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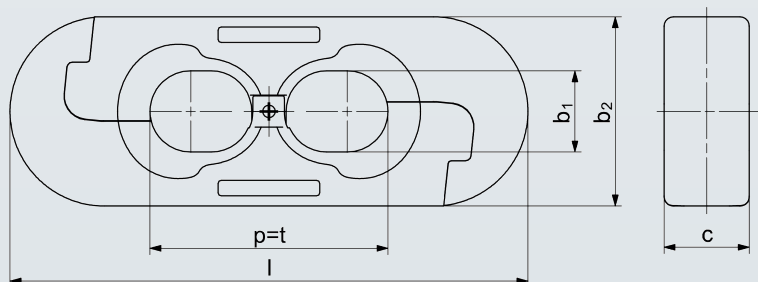
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**FASING
America**

BLOCK CONNECTOR RAPID OZBR PRO

in accordance with FASING Technical Specifications and DIN 22258-3



Connector OZBR PRO d×p-b ₂	p = t	l max	c max	b ₁ min	b ₂ max	Breaking load min [kN]	Link weight ≈ [kg]
34×126-98	126	284	36	37	98	1610	5.8
38×126-101	126	275	40	41	101	1910	6.3
38×137-101	137	307	40	41	101	1910	7.2
SP 38×126-88	126	308	54	40	88	2010	7.1
42×146-109	146	329	45	45	109	2510	9.0
SP 42×128-99	128	315	60	44	99	2510	10.2
48×144-115	144	336	56	52	115	2910	11.7
48×152-121	152	336	56	52	121	2910	12.3
SP 50×146-115	146	351	65	52	115	3400	14.5
52×170-125	170	366	61	55	125	3400	14.7
56×187-131	187	402	66	62	131	4010	18.0
SP 56×168-130	168	390	75	61	130	3940	20.5
60×181-135	181	398	69	65	135	4520	19.4

Fatigue resistance acc. to DIN 22258-3 standard.

As a standard, connectors OZBR PRO are painted with a special paint of FASING green colour RAL 6018, zinc-plated Zn-M or zinc-aluminum-plated Zn-Al-M – surface.

ATTENTION:

- ⚙ Strength parameters acc. to DIN 22258-3 standard concern the surface after the production and technological process, without scale, dry, not lubricated, without any coatings.
- ⚙ We reserve the right to implement changes resulting from technical progress.
- ⚙ Subject to changes, TK-07-05-2025

This brochure is for information purposes only and does not constitute an offer within the meaning of the Civil Code.

BLOCK CONNECTOR RAPID OZBR PRO

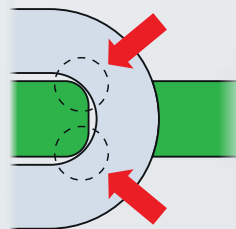
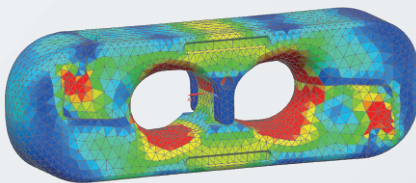
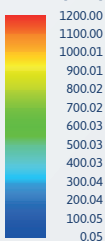
DESCRIPTION OF THE BLOCK CONNECTOR

On the basis of long performance experience, the mechanical properties mentioned on page 1/2 are chosen optimally in mutual proportion and proportionally to parameters, which decrease while the operation, and to expected performance durability. On the basis of individual user's needs, single order, the mentioned parameters may be changed (increased or decreased) based on agreed, approved and accepted technical specification. While designing **OZBR PRO** block connectors, the advanced computer software has been used for the strength calculations and load, stress simulations.

ATTENTION: Concerning the risk of performance failure resulting from friction martensite while choosing **OZBR PRO** connectors for connecting **DIN 22255** standard chains and other non-standard flat chains, it is advised to take notice and compare the dimensions in such a way, that **b_2 of vertical connector is not bigger than height b_4 of flat links**. **OZBR PRO** connectors are made according to **German DIN 22258-3 standard** and **FASING Technical Specifications**. To obtain the strength parameters much higher than these specified in the standard, the best highly optimal (WO) nickel chromium molybdenum manganese steel was used, as well as alloy micro-additives. The said steel conforms to the requirements of the **DIN 17115** and **PN-92/H-93028 standards** as well as **FASING requirement specifications**. Own applied special heat treatment guarantees high quality and reliability.

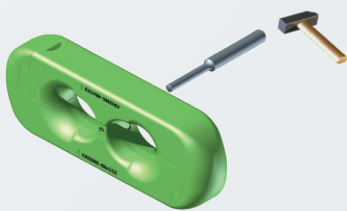
OZBR PRO block connectors may be used to connect both the links of the round link chains (acc. to DIN 22252) and flat link chains (acc. to DIN 22255). Because of their design, they may perform **only in a vertical position**. Its assembly and disassembly is very simple (instructions below) and its design prevents links knuckling.

Stress [MPa]



Longer durability because of two-point contact

INSTRUCTIONS OF ASSEMBLY AND DISASSEMBLY

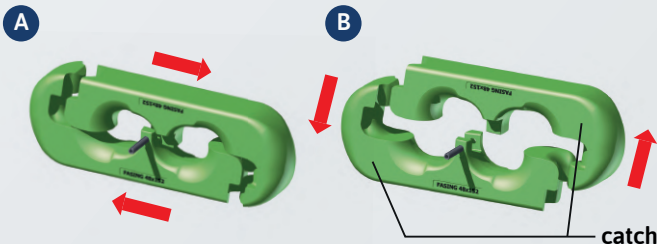


As-Delivered condition

Delivered connector OZBR PRO is assembled i.e. its halves are slid together and protected with plastic clamp (or the set of spring pins Ø5/Ø8 or Ø6/Ø10 made acc. to ISO-8752 and DIN 1481 standard).

Stage I

In order to assemble the OZBR PRO connector to a chain, connector halves should be separated, but firstly, the plastic clamp should be removed or set of spring pins are to be knocked out with a hammer or a special pin punch of a proper diameter and length or any other pin punch of diameter 8-0,5 [10-0,5] mm.



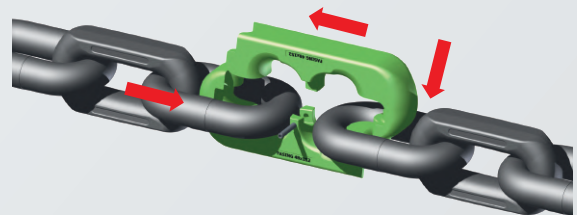
Stage II

Take apart the connector halves by parting the halves towards themselves, as the arrows show – **A**. After passing the catches, the halves should be separated with the upward move – **B**.



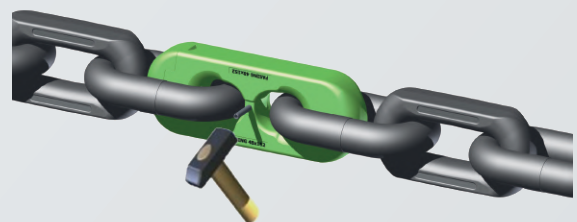
Stage III

Put the links of the connected chain strands on the lower part of the connector.



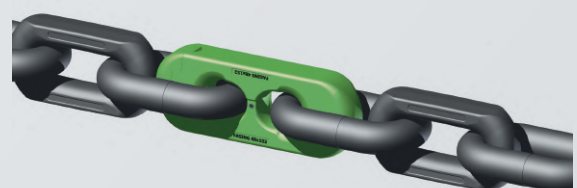
Stage IV

To make the assembly of the upper part of the connector easier, slide together the end of the connected chain (left side) to the very centre, put the top part of the connector and move the halves towards themselves in such a way, that the holes in the centre part overlap.



Stage V

Drive the set of spring pins, using the hammer, as deep as the connector's body surface.



Stage VI

The proper outcome of the assembled connector which links two chain strands.

Disassembly of OZBR PRO connector from the chain should be performed as in stages I and II.