

Manufacturer	Model	Size	Max weight (kg)	Max weight (DaN)	Max weight (DaN) * 140	Level 1 tot. strength (DaN)	Level 2 tot. strength (DaN)	Level 3 tot. strength (DaN)
Nabla	Tea4two	42	220	215,82	3021,48	3524,4	6576,8	12256,4

Code	Reference	Bending strength (DaN)	Code	Reference	Bending strength (DaN)	Code	Reference	Bending strength (DaN)	Code	Reference	Bending strength (DaN)
Level 1			Level 2			Level 3			Level 4		
			A1.1	PPSL.S 200	191,7	A3.1	DC120	128			
			A1.2	PPSL.S 200	191,7	A3.2	DC120	128			
			A1.3	PPSL.S 200	191,7	A3.3	DC120	128			
			A1.4	PPSL.S 200	191,7	A3.4	DC120	128			
			A1.5	PPSL.S 180	165,8	A3.5	DC120	128			
			A1.6	PPSL.S 180	165,8	A3.6	DC120	128			
			A1.7	PPSL.S 180	165,8	A3.7	DC120	128			
			A1.8	PPSL.S 125	105	A3.8	DC120	128			
			A1.9	PPSL.S 125	105	A3.9	DC120	128			
			A1.10	PPSL.S 125	105	A3.10	DC120	128			
			A1.11	PPSL.S 125	105	A3.11	DC120	128			
			A1.12	PPSL.S 125	105	A3.12	DC120	128			
			A1.13	PPSL.S 125	105	A3.13	DC120	128			
			B2.1	PPSL.S 200	191,7	B3.1	DC120	128			
			B2.2	PPSL.S 200	191,7	B3.2	DC120	128			
			B2.3	PPSL.S 200	191,7	B3.3	DC120	128			
			B2.4	PPSL.S 180	165,8	B3.4	DC120	128			
			B2.5	PPSL.S 180	165,8	B3.5	DC120	128			
			B2.6	PPSL.S 180	165,8	B3.6	DC120	128			
			B2.7	PPSL.S 180	165,8	B3.7	DC120	128			
			B2.8	PPSL.S 125	105	B3.8	DC120	128			
			B2.9	PPSL.S 125	105	B3.9	DC120	128			
			B2.10	PPSL.S 125	105	B3.10	DC120	128			
			B2.11	PPSL.S 125	105	B3.11	DC120	128			
			B2.12	PPSL.S 125	105	B3.12	DC120	128			
			B2.13	PPSL.S 125	105	B3.13	DC120	128			
			C2.1	PPSL.S 125	105	C3.1	DC120	128			
			C2.2	PPSL.S 125	105	C3.2	DC120	128			
			C2.3	PPSL.S 125	105	C3.3	DC120	128			
			C2.4	PPSL.S 125	105	C3.4	DC120	128			
			C2.5	PPSL.S 125	105	C3.5	DC120	128			
			C2.6	PPSL.S 125	105	C3.6	DC120	128			
			C2.7	PPSL.S 125	105	C3.7	DC120	128			
			C2.8	PPSL.S 125	105	C3.8	DC120	128			
			C2.9	PPSL.S 125	105	C3.9	DC120	128			
			C2.10	PPSL.S 125	105	C3.10	DC120	128			
			C2.11	PPSL.S 125	105	C3.11	DC120	128			
			C2.12	PPSL.S 125	105	C3.12	DC120	128			
			C2.13	PPSL.S 125	105	C3.13	DC120	128			
			D2.1	PPSL.S 125	105	D3.1	8000U-090	59,8	D4.1	8000U-090	59,8
			D2.2	PPSL.S 125	105	D3.2	8000U-090	59,8	D4.2	8000U-090	59,8
			D2.3	PPSL.S 125	105	D3.3	8000U-090	59,8	D4.3	8000U-090	59,8
			D2.4	PPSL.S 125	105	D3.4	8000U-090	59,8	D4.4	8000U-090	59,8
			D2.5	PPSL.S 125	105	D3.5	8000U-090	59,8	D4.5	8000U-090	59,8
			D2.6	PPSL.S 125	105	D3.6	8000U-090	59,8	D4.6	8000U-090	59,8
			D2.7	PPSL.S 125	105	D3.7	8000U-090	59,8	D4.7	8000U-090	59,8
			D2.8	PPSL.S 125	105	D3.8	8000U-090	59,8	D4.8	8000U-090	59,8
			D2.9	PPSL.S 125	105	D3.9	8000U-090	59,8	D4.9	8000U-090	59,8
			D2.10	PPSL.S 125	105	D3.10	8000U-090	59,8	D4.10	8000U-090	59,8
			D2.11	PPSL.S 125	105	D3.11	8000U-090	59,8			
			D2.12	PPSL.S 125	105	D3.12	8000U-090	59,8			
			D2.13	PPSL.S 125	105	D3.13	8000U-090	59,8			
			connected to D3.1			E4.1					
			connected to D3.2			E4.2					
			connected to D3.3			E4.3					
			connected to D3.4			E4.4					
			connected to D3.5			E4.5					
			connected to D3.6			E4.6					
			connected to D3.7			E4.7					
			connected to D3.8			E4.8					
			connected to D3.9			E4.9					
			connected to D3.10			E4.10					
			S3.1	8000U-090	59,8	S3.1	8000U-090	59,8			
			S3.2	8000U-090	59,8	S3.2	8000U-090	59,8			
			S3.3	8000U-090	59,8	S3.3	8000U-090	59,8			
			S3.4	8000U-090	59,8	S3.4	8000U-090	59,8			
			S3.5	8000U-090	59,8	S3.5	8000U-090	59,8			
			S3.6	8000U-090	59,8	S3.6	8000U-090	59,8			
Level 1			Level 2			Level 3			Level 4		
Sum: (DaN)	3524,4		Sum: (DaN)	6576,8		Sum: (DaN)	12256,4		Sum: (DaN)	1984	

DHV calculation					
Sum A + B: (DaN)	2047,6	Sum A + B: (DaN)	3700	Sum A + B: (DaN)	6656
8x STARTGEW. (DaN)	1744,16				
Sum C + D + E: (DaN)	1476,8	Sum C + D + E: (DaN)	2878,8	Sum C + D + E: (DaN)	5600,4
6x STARTGEW. (DaN)	1308,12				

Code	Reference	Bending strength (DaN)	Code	Reference	Bending strength (DaN)	Code	Reference	Bending strength (DaN)	Code	Reference	Bending strength (DaN)
Level 1			Level 2			Level 3			Level 4		
			R1.1	7343-140	76,8	R2.1	7343-090	47,2	R3.1	7343-090	47,2
						R2.2	7343-090	47,2	R3.2	7343-090	47,2
			R1.2	7343-140	76,8				R3.3	7343-090	47,2
						R2.3	7343-090	47,2	R3.4	7343-090	47,2
									R3.5	7343-090	47,2
						R2.4	7343-090	47,2	R3.6	7343-090	47,2
									R3.7	7343-090	47,2
			R1.3	7343-140	76,8				R3.8	7343-090	47,2
						R2.5	7343-090	47,2	R3.9	7343-090	47,2
									R3.10	7343-090	47,2
									R3.11	7343-090	47,2
						R2.6	7343-090	47,2	R3.12	7343-090	47,2
									R3.13	7343-090	47,2
Level 1			Level 2			Level 3			Level 4		
Sum: (DaN)	150		Sum: (DaN)	460,8		Sum: (DaN)	566,4		Sum: (DaN)	1227,2	

Ref:	Material	Manufacturer	Ø [mm]	nom. [daN]	after 5000 c.
DC120	Dyneema	Liros	0,80	120	128,0
PPSL.S 125	Dyneema	Liros	1,10	125	105,0
PPSL.S 180	Dyneema	Liros	1,20	180	165,8
PPSL.S 200	Dyneema	Liros	1,30	200	191,7
8000U-070	Aramid	Edelrid	0,70	70	39,4
8000U-090	Aramid	Edelrid	0,80	90	59,8
7343-090	Aramid	Edelrid	1,20	90	47,2
7343-140	Aramid	Edelrid	1,30	140	76,8
7343-190	Aramid	Edelrid	1,50	190	87,6
7343-280	Aramid	Edelrid	1,80	230	140,8
7343-340	Aramid	Edelrid	2,10	280	153,3
7343-340 Br	Aramid	Edelrid	2,10	280	75,0
7343-420	Aramid	Edelrid	2,30	280	217,8

more than 7