CONNECTORS for mining

POWERBLOCK

DOMINATOR
How far behind are you with your production due to downtime or unplanned fractures of connectors?

How many accidents/injuries do you have caused by difficult assembly and disassembly?

The solution:

- Productivity increase of up to 50 %
- Reduction of downtime by duplication of the number of cycles compared to DIN

- Easiest, fastest assembly and disassembly
- Higher reliability by double locking geometry
RUD Connectors for mining

RUD chain connectors in many areas exceed the required specifications of the DIN 22258.

RUD connectors are proven in longwall mines all over the world and used by leading mining companies due to their high reliability.

We will be pleased to help you find the optimum solution for your conveyor. Please send us your inquiry:

Hotline: +49 73 61 504-1369
E-Mail: conveyor@rud.com

Our connectors are:
- 100% crack free
- Perfectly corrosion protected
- Perfectly suited to your individual case of application

- Mechanical and technical properties better compared to DIN 22258
- Due to this longer life time
- Robust and torsion resistant design
- Increased operational reliability
- Vertical and horizontal run over sprockets
- Ideally for use in plough installations

- Simple assembly and disassembly due to special locking shape
- Reinforced front end
- Pivoting of the connector is not necessary during installation
- Double toothed locking shape for long term use
- High reliability due to optimized material selection
- Vertical run over sprockets
Flat connector acc. to DIN 22258-1 for mining chains

RUD flat connectors DOMINATOR can be used either vertically or horizontally in round link chain strands. Especially in plough chains acc. to DIN 22252 as well as horizontally as repair connectors in flat link chains acc. to DIN 22255 RUD connectors DOMINATOR are used.

### Chain connector DOMINATOR

<table>
<thead>
<tr>
<th>Size (d x t in mm)</th>
<th>Bx</th>
<th>BX</th>
<th>L</th>
<th>l</th>
<th>r</th>
<th>kN*</th>
<th>N/mm**</th>
<th>Cycles **</th>
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<td>58</td>
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<td>645</td>
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<td>95</td>
<td>33</td>
<td>62</td>
<td>146</td>
<td>40</td>
<td>900</td>
<td>850</td>
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<td>109</td>
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<td>70</td>
<td>170</td>
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<td>76</td>
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<td>134</td>
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<td>65</td>
<td>2350</td>
<td>850</td>
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* +/- 5 %       ** High + low tension acc. to DIN 22258       *** Special dimension
RUD block type connectors POWERBLOCK run vertically over sprockets and are used in high performance mining applications.

### Chain connector POWERBLOCK

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<thead>
<tr>
<th>Size</th>
<th>b1</th>
<th>b2</th>
<th>c</th>
<th>l</th>
<th>kN*</th>
<th>N/mm²*</th>
<th>min. Cycles **</th>
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<tbody>
<tr>
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<td></td>
<td></td>
<td></td>
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</table>

* +/- 5 %  ** High + low tension acc. to DIN 22258-3  Other sizes on request
We have experience of many years in the fields of energy generation, bulk transport, industrial handling and in maritime environment. Thus our system components are always perfectly matched and deliver reliable system solutions.

RUD conveying and drive systems offer you a variety of system solutions for your application. For conveying, driving or lifting, we are offering you the matching system. Preferably based on the round steel link chain as drive we construct and produce bucket elevators, scraper conveyors and special drive solutions for lifting, conveying or setting.

When requested we use lashing chains and belts, too.

Our engineers possess a great experience and will gladly advise you at your individual task. On request the RUD service will visit you on site and support you at the assembly, conversion or maintenance of your facility.

For information about other RUD products, i.e.:
- Lifting accessories and securing equipment
- Military technology
- Conveyor systems
- Drive technology
- Tyre protection chains
- Snow chains
visit www.rud.com or phone +49 7361 504-0