR2006666TA
Issue Date: 29/07/2020
Expiry Date: 12/04/2025

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**CAST SPA**
Address	Strada Brandizzo 404, Volpiano (To), 10088, Italy
Type	Compression Fittings
Description	Carbon steel and stainless steel pipe couplings, cutting ring types for B3 without and B4 with double elastomer seal (NBR or Viton) for L & S pipe series.
Trade Name	B3 and B4
Application	General use in piping systems on ships classed or intended for Classification with Lloyd's Register, where the rotary flexure test is not required. Restrictions for B4 cutting ring: 1. Starting/control air and CO2 systems. 2. Inside machinery spaces of category A or accommodation spaces for main lines of inert gas systems. 3. Water spray or sprinkler systems which are not always filled with water. 4. Scupper pipes below freeboard deck over board
Specified Standard	LR Rules and Regulations for the Classification of Ships, 2020

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A member of the Lloyd's Register group

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Ratings

Type	Sizes (mm)	Pressure (bar)
L-Series (light)	6 to 42	315 to 160
S-Series (heavy)	6 to 38	630 to 315

Temperature range: -20°C to 120°C (carbon steel)
-60°C to 200°C (stainless steel)

Other Conditions

Selection and installation of couplings have to be in accordance with manufactures recommendations and instructions.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. HTS/ENS 32446-15, Issue 1 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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