

Inspection Certificate 2.2 accord. to DIN EN 10204

(DIN EN 10242, Number 11.8 Inspection Certificate)

Malleable cast iron fittings for CO₂ extinguisher systems

<u>Product:</u>	Threaded fittings according to DIN EN 10242		
<u>Trademark:</u>	- A. L. -		
<u>Applicability:</u>	Assortments of release list for high-pressure gas fire extinguishing Systems from 08.01.2025		
<u>Valid:</u>	2025		
<u>Design:</u>	DIN EN 10242, No. 6 - Design Symbol A –		
Material:	EN-GJMB 350-10 No. EN-JM1130 DIN EN 1562		
Conncting thread:	DIN EN 10226-1 Male thread: R Female thread: Rp		
Alignment of threads	standard demand $\pm 0,5^\circ$ are respected		
<u>(EN 10242/point 8.2)</u>			
<u>Technical test:</u>	Tensile strength:	min. 350 MPa	
	Elongation:	min. 10 %	
	0,2% Yield strength:	min. 200 MPa	
<u>Chemical analysis:</u>	C %: 2,80 – 3,00	Si %: 1,40 – 1,60	Mn %: < 0,60
	P %: < 0,10	S %: < 0,20	Cr %: < 0,060
<u>Models:</u>	Standard model zinc-plated		
<u>Testing:</u>	-Type testing using 300 bar hydraulic internal pressure - Material testing at -50° Celsius min. 14 J		
<u>Identification:</u>	Red dot with embossed “D”		
<u>Leak-testing:</u>	By applying compressed air at 8 bar minimum		

Gröditz, 08.01.2025

B. Henning
Managing Director

Haupt
Quality Assurance

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