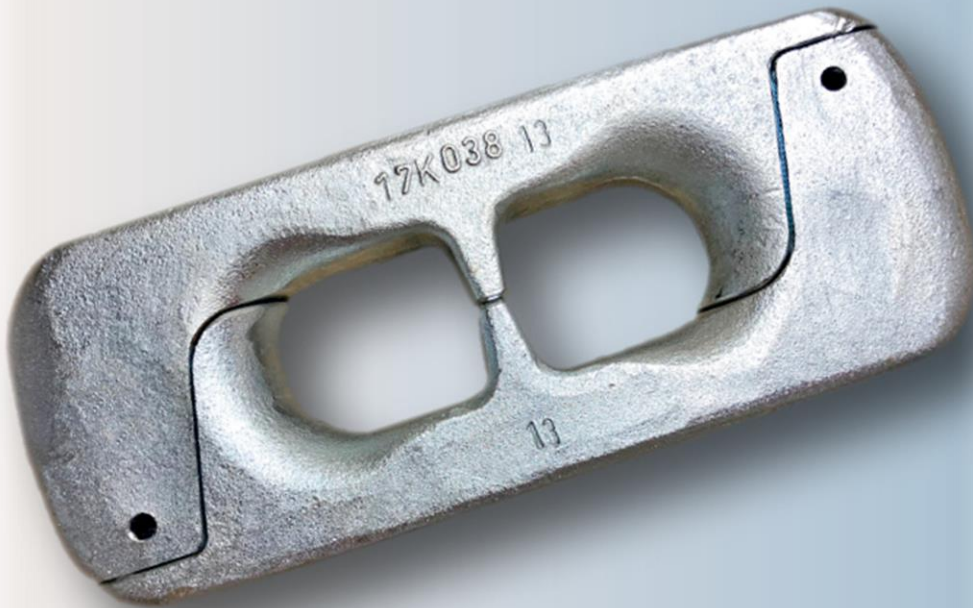


Feubo Mining Connectors

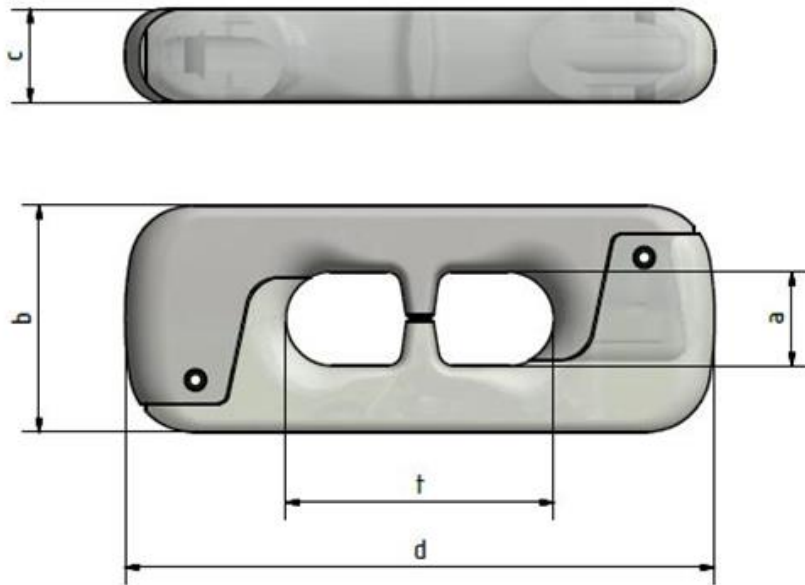
Acc. to DIN 22258-3



Patented

Mining Connectors

Available sizes



Dimensions of Mining Connectors						
Nominal size	Spacing	Inner width	Outer width	Thickness	Length	Minimum Break Load
d x t	t	a	b	c	d	kN
60 x 181	181 + / -2	62	135	64 +2 /-0	412	4520
56 x 187	187 + / -2	61	132	63 +2 /-0	380	3940
52 x 170	170 + / -2	55	126	60 +2 /-0	354	3400
48 x 152	152 + / -1,5	52	126	54 +2 /-0	328	2900
42 x 146	146 + / -1,5	45	115	44 +2 /-0	322	2500
38 x 146	146 + / -1,5	41	110	38 +2 /-0	322	2000
38 x 137	137 + / -1,4	41	110	38 +2 /-0	302	1820
38 x 126	126 + / -1,3	41	111	38 +2 /-0	282	1820

Mining Connectors

Matching hardware

- Round Link Chains acc. to DIN 22252



- Flat Type / Dual Link Chains acc. to DIN 22255



- Chain Wheel acc. to DIN 22256 (vertical)

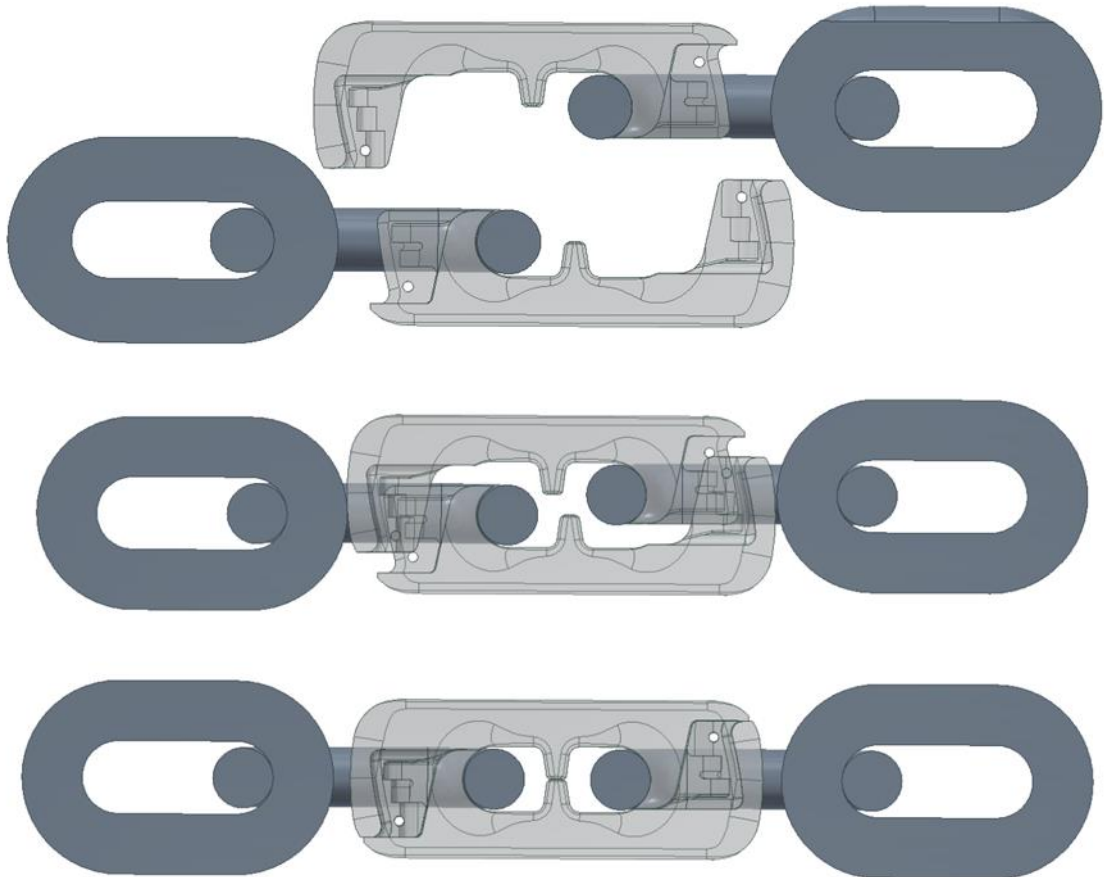


Mining Connectors

Our mining connectors are safe, easy and quick to assemble/disassemble

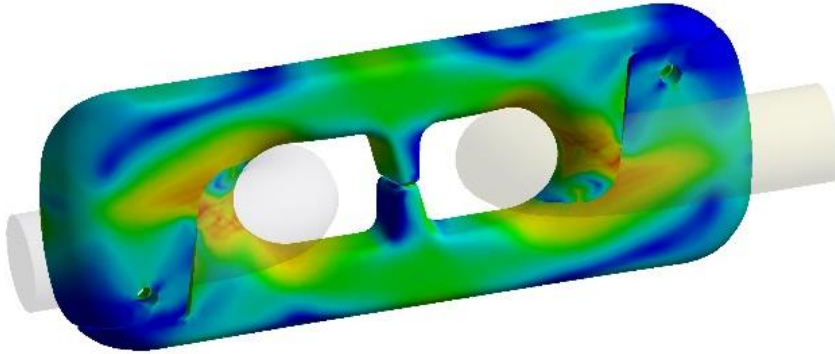


Two-step locking for short closing path

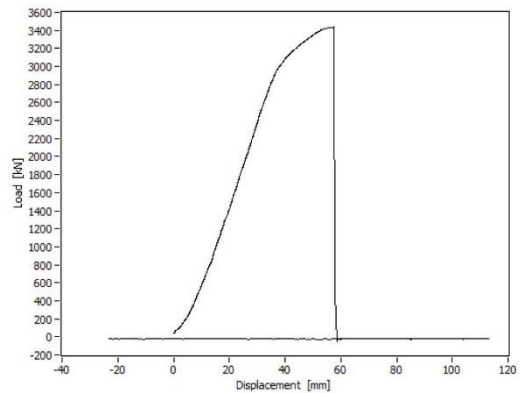


Mining Connectors

FEM Analysis



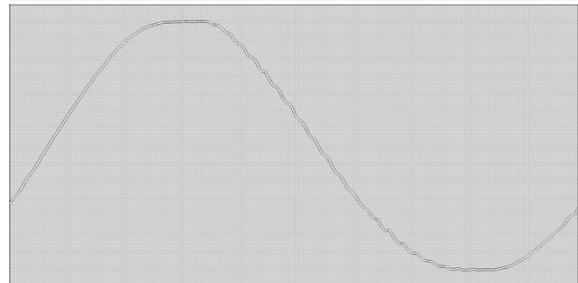
Breakload Test



Fatigue Test



F mean	543 kN
F min	181 kN
F max	905 kN



Mining Connectors

Inspection Certificate

 Schmiedestück – Vertrieb Feuerstein 											
Inspection certificate 3.1 acc. DIN EN 10204 for Blockschlösser acc. DIN 22258-3											
Inspection date	28.03.2018				Purchaser						
Supplier	Schmiedestück Vertrieb Feuerstein				PO number		Per mail				
Quantity	68				Date of order		01.08.2017				
Description	Blockschloss 48 mm				Remark		000248				
		Batch number		1							
Dimensional inspection		unit	required	measured							
splitting	t	mm	152+/-1,5	150,5							
Inner width	b ₁	mm	Min. 52	53							
Outer width	b ₂	mm	Max. 127	127							
thickness	c	mm	Max. 56	53							
Length	l	mm	Max. 347	329							
Tensile test											
Break force	BF	kN	2900	3251							
Position of fracture			Locking area								
Hardness test											
Vickers hardness		HV									
Brinell hardness		HBW	Max.405	350							
Crack test											
magnetic		EN 10228-1 QK 4		Without indications after grinding							
Impact test ISO-V notch											
Impact energy	KV	J	Min. 57	65							
Dynamic test											
test, under and over force		TF = 2170 kN		F _u = 181 kN F _o = 905 kN Frequency = 1,5 Hz							
Number of cycles	n		Min. 70000	70000							
Lage der Bruchstelle			No fracture								
Chemical composition		Heat number	C	Si	Mn	P	S	Al	Cr	Mo	Ni
%		604567	0,24	0,18	1,31	0,006	0,005	0,027	0,54	0,58	0,97
Result: requirements acc. DIN 22258-3:2015-05 fulfilled											
Remarks: delivery condition: galvanized											
marking: 17K 038, serial number											
Manufacturer's inspection representative						Purchaser's inspection representative					

Revision 0

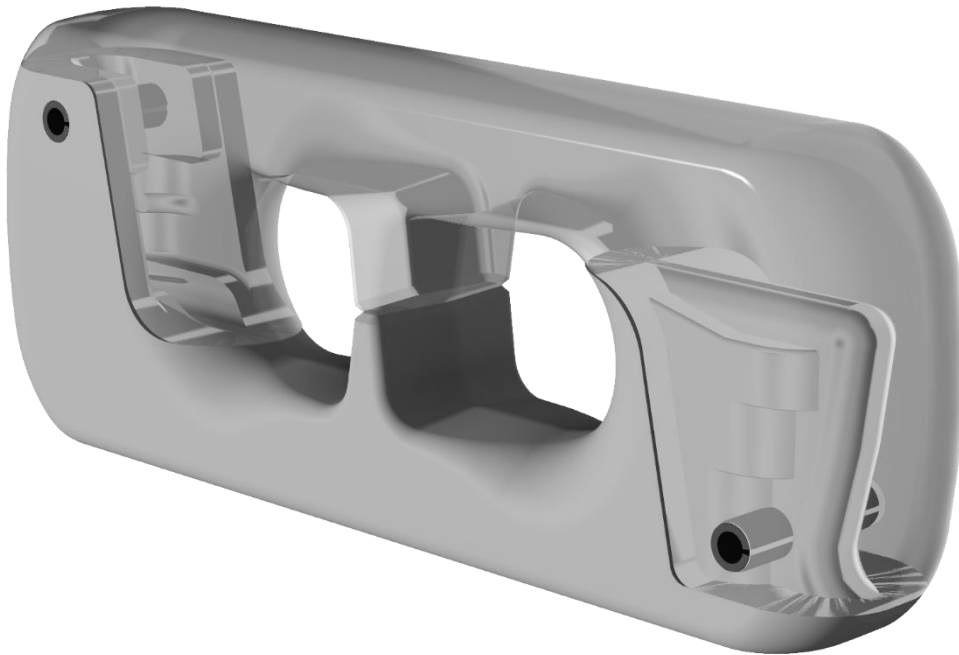
Mining Connectors

Each Connector will be Proof Loaded



Mining Connectors

Surface in Microzing



Contact

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