



Danforce

# 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:

### DOMINATOR



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

### POWERBLOCK®



- 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:

## Our connectors are:

- 100% crack free
- Perfectly corrosion protected
- Perfectly suited to your individual case of application

**HOTLINE:** +49 73 61 504-1369

**E-MAIL:** [conveyor@rud.com](mailto:conveyor@rud.com)

## DOMINATOR



- 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

## POWERBLOCK®



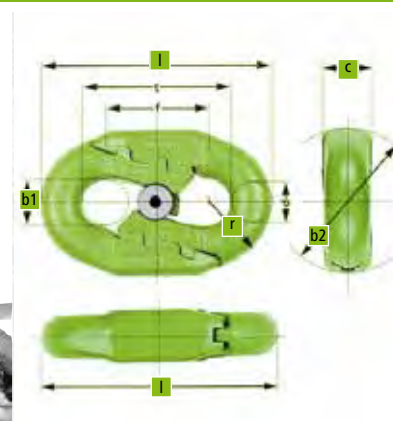
- Simple assembly and disassembly due to special locking shape
- Reinforced front end
- Pivoting of the connector is not necessary during installation
- Double toothed locking shape for long term use
- High reliability due to optimized material selection
- Vertical run over sprockets

# 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

Size							Brea- king load	Breaking strength	Cycles**
d × t in mm	b1	b2	c	f	l	r	kN *	N / mm <sup>2</sup> *	
22 × 86	24	85	26	58	132	34	645	850	90.000
26 × 92	28	95	33	62	146	40	900	850	90.000
30 × 108	32	109	36	70	170	47	1200	850	150.000
34 × 126	36	120	40	76	196	52	1540	850	150.000
38 × 137	41	134	45	88	215	58	1925	850	150.000
42 × 137**	50	151	51	80	224	65	2220	850	100.000
42 × 146	50	150	51	78	232	65	2350	850	120.000

Other sizes on request

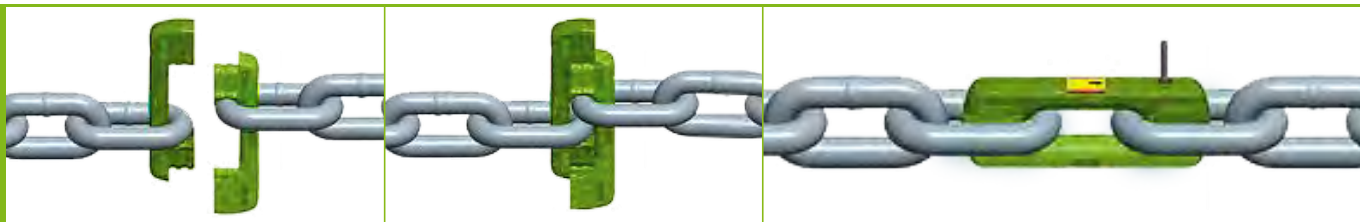
\* +/- 5 % \*\* High + low tension acc. to DIN 22258 \*\*\* Special dimension





# BLOCK CONNECTOR ACC. TO DIN 22258-3

FOR MINING CHAINS



RUD block type connectors POWERBLOCK run vertically over sprockets and are used in high performance mining applications.



## CHAIN CONNECTOR POWERBLOCK

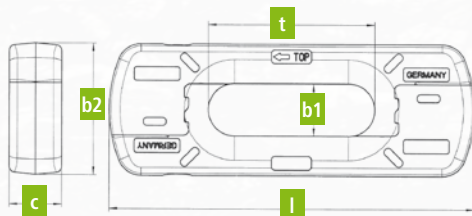
Size					Breaking load	Breaking strength	min. Cycles**
d × t in mm	b1	b2	c	l	kN *	N / mm <sup>2</sup> *	
34 × 126	38	99	36	280	1450	800	70.000
38 × 137	41	111	40	308	1820	800	70.000
42 × 146	45	115	46	320	2350	850	70.000
42 × 146	45	109	46	320	2215	800	70.000
48 × 144	51	125	58	344	3100	800	70.000
48 × 144	51	116	58	344	3100	800	70.000
48 × 152	52	127	51	346	2900	800	70.000
48 × 152	52	116	51	346	2900	800	70.000

Other sizes on request

\* +/- 5 %

\*\* High + low tension acc. to DIN 22258-3

\*\*\* Special dimension



# RUD MINING CHAINS



## RUD ROUND STEEL LINK CHAINS ACCORDING TO DIN 22 252-2

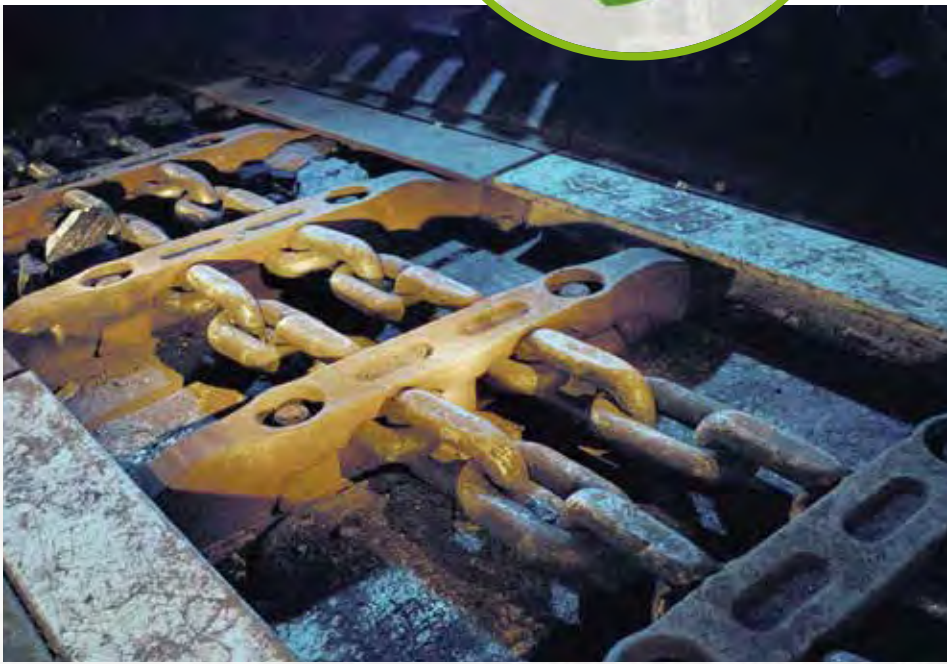
ROUND STEEL LINK CHAINS FOR  
CONVEYORS IN MINING APPLICATIONS  
DIN 22 252 GRADE 2





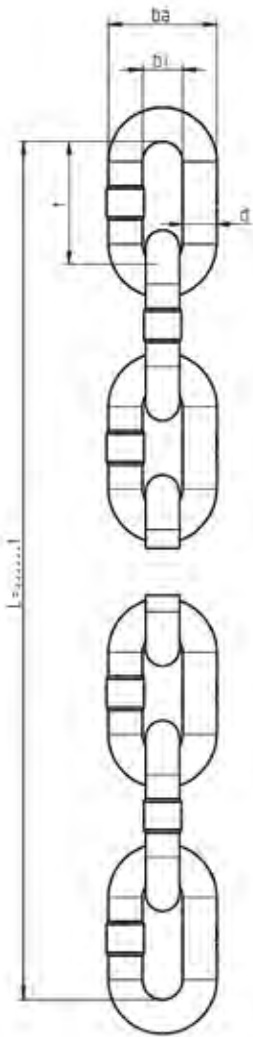
# RUD MINING CHAINS

## DATASHEET



## DATASHEET

Size in mm		Width		Measu- ring length	Weight	Proof load	Breaking load
Dia	Pitch	Inside bi (min)	Outside ba (max)	5 × t	kg / m	kN	kN min.
26	92	30	85	460	13,7	637	850
30	108	34	97	540	18	848	1130
34	126	38	110	630	22,7	1090	1450
38	137	42	122	685	29	1360	1820



Distributor

# Danforce

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## CONVEYANCE AND DRIVE TECHNOLOGY



Whether it is complete bucket conveyor, chain conveyors or chain drive, RUD BULKOS rises to every conveyor challenge thanks to our extensive experience with the most varied bulk materials such as cement, fertilisers, stones and soils and many others.



As the technology leader, RUD provides components and total solutions on the basis of round link steel chains and FORKY for energy generation with coal and biomass as well as in the area of recycling. Be it material supply, ash removal or cleaning scraper, RUD CRATOS offers the suitable solution.



RUD is the global original equipment manufacturer among the leading lifting equipment manufacturers. We also offer a variety of round link steel chains for different industries.



The RUD TEDCOS team is developing and manufacturing drive solutions for turning, lifting, moving, telescoping or shifting. In addition to the component program, complete solutions are also available as the TEDCOS omega and Pi drives.



RUD chain locks "Powerblock" and "dominator" are considered as benchmarks of the industrial sector throughout the world and are used in high-performance mining companies due to their high level of reliability.