



**WASI**

# **DUPLEX ANCHOR CHAINS**

**STRENGTH AT ITS BEST**

**VERBINDUNGEN, DIE HALTEN.  
CONNECTIONS MADE OF STEEL.**

# POWERFUL AGAINST CORROSION: DUPLEX ANCHOR CHAINS

Duplex belongs to the group of stainless and acid resistant steels. Characteristic of duplex steels is the balanced austenitic-ferritic two-phase structure (ratio 50:50), where the positive properties of ferrites and austenites are combined here.

The high strength in combination with the corrosion resistance and high yield strength make duplex steels

versatile usable compared to steels of other material classes. Unlike anchor chains made of common materials such as 1.4401, 1.4404 and 1.4571, the duplex anchor chains from WASI are less sensitive to pitting and crevice corrosion and are therefore ideal for use under water and in warmer waters up to 30 degrees.

## THE WASI PRODUCT RANGE DUPLEX ANCHOR CHAINS

Form and design according to DIN 766

- › Item number M8070
  - » Ø 6 mm, length 100 m
  - » Ø 8 mm, length 100 m
  - » Ø 10 mm, length 100 m

## TECHNICAL SPECIFICATIONS

Material	A4-Stainless Steel 1.4401	Duplex 1.4462
Ø	breaking load [kN]	breaking load [kN]
6 mm	16	25 +55 %*
8 mm	32	46 +45 %*
10 mm	50	72 +44 %*

\*compared to 1.4401

Material class	CRC	PREN
A2	II/moderate	17,5–21
A4	III/middle	23–28
A5	III/middle	23–26,5
Duplex	IV/strong	33–35

CRC = Corrosion resistance class

PREN = Pitting Resistance Equivalent Number

## YOUR ADVANTAGES



HIGHER STRENGTH AND DEFICIT LIMIT AGAINST  
A4-STAINLESS STEEL (1.4401)



HIGHEST CORROSION RESISTANCE CLASS (IV)  
Compared to 1.4401, 1.4404 and 1.4571 chains.



LOW WEIGHT  
Due to high breaking load a smaller chain diameter  
can be choosed.



WEAR-RESISTANT



SUITABLE FOR ALL WATERS  
Also resistant in warm waters up to 30 degrees Celsius.



HIGH DURABILITY



WE'LL BE PLEASED TO ADVISE YOU FOR YOUR APPLICATION.

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