



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	Walter Stauffenberg GmbH & Co. KG
Address	Im Ehrenfeld 4, Werdohl, 58791, Germany
Type	Pipe Clamps
Description	Pipe Clamps
Trade Name	STAUFF clamps - Standard, Heavy, Twin, Heavy Twin, Light, KS, DKS series, U-bolts, Metal Pipe Clamps, ACT Clamps and NRC Clamps
Application	For piping systems in Marine, Offshore and Industrial Applications, for fastening and guiding of tubes, pipes, hoses and cables.
Specified Standard	DIN 3015, Part 1, 2, 3 and 10
Ratings	see Appendix
Other Conditions	The clamp material for marine applications to be of flame retardant quality. For essential piping systems in Category A machinery spaces or accommodation clamp types with two or more bolts are to be used together with a steel cover plate. Single bolt types of series TWIN, Standard Light (LB) and Light (LN) are only to be used in conjunction with an U-shape steel cover plate entirely retaining the pipe from all sides.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Engineering - Piping - Senior Specialist to
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A member of the Lloyd's Register group

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For selection and installation the producer's instructions and recommendations to be adhered to.

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.

Previous Version: 03/20020(E4)

The Design Appraisal Document HMD 9856-03, Issue No. 5 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Appendix

TYPES AND SIZES

Series	Diameter Range [mm O.D.]
STANDARD DIN 3015-1/ -10	6 to 102
HEAVY DIN 3015 -2 / -10	6 to 450
TWIN DIN 3015 -3 / -10	6 to 42
HEAVY TWIN	8 to 42
LIGHT LBBU / LB / LN	6 to 32 / 3,2 to 25,4 / 6 to 22
KS / DKS	220 to 800
U-Bolt Roundsteel RB+RUK/RUL, RBD	25 to 521
U-Bolt Flatsteel FB+RUK	21 to 740
U-Bolt +RSU	21 to 407
Metal Pipe DIN 3567- A/B	20 to 521
ACT Clamps (Anti Corrosion Technology)	6 to 42
NRC Clamps (Noise- & Vibration-Reduction Clamps)	6 to 88,9
RI and RI-S Clamp Inserts	6 to 45.5
MEDIUM sim. to DIN 3015, Gr. 7M/8M/9M/10M/11M	44,5 to 168
Multi-Line-Clamps	6 to 25,4
Stauff Stud Welding SWG	For Standard Series M6

MATERIAL SPECIFICATION

Clamp bodies and inserts

Polypropylene, polyamide, thermoplastic elastomer (Santoprene),
ACE (Anti-Corrosion Elastomer), aluminium

Metal parts

Carbon steel
Stainless steel 1.403 / 1.4305 (304)
Stainless steel 1.4401 / 1.4404 / 1.4571 (316)

MAXIMUM ALLOWABLE TEMPERATURE RANGE OF CLAMP BODIES AND INSERTS

Material	Temperature range [°C]
Polyamide (PA)	-40 / +120
Polyamide (PAVO)	-30 / +120*
acc. to UL94-V0 and EN 45 545-2 (R22/R23)	
Polyamide (PA-FF)	-30 / +120*
Polypropylene (PP)	-30 / +90
Polypropylene (PPDA)	-25 / +90*
Polypropylene (PP6853)	-25 / +90*
Polypropylene (PP-AC)	-30 / +90
Polypropylene (PP-V0)	-25 / +90*
ACT/ACE (Anti-Corrosion Elastomer)	-25 / +90*
Aluminium (AL)	-40 / +300
Santoprene (SA)	-50 / +90
Santoprene V0 (SA-V0)	-50 / +90*
EPDM (EPDM)	-50 / +120

*) flame retardant, spec. see catalogue