

Line strength calculation DIN EN 926-1:2016-02

Model:	Fuse 2	Sizes:	37 and 41
Manufacturer:	Gin Gliders Inc.	Date:	03.04.2018



Line	Line type	Break force after test	Number of lines	Level 1	Level 2	Level 3	Level 4		Level 1	Level 2	Level 3	Level 4
Upper	A											
a1	7950-080	65,0	2			130	130				X	X
a2	7950-080	65,0	2			130	130				X	X
a3	7950-080	65,0	2			130	130				X	X
a4	7950-080	65,0	2			130	130				X	X
a5	7950-080	65,0	2			130	130				X	X
a6	7950-080	65,0	2			130	130				X	X
a7	7950-080	65,0	2			130	130				X	X
a8	7950-080	65,0	2			130	130				X	X
a9	7950-080	65,0	2			130	130				X	X
a10	7950-080	65,0	2			130	130				X	X
a11	7950-080	65,0	2			130	130				X	X
a12	7950-080	65,0	2				130					X
a13	7950-080	65,0	2				130					X
a14	7950-080	65,0	2				130					X
a15	7950-080	65,0	2				130					X
a16	7950-080	65,0	2			130	130			X		X
a17	7950-080	65,0	2			130	130			X		X
a18	7950-080	65,0	2			130	130			X		X
			2									
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b8	7950-080	65,0	2		130	130
b9	7950-080	65,0	2		130	130
b10	7950-080	65,0	2		130	130
b11	7950-080	65,0	2		130	130
b12	7950-080	65,0	2			130
b13	7950-080	65,0	2			130
b14	7950-080	65,0	2			130
b15	7950-080	65,0	2			130
b16	7950-080	65,0	2		130	130
b17	7950-080	65,0	2		130	130
b18	7950-080	65,0	2		130	130
			2			
			2			
			2			
			2			
			2			
			2			
			2			
			2			

		x	x
		x	x
		x	x
		x	x
			x
			x
			x
		x	x
		x	x
		x	x

Mid						
B1	7343-190	87,5	2	175		
B2	7343-190	87,5	2	175		
B3	7343-190	87,5	2	175		
B4	7343-190	87,5	2	175		
B5	7343-140	67,8	2		135,6	
B6	7343-140	67,8	2		135,6	
B7	7343-140	67,8	2	135,6		
STB 1	7343-140	67,8	2	135,6		
STB 2	7343-140	67,8	2	135,6		
			2			
			2			
			2			
			2			
			2			
			2			
			2			

	x		
	x		
	x		
	x		
		x	
		x	
	x		
	x		
	x		

Low mid						
B1	7343-140	67,8	2	135,6		
			2			
			2			
			2			
			2			
			2			
			2			
			2			
			2			
			2			
			2			
			2			

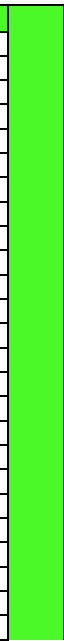
	x		

Main						
BI	7343-420	197,3	2	394,6		
BII	7343-420	197,3	2	394,6		
BIII	7343-230	120,0	2	240		
STB	TGL180	115,3	2	230,6		

x			
x			
x			
x			

Upper		C								
c1	7950-080	65,0	2		130	130			x	x
c2	7950-080	65,0	2		130	130			x	x
c3	7950-080	65,0	2		130	130			x	x
c4	7950-080	65,0	2		130	130			x	x
c5	7950-080	65,0	2		130	130			x	x
c6	7950-080	65,0	2		130	130			x	x
c7	7950-080	65,0	2		130	130			x	x
c8	7950-080	65,0	2		130	130			x	x
c9	7950-080	65,0	2		130	130			x	x
c10	7950-080	65,0	2		130	130			x	x
c11	7950-080	65,0	2		130	130			x	x
c12	7950-080	65,0	2			130				x
c13	7950-080	65,0	2			130				x
c14	7950-080	65,0	2			130				x
c15	7950-080	65,0	2			130				x
c16	7950-080	65,0	2			130				x
c17	7950-080	65,0	2			130				x
c18	7950-080	65,0	2			130				x
			2							
			2							
			2							
			2							
			2							
			2							
			2							

B



D1	7343-140	67,8	2		135,6				
D2			2						
D3			2						
D4			2						
D5			2						
D6			2						
D7			2						
D8			2						
D9			2						
D10			2						

D1	7343-230	120,0	2	240					X
DII		120,0	2	240					X
DIII			2						
DIV			2						

Upper		E									
e1	7950-080	65,0	2			130	130			X	X
e2	7950-080	65,0	2			130	130			X	X
e3	7950-080	65,0	2			130	130			X	X
e4	7950-080	65,0	2			130	130			X	X
e5	7950-080	65,0	2			130	130			X	X
e6	7950-080	65,0	2			130	130			X	X
e7	7950-080	65,0	2			130	130			X	X
e8	7950-080	65,0	2			130	130			X	X
e9			2								
e10			2								
e11			2								
e12			2								
e13			2								
e14			2								
e15			2								
e16			2								
e17			2								
e18			2								
e19			2								
e20			2								
e21			2								
e22			2								
e23			2								
e24			2								
e25			2								

High mid					
E1		2			
E2		2			
E3		2			
E4		2			
E5		2			
E6		2			
E7		2			
E8		2			
E9		2			
E10		2			
E11		2			
E12		2			
E13		2			
E14		2			
E15		2			

Low mid									
E1		2							
E2		2							
E3		2							
E4		2							
E5		2							
E6		2							
E7		2							
E8		2							
E9		2							
E10		2							

Main									
EI		2							
EII		2							
EIII		2							
EIV		2							

Enter the max Load [kg]

220,0

Fbreak L1	Fbreak L2	Fbreak L3	Fbreak L4
3489	3965,2	8896	10400
Wmax L1	Wmax L2	Wmax L3	Wmax L4
254,0	288,7	647,7	757,2

	Brake									
level 1	TGL400	206,9	2	413,8			X			
level 2	7343-140	67,8	6		406,8			X		
level 3	7343-140	67,8	12			813,6			X	
level 4	7950-080	65,0	24						X	

Fbreak L1	Fbreak L2	Fbreak L3	Fbreak L4
413,8	406,8	813,6	1560

Enter the strength of the connection between the handle and the first level of line [daN]

80