Dlubal Software s.r.o. Anglická 28 Praha, 120 00

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Model:	Test





Section Analysis

CLIENT

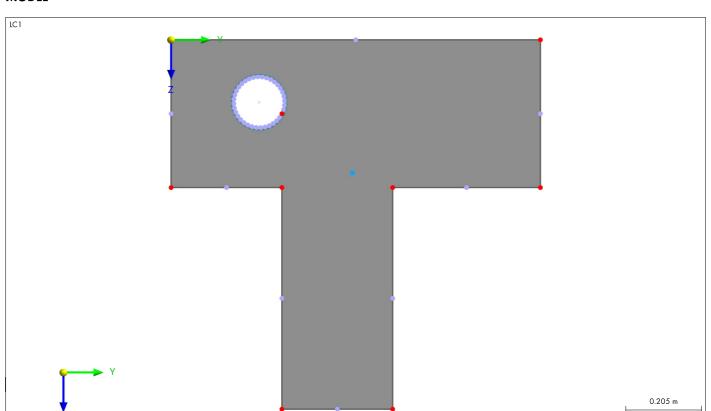
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PROJECT

CREATED BY

MODEL



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Basic Objects

1.1 MATERIALS

1

Material		Properties	Properties						
No.		Name	Symbol	Value	Unit				
2	C20/25 Isotropic	Linear Elastic							
	Concrete	Modulus of elasticity	E	30000.0	N/mm ²				
		Shear modulus	G	12500.0	N/mm ²				
		Poisson's ratio	v	0.200	_				
		Specific weight	γ	25.00	kN/m³				
		Mass density	ρ	2500.00	kg/m³				
		Coefficient of thermal expansion	α	0.000010	1/°C				

1.2 POINTS

Legend Generated

Point		Reference	Coordinate	Coordin	nates		
No.	Point Type	Point	Type	Y [mm]	Z [mm]	Options	Comment
1	Standard	_	Cartesian	0.0	0.0		
2	Standard	_	Cartesian	0.0	400.0		
3	Standard	_	Cartesian	300.0	400.0		
4	Standard	_	Cartesian	300.0	1000.0		
5	Standard	_	Cartesian	600.0	1000.0		
6	Standard	_	Cartesian	600.0	400.0		
7	Standard	_	Cartesian	1000.0	400.0		
8	Standard	-	Cartesian	1000.0	0.0		
10	Standard	_	Cartesian	300.0	200.0	û	

1.3 LINES

Legend / Points on Line

Line			Line Length		
No.	Points No.	Line Type	L [mm]	Options	Comment
1	1-8,1	Polyline	4000.0	/	
2	10	Circle	432.6	1	

1.4 PARTS

Legend
• Integrated Objects

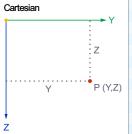
Part	Boundary	Geometry	Material	Integrated	Area	Mass	Center o	f Gravity	
No.	Lines No.	Type	No.	Openings No.	A [cm²]	M [kg/m]	Y _c [mm]	Z _c [mm]	Options
1	1	Roundary lines	2	1	5651.08	1/12 8	/Q1 N	360 1	4b

1.5 OPENINGS

Opening No.	Boundary Lines	Parts No.	Area A [cm²]	Center of Yc [mm]	Opening Z _c [mm]	Comment
				~ L .	~ L _ J	
1	2	1	148.92	238.5	169.0	

1.6 STRESS POINTS

Legend
Generated
On Line



SP			Reference	Coordinate	Coord	inates			
No.	Point Type	SP	Line/Element	Туре	Y [mm]	Z [mm]	Part No.	Element No.	Options
1	Standard	_		Cartesian	0.0	0.0	1		
2	On Line		1	Cartesian	500.0	0.0	1	_	4 6
3	On Line		1	Cartesian	1000.0	0.0	1	-	4 û
4	On Line		2	Cartesian	234.6	100.3	1	_	4 6
5	On Line		2	Cartesian	246.6	100.7	1	_	- 6
6	On Line		2	Cartesian	222.7	102.0	1	_	4 6
7	On Line		2	Cartesian	258.3	103.1	1	-	🖶 👸
8	On Line		2	Cartesian	211.3	105.8	1	_	4 û
9	On Line		2	Cartesian	269.5	107.5	1	_	- 6
10	On Line		2	Cartesian	200.8	111.5	1	_	4 6
11	On Line		2	Cartesian	279.7	113.9	1	_	- 6
12	On Line		2	Cartesian	191.3	118.9	1	_	4 6
13	On Line		2	Cartesian	288.6	121.8	1	_	4 6
14	On Line		2	Cartesian	183.3	127.8	1	_	- 6
15	On Line		2	Cartesian	296.1	131.3	1	_	- 6
16	On Line		2	Cartesian	177.0	138.0	1	_	- 6
17	On Line		2	Cartesian	301.8	141.8	1	_	- 6
18	On Line		2	Cartesian	172.6	149.2	1	_	4 6
19	On Line		2	Cartesian	305.5	153.2	1	_	- 6
20	On Line		2	Cartesian	170.1	160.9	1	_	4 6
21	On Line		2	Cartesian	307.2	165.1	1	_	4 6
22	On Line		2	Cartesian	169.8	172.9	1	_	4 6
23	On Line		2	Cartesian	306.9	177.1	1	-	4 û

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1.6 **STRESS POINTS**

SP		F	Reference	Coordinate	Coord	linates			
No.	Point Type	SP	Line/Element	Туре	Y [mm]	Z [mm]	Part No.	Element No.	Options
24	On Line		2	Cartesian	171.5	184.8	1	-	4 6
25	On Line		2	Cartesian	304.4	188.9	1	_	4 6
26	On Line		2	Cartesian	175.3	196.2	1	-	4 û
27	On Line		1	Cartesian	0.0	200.0	1	_	4 û
28	On Line		2	Cartesian	300.0	200.0	1	-	4 6
29	On Line		1	Cartesian	1000.0	200.0	1	_	4 6
30	On Line		2	Cartesian	180.9	206.8	1	-	4 û
31	On Line		2	Cartesian	293.7	210.2	1	_	4 6
32	On Line		2	Cartesian	188.4	216.2	1	-	4 6
33	On Line		2	Cartesian	285.7	219.2	1	_	4 6
34	On Line		2	Cartesian	197.3	224.2	1	-	4 6
35	On Line		2	Cartesian	276.3	226.6	1	_	4 6
36	On Line		2	Cartesian	207.5	230.5	1	-	4 6
37	On Line		2	Cartesian	265.7	232.3	1	_	4 6
38	On Line		2	Cartesian	218.7	235.0	1	-	⊕ 6
39	On Line		2	Cartesian	254.3	236.0	1	_	4 6
40	On Line		2	Cartesian	230.4	237.4	1	-	4 6
41	On Line		2	Cartesian	242.4	237.8	1	_	4 6
42	Standard	_		Cartesian	491.0	360.1	1	-	ů.
43	On Line		1	Cartesian	0.0	400.0	1	_	4 6
44	On Line		1	Cartesian	150.0	400.0	1	-	4 6
45	On Line		1	Cartesian	300.0	400.0	1	_	4 6
46	On Line		1	Cartesian	600.0	400.0	1	-	4 6
47	On Line		1	Cartesian	800.0	400.0	1	-	4 6
48	On Line		1	Cartesian	1000.0	400.0	1	-	4 6
49	On Line		1	Cartesian	300.0	700.0	1	-	4 6
50	On Line		1	Cartesian	600.0	700.0	1	_	4 6
51	On Line		1	Cartesian	300.0	1000.0	1	_	4 û
52	On Line		1	Cartesian	450.0	1000.0	1	_	4 6
53	On Line		1	Cartesian	600.0	1000.0	1	-	4 A

2 **Load Cases & Combinations**

2.1 **LOAD CASES**

LC No.	Action Category	To Solve
INO.	Action Category	10 Soive
1	CEI Permanent	

3 **Internal Forces**

3.1.1.1 **INTERNAL FORCES**

Force

Symbol Value Unit Description No. Load Case CE LC1 Member No. 1 y,z 0.000 10.000 System of Internal Forces Location x X N Vy Vz Vu Vv Mxp Mxs Mt My Mz Mu m kN Axial Force N Shear Force V_y kN 20.000 30.000 30.251 kN kN Shear Force V_z Shear Force V_{u} Shear Force V_{ν} 19.619 kΝ Torsional Moment M_{xp} kNm1.00 2.00 kNm Torsional Moment M_{xs} Sum of Torsional Moments 3.00 kNm

4 **Stresses**

LC1: G

kNm

kNm

kNm

kNm

kNm²

15.00

50.00

33.59

39.96

10.00

M_ν M_ω

Bending Moment My

Bending Moment Mz

Bending Moment Mu

Bending Moment M_v

Bimoment M_{ω}

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4.1 STRESS CONFIGURATION

Enabled	Stress Type	Limit Stress	User-Defined Limit Stress [N/mm²]
	σ _x (N)	Limit Normal Stress	
	σ_{x} (N _c)	Limit Normal Stress	
	$\sigma_{x}(N_{t})$	Limit Normal Stress	
	$\sigma_{x} (M_{y})$	Limit Normal Stress	
	$\sigma_{x}(M_{y,c})$	Limit Normal Stress	
	$\sigma_{x}(M_{y,t})$	Limit Normal Stress	
H	σ_{x} (M _z)	Limit Normal Stress	
	$\sigma_x (M_{z,c})$	Limit Normal Stress	
	$\sigma_x (M_{z,t})$	Limit Normal Stress	
		Limit Normal Stress	
	$\sigma_{x}(M_{u})$	Limit Normal Stress	
	σ_{x} (M _{u,c})		
	σ_{x} (M _{u,t})	Limit Normal Stress	
	σ_{x} (M _v)	Limit Normal Stress	
	σ_{x} (M _{v,c})	Limit Normal Stress	
	σ_{x} (M _{v,t})	Limit Normal Stress	
	$\sigma_{x}(p_{i})$	Limit Normal Stress	
	σ_{x} (M_{ω})	Limit Normal Stress	
	$\sigma_{x} (N + M_{y})$	Limit Normal Stress	
	$\sigma_x (N_c + M_{y,c})$	Limit Normal Stress	
	$\sigma_{x} \left(N_{t} + M_{y,t} \right)$	Limit Normal Stress	
	$\sigma_{x} (N + M_{z})$	Limit Normal Stress	
	$\sigma_x (N_c + M_{z,c})$	Limit Normal Stress	
		Limit Normal Stress	
	$\sigma_{x} (N_{t} + M_{z,t})$		
	$\sigma_{x} (N + M_{u})$	Limit Normal Stress	
	$\sigma_x (N_c + M_{u,c})$	Limit Normal Stress	
	$\sigma_x (N_t + M_{u,t})$	Limit Normal Stress	
	$\sigma_x (N + M_v)$	Limit Normal Stress	
	$\sigma_x (N_c + M_{v,c})$	Limit Normal Stress	
	$\sigma_x (N_t + M_{v,t})$	Limit Normal Stress	
	$\sigma_x (M_y + M_z)$	Limit Normal Stress	
	$\sigma_x (M_{y,c} + M_{z,c})$	Limit Normal Stress	
	$\sigma_{x} \left(M_{y,t} + M_{z,t} \right)$	Limit Normal Stress	
	$\sigma_{x} (M_{u} + M_{v})$	Limit Normal Stress	
	$\sigma_x (M_{u,c} + M_{v,c})$	Limit Normal Stress	
	$\sigma_x (M_{u,t} + M_{v,t})$	Limit Normal Stress	
		Limit Normal Stress	
_ =	$\sigma_{x} (N + M_{y} + M_{z})$		
	$\sigma_x (N_c + M_{y,c} + M_{z,c})$	Limit Normal Stress	
	$\sigma_x (N_t + M_{y,t} + M_{z,t})$	Limit Normal Stress	
	$\sigma_{x} (N + M_{u} + M_{v})$	Limit Normal Stress	
	$\sigma_x (N_c + M_{u,c} + M_{v,c})$	Limit Normal Stress	
	$\sigma_x \left(N_t + M_{u,t} + M_{v,t} \right)$	Limit Normal Stress	
\boxtimes	$\sigma_{x,tot}$	Limit Normal Stress	
	$\sigma_t(p_i)$	Limit Normal Stress	
	T (V _y)	Limit Shear Stress	
	T (V _z)	Limit Shear Stress	
	T (V _u)	Limit Shear Stress	
	1 1 1	Limit Shear Stress	
	T (V _V)		
	T _{St.Venant} (M _T)	Limit Shear Stress	
	T _{Bredt} (M _T)	Limit Shear Stress	
	T (M _{T,pri})	Limit Shear Stress	
	T (M _{T,sec})	Limit Shear Stress	
	т (M _T)	Limit Shear Stress	
	$T(V_y + V_z)$	Limit Shear Stress	
	$T(V_u + V_v)$	Limit Shear Stress	
	$\tau (V_y + V_z + M_T)$	Limit Shear Stress	
	$T(V_u + V_v + M_T)$	Limit Shear Stress	
	T _{tot}	Limit Shear Stress	
\boxtimes			
	σ _{eqv,von Mises}	Limit Equivalent Stress	
	Oeqv,von Mises,mod	Limit Equivalent Stress	
	σ _{eqv,Tresca}	Limit Equivalent Stress	

4.2 STRESS CALCULATION SETTINGS

Description	Symbol	Value	Unit
Modify von Mises equivalent stress			
Factor for σ_x	k _{σ,x}	1.00	-
Factor for T	k _r	3.00	_

5 Results

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5.1 SECTION PROPERTIES

Description Sectional Area	Symbol	Value	Unit	Comment
Sectional Area	^	ECE4 07	om²	
Sectional area	A	5651.27	cm ²	
Geometric sectional area	Ageom	5651.27	uir	
Den din s				
Bending				
Location of centroidal axis in y-direction	e _y	491.0	mm	relative to zero point
Location of centroidal axis in z-direction	e z	360.1		relative to zero point
Area moment of inertia about y-axis	l _y	4122056.90		
Area moment of inertia about z-axis	l _z	3405330.75	cm ⁴	
Product of inertia about y,z-axes	lyz	-380234.15	cm ⁴	
Area moment of inertia about u-axis	l _u	4286239.97	cm ⁴	
Area moment of inertia about v-axis	l _v	3241147.66	cm ⁴	
Polar area moment of inertia	I _p	7527387.65		
Polar area moment of inertia with respect to shear center	I _{p,SC}	8275543.96		
Inclination of principal axes	α	23.35		
Radius of gyration about y-axis	iy	270.1		
Radius of gyration about z-axis	i _z	245.5		
Radius of gyration about y,z-axes	i _{yz}	82.0		
Radius of gyration about u-axis	iu .	275.4		
Radius of gyration about v-axis	İv	239.5		
Polar radius of gyration	i _p	365.0		
Polar radius of gyration with respect to shear center	i _{p,SC}	382.7		
Elastic section modulus about y-axis	W _{y,min}	-98330.98	cm ³	
Elastic section modulus about y-axis	W _{y,max}	62561.63	cm ³	
Elastic section modulus about z-axis	W _{z,min}	-64295.65		
Elastic section modulus about z-axis	W _{z,max}	65730.57		
Elastic section modulus about u-axis	W _{u,min}	-80518.66		
Elastic section modulus about u-axis	W _{u,max}	64629.04		
Elastic section modulus about v-axis	W _{v,min}	-54614.82		
Elastic section modulus about v-axis	W _{v,max}	67078.83		
Elastic section modulus about y-axis	Wy	62561.63		
Elastic section modulus about z-axis	Wz	64295.65	cm ³	
Elastic section modulus about u-axis	Wu	64629.04	cm ³	
Elastic section modulus about v-axis	W _v	54614.82	cm ³	
Shear				
Shear area in y-direction	Ay	3562.24	cm ²	
Shear area in z-direction	A _z	2950.01		
Shear area in u-direction	A _u	3495.62		
Shear area in v-direction	A,	3016.64		
Shear center coordinate with respect to centroid in y-direction	ysc	-33.5		
Shear center coordinate with respect to centroid in z-direction	Z _{SC}	-110.1		
Shear center coordinate with respect to centroid in u-direction	USC	-74.4		
Shear center coordinate with respect to centroid in v-direction	Vsc	-87.8	mm	
Torsion				
Torsional constant	l _t	2392146.44	cm ⁴	
Section modulus for torsion	W _t	22671.49	cm ³	
Warping				
Warping ordinate with respect to shear center	max ω	957.24	cm ²	
Warping constant with respect to shear center	Iω	4.77e+08		
, , ,	iω	75.9		
Warping radius of gyration with respect to shear center				
Warping section modulus with respect to shear center	W_{ω}	497916.29	uii.	
0.15				
Stability				
Section asymmetry parameter with respect to centroid	r _y	96.0	mm	
Section asymmetry parameter with respect to centroid	r _z	10.2	mm	
Section asymmetry parameter with respect to centroid	r _u	84.1		
Section asymmetry parameter with respect to centroid	r _v	47.5		
Section asymmetry parameter with respect to shear center	r _{y,SC}	77.3		
Section asymmetry parameter with respect to shear center	ry,sc rz,sc	316.2		
Section asymmetry parameter with respect to shear center		21.8		
• • • • • • • • • • • • • • • • • • • •	r _{u,SC}			
Section asymmetry parameter with respect to shear center	r _{v,SC}	312.8		
Auxiliary parameter for warping with respect to shear center	r _{ω,SC}	0.009	-	
Plasticity				
Plastic section modulus about y-axis	$W_{pl,y}$	197460.82	cm ³	
Plastic section modulus about z-axis	W _{pl,z}	266146.49	cm ³	
Plastic section modulus about u-axis	W _{pl,u}	286769.65		
Plastic section modulus about v-axis	W _{pl,v}	322609.73		
Plastic shape factor about y-axis		3.156		
	α _{pl,y}			
Plastic shape factor about z-axis	α _{pl,z}	4.139		
Plastic shape factor about u-axis	α _{pl,u}	4.437		
Plastic shape factor about v-axis	α _{pl,v}	5.907		
District Control of the state of the first Control of the state of the	1.0	-568.3	mm	
Distance from centroid to plastic neutral axis in u-direction	u _{pl}	-500.5		

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RESULTS										

5.1 SECTION PROPERTIES

Finite Element Analysis

Description	Symbol	Value	Unit	Comment
Other				
Weight	G	1412.8	kg/m	
Surface area per unit length	A _m	4.000	m²/m	
Volume	V	565127.39	cm ³ /m	
Section factor	A _m /V	7.078	1/m	

5.2 UNIT NORMAL STRESSES

Finite Element Analysis

Stress Point No.	σ_x (N = 1 kN) [N/m ²]	σ_x (M _y = 1 kNm) [N/m ²]	σ_x (M _z = 1 kNm) [N/m ²]	σ_x (M _u = 1 kNm) σ_x (M _v = 1 kNm) [N/m ²] [N/m ²]		σ_x (M _{ω} = 1 kNm ²) [N/m ²]	
1	1769.5	-10169.9	15552.8	-3173.3	18309.8	-77989.6	
2	1769.5	-8801.4	717.2	-7796.5	4146.6	21559.6	
3	1769.5	-7432.9	-14118.5	-12419.6	-10016.6	102124.8	
4	1769.5	-7069.5	8317.6	-3194.2	10438.3	-22798.2	
5	1769.5	-7027.8	7960.7	-3297.4	10094.1	-18465.1	
6	1769.5	-7059.8	8665.3	-3047.5	10753.6	-26302.4	
7	1769.5	-6935.8	7605.4	-3353.7	9731.4	-13648.0	
8	1769.5	-6998.8	8993.2	-2861.5	11030.5	-28645.3	
9	1769.5	-6796.3	7262.4	-3361.6	9361.2	-8773.4	
10	1769.5	-6888.4	9291.2	-2642.1	11260.4	-29615.9	
11	1769.5	-6613.6	6942.3	-3320.7	8994.9	-4304.9	
12	1769.5	-6732.0	9 550.5	-2395.8	11436.5	-29225.4	
13	1769.5	-6393.3	6654.7	-3232.4	8643.6	-502.8	
14	1769.5	-6534.4	9763.0	-2130.1	11553.3	-27663.2	
15	1769.5	-6142.0	6408.4	-3099.3	8317.8	2407.7	
16	1769.5	-6301.5	9922.4	-1853.1	11607.3	-25066.2	
17	1769.5	-5867.3	6210.9	-2925.4	8027.6	4264.6	
18	1769.5	-6040.4	10023.8	-1573.2	11596.9	-21763.4	
19	1769.5	-5577.7	6068.1	-2716.0	7781.7	5144.1	
20	1769.5	-5759.0	10064.1	-1298.9	11522.4	-18052.5	
21	1769.5	-5281.8	5984.4	-2477.6	7587.7	5080.4	
22	1769.5	-5466.0	10042.0	-1038.6	11386.0	-14159.3	
23	1769.5	-4988.8	5962.4	-2217.3	7451.3	4373.3	
24	1769.5	-5170.2	9958.4	-800.1	11 191.9	-10344.1	
25	1769.5	-4707.4	6002.7	-1943.0	7376.8	3254.2	
26	1769.5	-4880.5	9815.6	-590.8	10946.0	-6795.3	
27	1769.5	-5267.4	15005.4	1110.8	15864.3	17613.5	
28	1769.5	-4446.3	6104.0	-1663.1	7366.4	1961.4	
29	1769.5	-2530.4	-14665.9	-8135.6	-12462.1	-33629.3	
30	1769.5	-4605.8	9 618.0	-416.9	10655.8	-3713.6	
31	1769.5	-4213.4	6263.4	-1386.1	7420.4	762.1	
32	1769.5	-4354.5	9371.7	-283.8	10330.1	-1232.0	
33	1769.5	-4015.8	6476.0	-1120.4	7537.2	-106.9	
34	1769.5	-4134.2	9084.1	-195.5	9978.7	552.2	
35	1769.5	-3859.4	6735.2	-874.1	7713.2	-542.4	
36	1769.5	-3951.5	8764.0	-154.6	9612.4	1537.0	
37	1769.5	-3749.0	7033.3	-654.6	7943.2	-444.5	
38	1769.5	-3812.0	8421.1	-162.5	9242.3	1790.2	
39	1769.5	-3688.1	7361.2	-468.7	8220.0	53.3	
40	1769.5	-3720.0	8065.8	-218.8	8879.6	1465.0	
41	1769.5	-3678.3	7708.8	-322.0	8535.4	771.5	
42	1769.5	0.2	-0.3	0.1	-0.3	1313.1	
43	1769.5	-365.0	14458.0	5394.8	13418.8	114752.1	
44	1769.5	45.5	10007.3	4007.9	9169.8	98095.3	
45	1769.5	456.1	5556.6	2620.9	4920.9	5667.0	
46	1769.5	1277.2	-3344.8	-153.0	-3577.0	-6115.9	
47	1769.5	1824.6	-9279.0	-2002.2	-9242.3	-135497.3	
48	1769.5	2372.0	-15213.3	-3851.5	-14907.6	-169299.4	
49	1769.5	7809.8	4735.5	9047.0	1252.6	-132820.8	
50	1769.5	8630.9	-4165.9	6273.1	-7245.3	143751.1	
51	1769.5	15163.4	3914.4	15473.1	-2415.6	-174813.1	
52	1769.5	15574.0	-536.3	14086.2	-6664.6	10145.4	
53	1769.5	15984.5	-4987.0	12699.2	-10913.5	195103.9	

5.3 UNIT SHEAR STRESSES

Stress	s V _y = 1 kN		s V _y = 1 kN		kN $V_z = 1 \text{ kN}$ $V_u = 1 \text{ kN}$		V _v = 1 kN		$M_{x,p} = 1 \text{ kNm}$		M _{x,s} = 1 kNm	
Point No.	т _{ху} [N/m ²]	т _{хг} [N/m ²]	т _{ху} [N/m²]	т _{хг} [N/m²]	т _{хи} [N/m ²]	т _{хv} [N/m ²]	т _{хи} [N/m ²]	т _{хv} [N/m²]	т _{ху} [N/m²]	т _{хг} [N/m²]	т _{ху} [N/m²]	т _{хг} [N/m ²]
1	-16.1	-38.1	-20.6	9.4	-33.4	-19.6	-2.1	26.8	948.6	-2518.4	171.0	-644.7
2	3368.6	8.8	33.0	14.2	2856.9	-1218.3	-1194.1	525.9	15986.2	-6835.7	-1154.5	569.4
3	25.2	1.9	0.6	22.1	25.6	0.4	-0.9	21.7	21 5 9.2	885.7	517.5	559.2
4	5464.3	-181.0	1050.6	-41.4	4916.0	-2320.9	-1089.3	506.9	12021.5	-5956.2	-252.4	166.1
5	5599.5	602.5	1368.7	162.8	5462.8	-1685.3	-919.1	299.5	12252.2	-3818.6	-1849.9	4 7 9.1
6	5018.7	-1144.1	747.6	-147.6	4063.0	-2961.6	-1070.0	808.1	10542.9	-7797.9	889.5	-866.6
7	5495.9	1 <mark>63</mark> 0.1	16 04.6	507.9	5889.4	-692.9	-718.4	114.3	11666.5	-1607.0	-3095.6	254.6

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5.3 UNIT SHEAR STRESSES

Finite Element Analysis

Stress	V _v = 1	kN	V _z = '	1 kN	V _u = 1	l kN	V _v = 1	1 kN	M _{x,p} = '	1 kNm	$M_{x,s} = 1$	l kNm
Point No.	т _{ху} [N/m²]	т _{хz} [N/m²]	т _{ху} [N/m²]	т _{хz} [N/m²]	т _{хи} [N/m²]	т _{ху} [N/m²]	т _{хи} [N/m²]	т _{ху} [N/m²]	т _{ху} [N/m²]	т _{хz} [N/m ²]	т _{ху} [N/m²]	т _{хг} [N/m²]
8	4300.5	-1768.3	404.1	-116.9	3110.2	-3161.4	-989.0	1073.3	8683.2	-8922.4	1881.7	-2437.0
9	4811.6	2426.2	1722.5	885.8	5704.5	346.1	-357.6	-7.1	9683.4	593.7	-4050.3	-277.6
10	3440.2	-2206.4	52.0	-8.2	2114.6	-3122.7	-864.4	1317.3	6336.7	-9379.5	2700.1	-4303.3
11	3958.3	2996.2	1703.0	1354.0	5 259.1	13 10.5	17.3	53.2	7059.5	1241.1	-4558.2	-1246.0
12	2508.0	-2242.7	-248.6	260.9	1248.6	-2669.0	-674.9	1520.3	4067.2	-9136.3	2797.4	-6566.5
13	2907.2	3201.8	15 80.5	1811.3	4475.2	2051.9	430.6	243.3	4025.9	1302.9	-4694.5	-2242.7
14	1583.8	-2010.4	-433.2	597.8	539.8	-1985.4	-408.1	1641.8	2169.3	-8491.1	2037.6	-8530.8
15	1859.8	2909.8	1392.3	2192.7	3477.5	2355 .2	837.7	575.0	961.0	330.2	-4539.8	-3098.7
16	835.6	-1569.4	-488.7	1044.9	119.6	-1170.0	-89.3	1761.0	504.8	-7609.6	457.4	-10443.2
17	1019.8	2376.1	1089.8	2568.9	2524.3	2395.4	1109.1	1064.5	-1403.2	-1470.9	-4172.7	-3981.3
18	266.0	-931.3	-420.7	1444.2	-40.9	-290.3	220.3	1751.1	-824.6	-6663.2	-1399.7	-11308.0
19	512.8	1546.4	688.7	2809.0	1686.8	2030.9	1173.2	1635.1	-2597.1	-3845.6	-3572.1	-4749.5
20	60.3	-192.6	-195.9	1820.8	195.5	509.0	505.7	1685.7	-1655.9	-5729.1	-3433.1	-11384.1
21	46.8	572.4	189.9	2927.0	776.6	1500.6	1118.2	2197.3	-3090.4	-6098.6	-2826.5	-5539.1
22	156.6	564.8	180.4	2159.4	742.3	1176.5	792.1	1573.7	-2317.8	-4827.3	-5368.8	-10745.1
23	7.3	-416.9	-288.6	2817.5	192.0	716.4	844.8	2632.8	-2512.3	-7832.0	-1965.5	-6134.7
24	393.2	13 16.1	608.8	2334.2	1398.5	1720.0	1012.8	1328.9	-2931.4	-3913.4	-6681.3	-8870.6
25	481.1	-1383.3	-691.5	2501.0	43.4	-322.4	369.4	2938.7	-1197.8	-9038.5	-864.0	-6733.3
26	898.9	1926.8	1038.7	2439.1	2219.9	2021.4	1133.3	1118.2	-3163.6	-3018.0	-6967.3	-7041.4
27	16.6	238.7	-4.2	961.9	250.4	545.8	302.9	728.1	-5466.0	-11780.7	-3082.8	-7331.4
28	1163.7	-2085.9	-942.3	1942.5	184.2	-1326.9	-183.3	2922.1	572.1	-8830.0	501.1	-6961.7
29	24.9	19.3	1.9	605.5	123.8	227.2	209.8	506.6	4918.3	11396.7	4554.7	10328.1
30	1567.2	2343.2	1506.3	2317.0	3085.7	2011.4	1174.5	798.6	-3356.4	-2276.4	-6452.5	-4493.0
31	2047.3	-2586.2	-921.2	1344.8	660.7	-2290.9	-626.0	2731.4	1893.4	-8169.6	1741.0	-7153.2
32	2489.1	2471.7	2035.0	2043.3	4058.9	1601.7	1165.0	473.5	-3310.7	-1607.6	-5288.6	-2209.1
33	3009.9	-2776.5	-613.4	695.1	1412.9	-3086.4	-923.2	2292.2	2551.5	-6707.8	2945.8	-6946.4
34	3491.3	2532.2	2422.2	1786.1	5026.2	1133.6	1023.6	251.2	-3131.7	-744.8	-3086.7	-857.1
35	3950.8	-2485.1	-96.7	123.6	2410.2	-3472.2	-1083.7	1664.1	2775.7	-4362.3	4132.1	-6145.9
36	4293.1	2176.0	25 69.7	1346.5	5 557.1	358.5	752.1	82.5	-2888.8	-101.5	-497.7	-277.9
37	4678.0	-2040.1	589.1	-189.1	3385.6	-3583.2	-954.0	1103.3	2046.5	-2550.2	4 <mark>75</mark> 1.4	-5203.3
38	4915.8	1532.9	2591.8	8.608	5771.2	-610.1	448.9	-48.7	-2407.7	349.5	1611.2	-194.9
39	5271.5	-1214.1	1320.9	-255.9	4442.2	-3242.1	-707.0	573.4	1119.5	-927.2	5070.5	-3839.5
40	5378.6	625.6	23 88.2	306.6	5678.6	-1693.3	69.3	6.6	-1436.2	324.1	3451.3	-1153.9
41	5496.0	-308.5	1949.5	-85.4	5 216.5	-2597.1	-339.1	194.2	-199.5	33.6	4648.2	-2396.5
42	2600.7	-533.7	-509.2	3727.2	2398.2	40.1	64.5	3929.8	-3468.4	4560.0	1947.0	-4283.1
43	23.7	4.6	-2.2	25.0	24.7	4.7	-2.1	24.0	-2114.8	-862.1	-281.7	-504.5
44	2356.7	19.5	1462.6	41.6	2532.4	-1055.6	387.4	-134.1	-12691.6	5061.9	3348.8	-1862.4
45	5256.3	4597.3	7029.0	7680.3	9867.4	3653.2	6084.9	3069.2	-38212.5	-15129.7	9739.8	3091.9
46	5671.8	-5038.2	-6924.6	7632.2	1626.9	-2445.9	-4332.3 ■	11677.1	-16093.1	39563.6	10233.3	-24283.9
47	2438.8	-1.5	-931.6	29.5	1720.9	-731.6	-1661.7	747.4	-13247.4	5774.2	7453.6	-2668.2
48	24.0	1.6	4.9	22.6	26.1	0.1	3.4	20.5	-833.8	2179.2	209.6	689.9
49	28.2	145.9	2.6	3562.4	637.4	1408.5	1265.2	2953.2	-4940.7	-11385.7	-677.4	333.9
50	28.3	-72.3	1.9	3563.9	558.0	1225.3	1299.5	3034.2	4897.2	11405.3	-2559.5	-4027.9
51	25.0	1.9	2.3	20.4	25.8	-0.4	0.0	19.6	-2186.3	-821.4	-1063.8	334.2
52	329.5	2.3	29.6	20.4	292.5	-115.2	-87.8	57.4	-8352.3	3605.4	-11605.0	4995.3
53	25.0	2.6	2.3	20.4	26.1	0.2	-0.2	19.4	-901.7	2154.4	-983.1	521.0

5.4 UNIT NORMAL STRESSES BY MATERIAL

Material	Stress	$\sigma_x (N = 1 \text{ kN})$	$\sigma_x (M_y = 1 \text{ kNm})$		= 1 kNm)			= 1 kNm)		= 1 kNm)	$\sigma_x (M_\omega = 1 \text{ kNm}^2)$
No.	Point No.	[N/m²]	[N/m²]	Į Įr	[N/m²]		[N	l/m²]	[I	l/m²]	[N/m ²]
2	C20/25	Isotropic Linear Elastic									
	1	1769.5	-10169.9	15552.8		<u>- -</u>	3173.3		18309.8		-77989.6
	2	1769.5	-8801.4	717.2		-	7796.5		4146.6		21559.6
	3	1769.5	-7432.9	-14118.5		- =	12419.6		-10016.6		102124.8
	4	1769.5	-7069.5	8317.6		- -:	3194.2		10438.3		-22798.2
	5	1769.5	-7027.8	7960.7		-	3297.4		10094.1		-18465.1
	6	1769.5	-7059.8	8665.3		- -	3047.5		10753.6		-26302.4
	7	1769.5	-6935.8	7605.4			3353.7		9731.4		-13648.0
	8	1769.5	-6998.8	8993.2		-3	2861.5		11030.5		-28645.3
	9	1769.5	-6796.3	7262.4			3361.6		9361.2		-8773.4
	10	1769.5	-6888.4	9291.2			2642.1		11260.4		-29615.9
	11	1769.5	-6613.6	6942.3			3320.7		8994.9		-4304.9
	12	1769.5	-6732.0	9550.5		- 4	2395.8		11436.5		-29225.4
	13	1769.5	-6393.3	6654.7			3232.4		8643.6		-502.8
	14	1769.5	-6534.4	9763.0		- 4	2130.1		11553.3		-27663.2
	15	1769.5	-6142.0	6408.4		-	3099.3		8317.8		2407.7
	16	1769.5	-6301.5	9922.4			1853.1		11607.3		-25066.2
	17	1769.5	-5867.3	6210.9			2925.4		8027.6		4264.6
	18	1769.5	-6040.4	10023.8			1573.2		11596.9		-21763.4
	19	1769.5	-5577.7	6068.1			2716.0		7781.7		5144.1
	20	1769.5	-5759.0	10064.1		-	1298.9		11522.4		-18052.5
	21	1769.5	-5281.8	5984.4		-3	2477.6		7587.7		5080.4
	22	1769.5	-5466.0	10042.0			1038.6		11386.0		-14159.3
	23	1769.5	-4988.8	5962.4		-3	2217.3		7451.3		4373.3
	24	1769.5	-5170.2	9958.4			800.1		11191.9		-10344.1

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5.4 UNIT NORMAL STRESSES BY MATERIAL

Finite Element Analysis

Material	Stress	$\sigma_x (N = 1 kN)$	σ_x (M _y = 1 kNm)	$\sigma_x (M_z = 1 \text{ kNm})$	σ_x (M _u = 1 kNm)	σ_x (M _v = 1 kNm)	$\sigma_x (M_\omega = 1 \text{ kNm}^2)$	
No.	Point No.	[N/m²]	[N/m²]	[N/m ²]	[N/m²]	[N/m ²]	[N/m²]	
	25	1769.5	-4707.4	6002.7	-1943.0	7376.8	3254.2	
	26	1769.5	-4880.5	9815.6	-590.8	10946.0	-6795.3	
	27	1769.5	-5267.4	15005.4	1110.8	15864.3	17613.5	
	28	1769.5	-4446.3	6104.0	-1663.1	7366.4	1961.4	
	29	1769.5	-2530.4	-14665.9	-8135.6	-12462.1	-33629.3	
	30	1769.5	-4605.8	9618.0	-416.9	10655.8	-3713.6	
	31	1769.5	-4213.4	6263.4	-1386.1	7420.4	762.1	
	32	1769.5	-4354.5	9371.7	-283.8	10330.1	-1232.0	
	33	1769.5	-4015.8	6476.0	-1120.4	7537.2	-106.9	
	34	1769.5	-4134.2	9084.1	-195.5	9978.7	552.2	
	35	1769.5	-3859.4	6735.2	-874.1	7713.2	-542.4	
	36	1769.5	-3951.5	8764.0	-154.6	9612.4	1537.0	
	37	1769.5	-3749.0	7033.3	-654.6	7943.2	-444.5	
	38	1769.5	-3812.0	8421.1	-162.5	9242.3	1790.2	
	39	1769.5	-3688.1	7361.2	-468.7	8220.0	53.3	
	40	1769.5	-3720.0	8065.8	-218.8	8879.6	1465.0	
	41	1769.5	-3678.3	7708.8	-322.0	8535.4	771.5	
	42	1769.5	0.2	-0.3	0.1	-0.3	1313.1	
	43	1769.5	-365.0	14458.0	5394.8	13418.8	114752.1	
	44	1769.5	45.5	10007.3	4007.9	9169.8	98095.3	
	45	1769.5	456.1	5556.6	2620.9	4920.9	5667.0	
	46	1769.5	1277.2	-3344.8	-153.0	-3577.0	-6115.9	
	47	1769.5	1824.6	-9279.0	-2002.2	-9242.3	-135497.3	
	48	1769.5	2372.0	-15213.3	-3851.5	-14907.6	-169299.4	
	49	1769.5	7809.8	4735.5	9047.0	1252.6	-132820.8	
	50	1769.5	8630.9	-4165.9	6273.1	-7245.3	143751.1	
	51	1769.5	15163.4	3914.4	15473.1	-2415.6	-174813.1	
	52	1769.5	15574.0	-536.3	14086.2	-6664.6	10145.4	
	53	1769.5	15984.5	-4987.0	12699.2	-10913.5	195103.9	

5.5 UNIT SHEAR STRESSES BY MATERIAL

Material	Stress	V _v =	1 kN	V _z =	1 kN	V _u =	= 1 kN	V _v =	1 kN	$M_{x,p} = r$	1 kNm	n M _{x,s} = 1	
No.	Point No.	т _{ху} [N/m ²]		т _{ху} [N/m²]	т _{хz} [N/m²]	т _{хи} [N/m²]	τ _{xv} [N/m²]	т _{хи} [N/m²]	T _{xv} [N/m ²]	т _{ху} [N/m²]	т _{хz} [N/m²]	т _{ху} [N/m²]	T _{xz} [N/m ²
2	C20/25 I									.,,,			
	1	-16.1		-20.6	9.4	-33.4	-19.6	-2.1	26.8	948.6	-2518.4	171.0	-644.7
	2	3368.6	8.8	33.0	14.2	2856.9	-1218.3	-1194.1	525.9	15986.2	-6835.7	-1154.5	569.4
	3	25.2	1.9	0.6	22.1	25.6	0.4	-0.9	21.7	2159.2	885.7	517.5	559.2
	4	5464.3	-181.0	1050.6	41.4	4916.0	-2320.9	-1089.3	506.9	12021.5	-5956.2	-252.4	166.1
	5	5599.5	602.5	1368.7	162.8	5462.8	-1685.3	-919.1	299.5	12252.2	-3818.6	-1849.9	479.1
	6	5018.7	-1144.1	747.6	-147.6	4063.0	-2961.6	-1070.0	808.1	10542.9	-7797.9	889.5	-866.6
	7	5495.9	1630.1	1604.6	5 07.9	5889.4	-692.9	-718.4	114.3	11666.5	-1607.0	-3095.6	254.6
	8	4300.5	-1768.3	404.1	-116.9	3110.2	-3161.4	-989.0	1073.3	8683.2	-8922.4	1881.7	-2437.0
	9	4811.6	2426.2	1722.5	8 85.8	5704.5	346.1	-357.6	-7.1	9683.4	593.7	-4050.3	-277.6
	10	3440.2	-2206.4	52.0	-8.2	2114.6	-3122.7	-864.4	1317.3	6336.7	-9379.5	2700.1	-4303.3
	11	3958.3	2996.2	1703.0	1354.0	5259.1	1310.5	17.3	53.2	7059.5	1241.1	-4558.2	-1246.0
	12	2508.0	-2242.7	-248.6	260.9	1248.6	-2669.0	-674.9	1520.3	4067.2	-9136.3	2797.4	-6566.5
	13	2907.2	3201.8	1580.5	1811.3	4475.2	2051.9	430.6	243.3	4025.9	1302.9	-4694.5	-2242.7
	14	1583.8	-2010.4	-433.2	5 97.8	539.8	-1985.4	-408.1	1641.8	2169.3	-8491.1	2037.6	-8530.8
	15	1859.8	2909.8	1392.3	2192.7	3477.5	2355.2	837.7	575.0	961.0	330.2	-4539.8	-3098.7
	16	835.6	-1569.4	-488.7	1044.9	119.6	-1170.0	-89.3	1761.0	504.8	-7609.6	457.4	-10443.2
	17	1019.8	2376.1	1089.8	2568.9	2524.3	2395.4	1109.1	1064.5	-1403.2	-1470.9	-4172.7	-3981.3
	18	266.0	-931.3	-420.7	1444.2		-290.3	220.3	1751.1	-824.6	-6663.2	-1399.7	-11308.0
	19	5 12.8	1546.4	688.7	2809.0	1686.8	2030.9	1173.2	1635.1	-2597.1	-3845.6	-3572.1	-4749.5
	20	60.3	-192.6	-195.9	1820.8	195.5	509.0	505.7	1685.7	-1655.9	-5729.1	-3433.1	-11384.1
	21	46.8	572.4	189.9	2927.0	776.6	1500.6	1118.2	2197.3	-3090.4	-6098.6	-2826.5	-5539.1
	22	156.6	564.8	180.4	2159.4	742.3	1176.5	792.1	1573.7	-2317.8	-4827.3	-5368.8	-10745.1
	23	7.3	-416.9	-288.6	2817.5	192.0	716.4	844.8	2632.8	-2512.3	-7832.0	-1965.5	-6134.7
	24	3 93.2	1316.1	608.8	2334.2	1398.5	1720.0	1012.8	1328.9	-2931.4	-3913.4	-6681.3	-8870.6
	25	481.1	-1383.3	-691.5	2501.0	43.4	-322.4	369.4	2938.7	-1197.8	-9038.5	-864.0	-6733.3
	26	898.9	1926.8	1038.7	2439.1	2219.9	2021.4	1133.3	1118.2	-3163.6	-3018.0	-6967.3	-7041.4
	27	16.6	238.7	-4.2	961.9	250.4	545.8	302.9	728.1	-5466.0	-11780.7	-3082.8	-7331.4
	28	1163.7	-2085.9	-942.3	1942.5	184.2	-1326.9	-183.3	2922.1	572.1	-8830.0	501.1	-6961.7
	29	24.9	19.3	1.9	605.5	123.8	227.2	209.8	506.6	4918.3	11396.7	4554.7	10328.1
	30	1567.2	2343.2	1506. <mark>3</mark>	2317.0	3085.7	2011.4	1174.5	798.6	-3356.4	-2276.4	-6452.5	-4493.0
	31	2047.3	-2586.2	-921.2	1344.8	660.7	-2290.9	-626.0	2731.4	1893.4	-8169.6	1741.0	-7153.2
	32	2489.1	2471.7	2035.0	2043.3	4058.9	1601.7	1165.0	473.5	-3310.7	-1607.6	-5288.6	-2209.1
	33	3009.9	-2776.5	-613.4	695.1	1412.9	-3086.4	-923.2	22 92.2	2551.5	-6707.8	2945.8	-6946.4
	34	3491.3	2532.2	2422.2	1786.1	5026.2	1133.6	1023.6	251.2	-3131.7	-744.8	-3086.7	-857.1
	35	3950.8	-2485.1	-96.7	123.6	2410.2	-3472.2	-1083.7	1664.1	2775.7	-4362.3	4132.1	-6145.9
	36	4293.1	2176.0	2569.7	1346.5	5557.1	358.5	752.1	82.5	-2888.8	-101.5	-497.7	-277.9
	37	4678.0	-2040.1	589.1	-189.1	3385.6	-3583.2	_	1103.3	2046.5	-2550.2	4751.4	-5203.3
	38	4915.8	1532.9	2591.8	806.8	5771.2	-610.1	448.9	-48.7	-2407.7	349.5	1611.2	-194.9
	39	5271.5	-1214.1	1320.9	-255.9	4442.2	-3242.1	-707.0	573.4	1119.5	-927.2	5070.5	-3839.5
	40	5378.6	625.6	2388.2	3 06.6	5678.6	-1693.3	69.3	6.6	-1436.2	324.1	3451.3	-1153.9
	41	5496.0	-308.5	1949.5	-85.4	5216.5	-2597.1	-339.1	194.2	-199.5	33.6	4648.2	-2396.5

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5.5 UNIT SHEAR STRESSES BY MATERIAL

Finite Element Analysis

Material	Stress	V _y =	1 kN	V _z =	1 kN	V _u =	1 kN	V _v =	1 kN	$M_{x,p} = 1$	1 kNm	$M_{x,s} = 1$	1 kNm
No.	Point No.	т _{ху} [N/m²]	т _{хг} [N/m²]	т _{ху} [N/m²]	т _{хz} [N/m²]	т _{хи} [N/m²]	т _{хv} [N/m²]	т _{хи} [N/m²]	т _{хv} [N/m ²]	т _{ху} [N/m²]	т _{хz} [N/m²]	т _{ху} [N/m²]	т _{хг} [N/m²]
	42	2600.7	-533.7	-509.2	3727.2	23 98.2	40.1	64.5	392 9.8	-3468.4	4560.0	1947.0	-4283.1
	43	23.7	4.6	-2.2	25.0	24.7	4.7	-2.1	24.0	-2114.8	-862.1	-281.7	-504.5
	44	2356.7	19.5	1462. <mark>6</mark>	41.6	25 32.4	-1055.6	387.4	-134.1 •	-12691.6	5061.9	3348.8	-1862.4
	45	5256.3	4597.3	7029.0	7680.3	9867.4	3653.2	6084.9	3069.2	-38212.5	-15129.7	9739.8	3091.9
	46	5671.8	-5038.2	-6924.6	7632.2	1626.9	-2445.9	-4332.3	11677.1	-16093.1	39563.6	10233.3	-24283.9
	47	2438.8	-1.5	-931.6	29.5	1720.9	-731.6	-1661.7	7 47.4	-13247.4	5774.2	7453.6	-2668.2
	48	24.0	1.6	4.9	22.6	26.1	0.1	3.4	20.5	-833.8	2179.2	209.6	689.9
	49	28.2	145.9	2.6	3562.4	637.4	1408.5	1265.2	2953.2	-4940.7	-11385.7	-677.4	333.9
	50	28.3	-72.3	1.9	3563.9	558.0	1225.3	1299.5	3034.2	4897.2	11405.3	-2559.5	-4027.9
	51	25.0	1.9	2.3	20.4	25.8	-0.4	0.0	19.6	-2186.3	-821.4	-1063.8	334.2
	52	329.5	2.3	29.6	20.4	292.5	-115.2	-87.8	57.4	-8352.3	36 <mark>0</mark> 5.4	-11605.0	4995.3
	53	25.0	2.6	2.3	20.4	26.1	0.2	-0.2	19.4	-901.7	2154.4	-983.1	521.0

5.6 STRESSES BY LOADING

Finite Element Analysis

Loading	Member	Location		Stress	Stresses	[N/mm²]	Stress	
No.	No.	x [m]	Point No.	Туре	Existing	Limit	Ratio η []	
LC1	G							
	1	0.000	48	σ _{x,tot}	-2.400		Non-designable 🚱	
	1	0.000	45	T _{tot}	0.493		Non-designable 🥹	
	1	0.000	48	σ _{eqv,von Mises}	2.400		Non-designable 😥	

5.7 STRESSES BY MATERIAL

Finite Element Analysis

Material	Member	Location	Stress	Loading	Stress	Stresses [N/mm²]		Stress	
No.	No.	x [m]	Point No.	No.	Туре	Existing	Limit	Ratio η []	
2	C20/25	Isotropic Lir	near Elastic						
	1	0.000	48	LC1	σ _{x,tot}	-2.400		Non-designable 🐼	
	1	0.000	45	LC1	T _{tot}	0.493		Non-designable 🚱	
	1	0.000	48	LC1	σ _{eqv,von Mises}	2.400		Non-designable 😡	

5.8 STRESSES BY MEMBER

Finite Element Analysis

Member	Location	Stress	Loading	Stress	Stresses [I	N/mm²]	Stress	
No.	x [m]	Point No.	No.	Туре	Existing	Limit	Ratio η []	
1	Member 1							
	0.000	48	LC1	σ _{x,tot}	-2.400		Non-designable 😡	
	0.000	45	LC1	T _{tot}	0.493		Non-designable 🐼	
	0.000	48	LC1	σ _{eqv.von Mises}	2.400		Non-designable 😧	

5.9 STRESSES BY LOCATION

Finite Element Analysis

Member	Location	Stress	Loading	Stress	Stresses [N/mm²]	Stress
No.	x [m]	Point No.	No.	Туре	Existing	Limit	Ratio η []
1	Location x: 0	0.000 [m]					
	0.000	48	LC1	G x,tot	-2.400		Non-designable 🥹
	0.000	45	LC1	T _{tot}	0.493		Non-designable 😥
	0.000	48	LC1	Gegy von Mises	2.400		Non-designable 😡

5.10 STRESSES BY STRESS POINTS

Stress	Member	Location	Loading	Stress	Stresses [N	V/mm²]	Stress	
Point No.	No.	x [m]	No.	Туре	Existing	Limit	Ratio η []	
1	Part No.	1 Cartesian	Y: 0.0 mm	Z: 0.0 mm			17.	
	1	0.000	LC1	σ _{x,tot}	-0.137		Non-designable 🐼	
	1	0.000	LC1	T _{tot}	0.004		Non-designable 🐼	
	1	0.000	LC1	σeqv,von Mises	0.137		Non-designable 🐼	
2	Part No.			x _{i-k} : 87.50 %				
	1	0.000		♂ x,tot	0.137		Non-designable 😧	
	1	0.000		Ttot	0.086		Non-designable 😡	
	1	0.000	LC1	σ _{eqv,von Mises}	0.202		Non-designable 😂	
3	Part No.	1 On Line I	Part No. 1 1	x _{i-k} : 75.00 %				
	1	0.000		σ _{x,tot}	0.222		Non-designable 😧	
	1	0.000	LC1	T _{tot}	0.003		Non-designable 😧	
	1	0.000	LC1	Geqv,von Mises	0.222		Non-designable 🚱	
4	Part No.			x _{i-k} : 66.67 %				
	1	0.000		σ _{x,tot}	0.100		Non-designable 🚱	
	1	0.000	LC1	T _{tot}	0.154		Non-designable 😡	
	1	0.000	LC1	σ _{eqv,von Mises}	0.285		Non-designable 🐼	

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5.10 STRESSES BY STRESS POINTS

Stress	Member	Location	Loading	Stress	Stresse	s [N/mm²]	Stress	
Point No.	No.	x [m]	No.	Туре	Existing	Limit	Ratio η []	
5				x _{i-k} : 69.44 %				
	1	0.000	LC1	σ _{x,tot}	0.126		Non-designable 🕹	
	1	0.000	LC1	T _{tot}	0.167		Non-designable 🐼	
	1	0.000	LC1	Geqv,von Mises	0.315		Non-designable 🚱	
6	Part No.	1 I On Line II	Part No. 112	x _{i-k} : 63.89 %				
· ·	1	0.000	LC1	σ _{x,tot}	0.082		Non-designable 😧	
	1	0.000	LC1	T _{tot}	0.139		Non-designable 😡	
	1	0.000	LC1	σ _{eqv,von Mises}	0.254		Non-designable 😡	
					'	'		
7	Part No.			x _{i-k} : 72.22 %				
	1	0.000	LC1	σ _{x,tot}	0.157		Non-designable 😧	
	1	0.000	LC1	Ttot	0.177		Non-designable 🐼	
	1	0.000	LC1	Geqv,von Mises	0.345		Non-designable 🚱	
8	Part No.	1 I On Line II	Part No. 112	x _{i-k} : 61.11 %				
	1	0.000	LC1	σ _{x,tot}	0.076		Non-designable 🐼	
	1	0.000	LC1	T _{tot}	0.118		Non-designable 😡	
	1	0.000	LC1	Geqv,von Mises	0.218		Non-designable 😡	
9				x _{i-k} : 75.00 %				
	1	0.000	LC1	σ _{x,tot}	0.191		Non-designable Q	
	1	0.000	LC1	Ttot	0.176		Non-designable 🐼	
	1	0.000	LC1	σ _{eqv,von Mises}	0.359		Non-designable 🕄	
10	Part No.	1 I On Line II	Part No. 112	x _{i-k} : 58.33 %				
10	1	0.000	LC1	σ _{x,tot}	0.083		Non-designable 😧	
	1	0.000	LC1	Ttot	0.094		Non-designable Q	
	1	0.000	LC1	σeqv,von Mises	0.183		Non-designable &	
					-			
11	Part No.			x _{i-k} : 77.78 %				
	1	0.000	LC1	O x,tot	0.223		Non-designable 😡	
	1	0.000	LC1	T _{tot}	0.172		Non-designable 🐼	
	1	0.000	LC1	Geqv,von Mises	0.371		Non-designable 🕃	
12	Part No.	1 I On Line II	Part No. 112	x _{i-k} : 55.56 %				
12	1	0.000	LC1	σ _{x,tot}	0.102		Non-designable 😯	
	1	0.000	LC1	Ttot	0.067		Non-designable 😡	
	1	0.000	LC1	σ _{eqv,von Mises}	0.154		Non-designable 🐼	
13				x _{i-k} : 80.56 %				
	1	0.000		σ _{x,tot}	0.250		Non-designable 🕹	
	1	0.000	LC1	T _{tot}	0.163		Non-designable 😯	
	Į.	0.000	LC1	Geqv,von Mises	0.377		Non-designable 😯	
14	Part No.	1 I On Line I I	Part No. 112	x _{i-k} : 52.78 %				
• • •	1	0.000	LC1	σ _{x,tot}	0.131		Non-designable 🐼	
	1	0.000	LC1	T _{tot}	0.038		Non-designable 😡	
	1	0.000	LC1	σ _{eqv,von Mises}	0.147		Non-designable 😡	
15				x _{i-k} : 83.33 %				
	1	0.000		σ _{x,tot}	0.270		Non-designable 🐼	
	1	0.000	LC1 LC1	Ttot	0.148		Non-designable 🐼 Non-designable 🐼	
		0.000	LUI	Geqv,von Mises	0.312		Noi Fuesigi (able 🐯	
16	Part No.	1 On Line I	Part No. 112	x _{i-k} : 50.00 %				
	1	0.000		σ _{x,tot}	0.169		Non-designable 🐼	
	1	0.000	LC1	T _{tot}	0.010		Non-designable 😡	
	1	0.000	LC1	σeqv,von Mises	0.169		Non-designable 🐼	
		410 ::						
17				x _{i-k} : 86.11 %	- 0.000		Man day's salds 🚳	
	1	0.000		σ _{x,tot}	0.283		Non-designable 🐼	
	1 1	0.000	LC1 LC1	Ttot	0.137 0.370		Non-designable 🐼 Non-designable 🐼	
		0.000	LOI	Geqv,von Mises	0.370		Noi ruesigi iable 🤡	
18	Part No.	1 On Line I I	Part No. 1 2	x _{i-k} : 47.22 %				
	1	0.000	LC1	σ _{x,tot}	0.211		Non-designable 😯	
	1	0.000	LC1	Ttot	0.032		Non-designable 🐼	
	1	0.000	LC1	Geqv,von Mises	0.218		Non-designable 🐼	
40	D== 11	410-11-11	Double 410	Lv 00 00 0/				
19				x _{i-k} : 88.89 %	. 0.000		Non designable	
	1 1	0.000	LC1 LC1	σ _{x,tot}	0.289		Non-designable 🚱 Non-designable 🚱	
	1	0.000	LC1	T _{tot} Geqv,von Mises	0.124		Non-designable 😡	
		0.000		. oq., tori ivisoos	0.000			
20	Part No.	1 On Line 1	Part No. 1 2	x _{i-k} : 44.44 %				
	1	0.000	LC1	σ _{x,tot}	0.254		Non-designable 🚱	
							•	

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5.10 STRESSES BY STRESS POINTS

Stress	Member	Location	Loading	Stress	Stresses [N/n		Stress	
Point No.	No.	x [m]	No.	Туре	Existing		tatio η []	
20	1	0.000	LC1	Ttot	0.057		Non-designable 😡	
	1	0.000	LC1	Oeqv,von Mises	0.272	ļ Ņ	Non-designable 🚱	
21	Part No.	1 I On Line I E	Part No. 1 2	x _{i-k} : 91.67 %				
21	1	0.000	LC1	σ _{x,tot}	0.289	N	Non-designable 😥	
	1	0.000	LC1	T _{tot}	0.106		Von-designable 😡	
	i	0.000	LC1	σeqv,von Mises	0.342		Von-designable 😡	
	·	0.000		Ocqv,voi i vii oco	0.0.2		ton accignation	
22	Part No.	1 On Line F	Part No. 1 2	x _{i-k} : 41.67 %				
	1	0.000	LC1	σ _{x,tot}	0.296	N	Non-designable 😥	
	1	0.000	LC1	T _{tot}	0.082		Non-designable 🥹	
	1	0.000	LC1	σ _{eqv,von Mises}	0.328	N	Non-designable 😯	
							_	
23	Part No.	1 On Line F	Part No. 1 2	x _{i-k} : 94.44 %				
	1	0.000	LC1	$\sigma_{x,tot}$	0.285		Non-designable 😡	
	1	0.000	LC1	Ttot	0.085		Non-designable 😥	
	1	0.000	LC1	σ _{eqv,von Mises}	0.320	l l	Non-designable 🚱	
04	- D. (N.	410.11.15						
24				x _{i-k} : 38.89 %	-0.005			
	1	0.000	LC1	σ _{x,tot}	0.335		Non-designable 😥	
	1	0.000	LC1	T _{tot}	0.105		Non-designable 😥	
	1	0.000	LC1	Geqv,von Mises	0.381	P	Non-designable 😥	
25	Part No.	1 I On Line I	Part No. 1 I 2	x _{i-k} : 97.22 %				
20	1 Part No.	0.000	LC1	σ _{x,tot}	0.280	l N	Non-designable 😥	
	1	0.000	LC1	T _{tot}	0.280		Non-designable 😡	
	1	0.000	LC1	σ _{eqv,von Mises}	0.297		Non-designable 😺	
		0.000	LOI	→eqv,von Mises	0.231	P	to i raccigi labio 🐷	
26	Part No	1 On Line F	Part No. 112	x _{i-k} : 36.11 %				
	1	0.000	LC1	σ _{x,tot}	0.367	N	Non-designable 🚱	
	1	0.000	LC1	Ttot	0.126		Non-designable 😡	
	1	0.000	LC1	σeqv,von Mises	0.428		Non-designable 🐼	
							-	
27	Part No.	1 On Line F	Part No. 1 1	x _{i-k} : 5.00 %				
	1	0.000	LC1	σ _{x,tot}	0.865		Non-designable 🚱	
	1	0.000	LC1	T _{tot}	0.047	N	Von-designable 🚱	
	1	0.000	LC1	σ _{eqv,von Mises}	0.869	N	Non-designable 🚱	
28		1 On Line F						
	1	0.000	LC1	$\sigma_{x,tot}$	0.276		Non-designable 😡	
	1	0.000	LC1	Ttot	0.026		Non-designable 😧	
	1	0.000	LC1	Oeqv,von Mises	0.280	l L	Non-designable 🚱	
29	Dort No.	1 On Line E	Port No. 1 I 1	x _{i-k} : 70.00 %				
29	1	0.000	LC1	ľ	-1.090		Non-designable 😥	
	1	0.000	LC1	σ _{x,tot} τ _{tot}	0.031		Von-designable 😺	
	1	0.000	LC1	Gegv,von Mises	1.091		Von-designable 😡	
	•	0.000	LUI	Oeqv,voi i viises	1.001	•	tori docignable 🐷	
30	Part No.	1 On Line F	Part No. 1 2	x _{i-k} : 33.33 %				
	1	0.000	LC1	σ _{x,tot}	0.392	N	Non-designable 🚱	
	1	0.000	LC1	T _{tot}	0.143		Non-designable 😡	
	1	0.000	LC1	σ _{eqv,von Mises}	0.464		Non-designable 😡	
							<u> </u>	
31	Part No.	1 On Line F	Part No. 1 2	x _{i-k} : 2.78 %				
	1	0.000	LC1	σ _{x,tot}	0.275		Non-designable 🚱	
	1	0.000	LC1	Ttot	0.026		Non-designable 😧	
	1	0.000	LC1	σ _{eqv,von Mises}	0.279	N	Non-designable 🚱	
32	Part No.			x _{i-k} : 30.56 %				
	1	0.000	LC1	σ _{x,tot}	0.409		Non-designable 😡	
	1	0.000	LC1	T _{tot}	0.160		Non-designable 😡	
	1	0.000	LC1	Geqv,von Mises	0.494	N	Non-designable 🚱	
00	Da-4 NI	110-1115	Down No. 4 ! O	Lv . E EC 0/				
33				x _{i-k} : 5.56 %	0.000		lon deciencia	
	1	0.000	LC1	σ _{x,tot}	0.280		Non-designable 😧	
	1	0.000	LC1	Ttot	0.061		Non-designable 😥	
	1	0.000	LC1	σ _{eqv,von Mises}	0.300	P	Non-designable 😥	
	Part No.	1 I On Line I	Part No. 112	x _{i-k} : 27.78 %				
3/1	= raitivo.	0.000	LC1	X _{i-k} : 21.10 %	0.415	, and the same of	Non-designable 😡	
34	1			T _{tot}	0.413		Non-designable 🐼	
34	1		LC1		0.100	1 1	···· GOOIGI IGDIÜ W	
34	1	0.000	LC1 LC1		0.519	N		
34	-		LC1 LC1	Geqv,von Mises	0.519	N	Non-designable 😡	
	1	0.000	LC1	Geqv,von Mises	0.519	N		
34	1 1 Part No.	0.000 0.000 1 On Line F	LC1 Part No. 1 2	σ _{eqv,von Mises}			Non-designable 😡	
	1	0.000	LC1	Geqv,von Mises	0.519	1		

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Model: Test

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5.10 STRESSES BY STRESS POINTS

Part No. Dots Part No. Dots Part No. Part N	Stress	Member	Location	Loading	Stress	Stresses [N/mm²1	Stress	
Part No. 1 Or Line Part No. 1 2 as : 250 9;				_			•		
1 0.000 LC1 Co. 1 0.0						, , , , , , , , , , , , , , , , , , ,	-	11.1	
1						0.412		Non-designable 😥	
Part No. 1 On Line Part No. 1 2 xs; 11.11 % 1 0.000 LC1 0.000 LC		1	0.000	LC1	T _{tot}	0.186		Non-designable 😡	
1		1	0.000	LC1	Geqv,von Mises	0.523		Non-designable 😡	
1									
1	37	Part No.	1 On Line 1	Part No. 1 2	x _{i-k} : 11.11 %				
Part No. 1 Chair Part No. 1 2 No. 222 %		1			σ _{x,tot}	_			
Part No. 1 Ch Line Part No. 1 2 Xu. 22 22 %		1	0.000	LC1	T _{tot}	0.124		Non-designable 🐼	
1 0,000 LC1 0 text 10,399 Nan-designable ○ 1 1 0,000 LC1 0 text 10,167 Nan-designable ○ 1 1 0,000 LC1 0 text 10,167 Nan-designable ○ 1 1 0,000 LC1 0 text 10,167 Nan-designable ○ 1 1 0,000 LC1 0 text 10,169 Nan-designable ○ 1 1 0,000 LC1 0 text 10,190 Nan-designable ○ 1 Nan-designable ○ 1 1 0,000 LC1 0 text 10,190 Nan-designable ○ 1 N		1	0.000	LC1	σ _{eqv,von Mises}	0.376		Non-designable 🐼	
1 0,000 LC1 0 text 10,399 Nan-designable ○ 1 1 0,000 LC1 0 text 10,167 Nan-designable ○ 1 1 0,000 LC1 0 text 10,167 Nan-designable ○ 1 1 0,000 LC1 0 text 10,167 Nan-designable ○ 1 1 0,000 LC1 0 text 10,169 Nan-designable ○ 1 1 0,000 LC1 0 text 10,190 Nan-designable ○ 1 Nan-designable ○ 1 1 0,000 LC1 0 text 10,190 Nan-designable ○ 1 N									
1	38	Part No.			·				
1		-							
Part No. 1 Ch Line Part No. 1 2 No.: 13.89 %		1							
1 0.000 LC1 0 0 0 1.01 0 0.00		1	0.000	LC1	O _{eqv,von Mises}	0.514		Non-designable 🐯	
1 0.000 LC1 0 0 0 1.01 0 0.00	00	D. (N.	410.1111	D. (N. 410	1 40.00.0/				
1 0.000 LC1 Total 0.150 Non-designable © Non-designable	39				i'	0.004		No. 1. t. d. al	
1 0.000 LC1 Gougenstees 0.421 Non-designable ©									
Part No. 1 Ch Lime Part No. 1 2 xz. : 19.44 %									
1 0.000 LC1			0.000	LCI	Oeqv,von Mises	0.421		Norr-designable 🐼	
1 0.000 LC1	40	Port No.	1 I On Line II	Part No. 1 L 2	Lv. + 10 // 0/				
1 0.000 LC1 tot. 10.000 tC1 t	40					■U 38U		Non-decianable 🙉	
1 0.000 LC1 Copuentates 0.494 Non-designable ○ 1 0.000 LC1 Data 1.1657 % 1 0.000 LC1 Data 0.489 Non-designable ○ 1 0.000 LC1 Data 0.489 Non-designable ○ 1 0.000 LC1 Data 0.489 Non-designable ○ 1 0.000 LC1 Data 0.480 Non-designable ○ 1 0.000 LC1 Data 0.000 LC1 Data 0.000 Non-designable ○ 1 0.000 LC1 Data 0.0000 Non-designable ○ 1 0.000 LC1 Data 0.0000 Non-designable ○ 1 0.000 LC1 Data 0.0000 Non-designa		-				_			
41 Part No. 1 Chr. Line Part No. 1 2 xa : 16.87 % 1 0.000 LC1 0.22 0.356 Non-designable ○ 1 0.000 LC1 0.22 0.460 Non-designable ○ 1 0.000 LC1 0.22 0.460 Non-designable ○ 1 0.000 LC1 0.22 0.356 Non-designable ○ 1 0.000 LC1 0.22 0.321 Non-designable ○ 1 0.000 LC1 0.22 0.321 Non-designable ○ 1 0.000 LC1 0.22 0.321 Non-designable ○ 1 0.000 LC1 0.22 0.322 Non-designable ○ 1 0.000 LC1 0.22 0.323 Non-designable ○ 1 0.000 LC1 0.22 0.325 Non-designable ○ 1 0.000 LC1 0.22 Non-designable ○ 1 0.000 LC1 0.2		1							
1		1	0.000	LOI	eqv,von Mises	<u></u> 0.494		INOI FUESIGITABLE 🐼	
1	41	Part No.	1 I On Line II	Part No. 112	Lx: 16 67 %				
1 0.000 LC1 for 0.469 Non-designable ©	71					0.356		Non-designable 🙉	
1									
42 Part No. 1 Carlesian Part No. 1 Y : 491.0 mm Z : 380.1 mm 1 0.000 LC1									
1 0.000 LC1 oc.zx 0.031 Non-designable o 1 0.000 LC1 oc.go.on.tecs 0.199 Non-designable o 1 0.000 LC1 oc.go.on.tecs 0.199 Non-designable o 1 0.000 LC1 oc.go.on.tecs 0.199 Non-designable o 1 0.000 LC1 oc. 1.883 Non-des		•	0.000	20.	Oeqv,voirivises	0.100		1 to 11 doolg lable	
1 0.000 LC1 oc.zx 0.031 Non-designable o 1 0.000 LC1 oc.go.on.tecs 0.199 Non-designable o 1 0.000 LC1 oc.go.on.tecs 0.199 Non-designable o 1 0.000 LC1 oc.go.on.tecs 0.199 Non-designable o 1 0.000 LC1 oc. 1.883 Non-des	42	Part No.	1 I Cartesian	I Part No. 1 I	Y: 491.0 mm l Z: 36	0.1 mm			
1 0.000 LC1 Tot 1, 10 Line Part No. 1 1 1 1 1 1 1 1 1 1								Non-designable 😡	
1									
Part No. 1 On Line Part No. 1 1 x _s : 10.00 %		1							
1 0.000 LC1 Tot 0.003 Non-designable €			ı		.,,.			0	
1 0.000 LC1	43	Part No.	1 On Line 1	Part No. 1 1	x _{i-k} : 10.00 %				
1 0.000 LC1		1	0.000	LC1	σ _{x,tot}	1.883		Non-designable 🐼	
Part No. 1 On Line Part No. 1 1 X _x : 13.75 %		1	0.000	LC1	Ttot	0.003		Non-designable 😡	
1 0.000 LC1 tut 0.150 Non-designable 1 0.000 LC1 tut 0.151 Non-designable 1 0.000 LC1 Cut 0.151 Non-designable 1 0.000 LC1 Cut 0.322		1	0.000	LC1	σ _{eqv,von Mises}	1.883		Non-designable 🥹	
1 0.000 LC1 tut 0.150 Non-designable 1 0.000 LC1 tut 0.151 Non-designable 1 0.000 LC1 Cut 0.151 Non-designable 1 0.000 LC1 Cut 0.322									
1 0.000 LC1 for the committee 1.511 Non-designable 1 0.000 LC1 for the committee 1.511 Non-designable 1 0.000 LC1 of the 1.000 LC1 of th	44	Part No.							
1 0.000 LC1		1			σ _{x,tot}				
Part No. 1 On Line Part No. 1 1 x _{sk} : 17.50 % 1									
1 0.000 LC1 Gxtx 0.493 Non-designable € 1 0.000 LC1 Greyorn Mater 0.996 Non-designable € 1 0.000 LC1 Greyorn Mater 0.996 Non-designable € 1 0.000 LC1 Gxtx 0.493 Non-designable € 1 0.000 LC1 Gxtx 0.996 Non-designable € 1 0.000 LC1 Gxtx 0.022 Non-designable € 1 0.000 LC1 Txt 0.000 LC1 Gxtx 0.020 Non-designable € 1 0.000 LC1 Gxtx 0.0399 Non-designable € 1 0.000 LC1 Txt 0.000 LC1 Txt 0.0399 Non-designable € 1 0.000 LC1 Txt 0.000 LC1 Txt 0.0035 Non-designable € 1 0.000 LC1 Txt 0.000 LC1 Txt 0.0035 Non-designable € 1 0.000 LC1 Txt 0.0000 LC1 Txt 0.000 LC1 Txt 0.000 LC1 Txt 0.000 LC1 Txt 0		1	0.000	LC1	Geqv,von Mises	1.511		Non-designable 🚱	
1 0.000 LC1 Gxtx 0.493 Non-designable € 1 0.000 LC1 Greyorn Mater 0.996 Non-designable € 1 0.000 LC1 Greyorn Mater 0.996 Non-designable € 1 0.000 LC1 Gxtx 0.493 Non-designable € 1 0.000 LC1 Gxtx 0.996 Non-designable € 1 0.000 LC1 Gxtx 0.022 Non-designable € 1 0.000 LC1 Txt 0.000 LC1 Gxtx 0.020 Non-designable € 1 0.000 LC1 Gxtx 0.0399 Non-designable € 1 0.000 LC1 Txt 0.000 LC1 Txt 0.0399 Non-designable € 1 0.000 LC1 Txt 0.000 LC1 Txt 0.0035 Non-designable € 1 0.000 LC1 Txt 0.000 LC1 Txt 0.0035 Non-designable € 1 0.000 LC1 Txt 0.0000 LC1 Txt 0.000 LC1 Txt 0.000 LC1 Txt 0.000 LC1 Txt 0									
1 0.000 LC1 Text 0.493 Non-designable €	45				i .	= 0.050			
1 0.000 LC1 Geoption Misses						_			
Part No. 1 On Line Part No. 1 1 X _{tk} : 55.00 % 1									
1 0.000 LC1		1	0.000	LCT	Ueqv,von Mises	0.926		inon-designable 🤡	
1 0.000 LC1	16	Port No	11 On Line Li	Dart No. 1 I 4	Lv. · 55 00 %				
1 0.000 LC1 Tiput 0.399 Non-designable € Non-designable	40					0.400		Non doolgraphs 🙆	
1 0.000 LC1 σ _{eqviron Mises} 0.399 Non-designable 3 Part No. 1 On Line Part No. 1 1 Xik : 60.00 % 1 0.000 LC1 σ _{x,tot} 0.035 Non-designable 3 1 0.000 LC1 σ _{tot} 0.035 Non-designable 3 1 0.000 LC1 σ _{tot} 0.035 Non-designable 3 1 0.000 LC1 σ _{tot} 0.005 Non-designable 3 Part No. 1 On Line Part No. 1 1 Xik : 65.00 % 1 0.000 LC1 σ _{tot} 0.003 Non-designable 3 1 0.000 LC1 σ _{tot} 0.005 Non-designable 3 Part No. 1 On Line Part No. 1 1 Xik : 25.00 % 1 0.000 LC1 σ _{tot} 0.057 Non-designable 3 1 0.000 LC1 σ _{tot} 0.005 Non-designable 3 1 0.000 LC1 σ _{tot}									
Part No. 1 On Line Part No. 1 1 x _k : 60.00 % 1									
1		ı	0.000	LOI	eqv,von Mises	0.388		INOI FUESIGITABLE 🛂	
1	47	Part No.	1 On Line	Part No. 1 I 1	l x₁₁ : 60 00 %				
1 0.000 LC1 Ttot 0.035 Non-designable 48 Part No. 1 On Line Part No. 1 1 x ₄ : 65.00 % 1 0.000 LC1 σ _{x,tot} -2.400 Non-designable 1 0.000 LC1 σ _{x,tot} Non-designable	71				i'	-1 774		Non-designable 🙉	
1 0.000 LC1 Geqvvon Mises 1.775 Non-designable € Part No. 1 On Line Part No. 1 1 X _{t-k} : 65.00 % 1 0.000 LC1 G _{X,tot} 0.003 Non-designable € 1 0.000 LC1 G _{X,tot} 0.003 Non-designable € 1 0.000 LC1 G _{x,tot} 0.003 Non-designable € 1 0.000 LC1 G _{x,tot} 0.005 Non-designable € Part No. 1 On Line Part No. 1 1 X _{t-k} : 25.00 % 1 0.000 LC1 G _{X,tot} 0.122 Non-designable € 1 0.000 LC1 G _{x,tot} 0.980 Non-designable € Part No. 1 On Line Part No. 1 1 X _{t-k} : 47.50 % Part No. 1 On Line Part No. 1 1 X _{t-k} : 47.50 % 1 0.000 LC1 G _{x,tot} 1.376 Non-designable € 1 0.000 LC1 G _{x,tot} 1.376 Non-designable € 1 0.000 LC1 G _{x,tot} 1.38 Non-designable € 1 0.000 LC1 G _{x,tot} 1.391 Non-designable € 1 0.000 LC1 G _{x,tot} 1.391 Non-designable € 1 0.000 LC1 G _{x,tot} 1.391 Non-designable €									
Part No. 1 On Line Part No. 1 1 X _{1-k} : 65.00 % 1 0.000 LC1 0X _k tot -2.400 1 Non-designable									
1 0.000 LC1		•	5.000		- oqu,ron ivilada				
1 0.000 LC1	48	Part No.	1 On Line I	Part No. 1 1	x _{i-k} : 65.00 %				
1 0.000 LC1 Ttot 0.003 Non-designable 49 Part No. 1 On Line Part No. 1 1 x _{t-k} : 25.00 % 1 0.000 LC1 σ _{x,tot} −0.957 Non-designable 1 0.000 LC1 σ _{x,tot} −0.957 Non-designable 1 0.000 LC1 σ _{x,tot} 0.122 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.980 Non-designable 50 Part No. 1 On Line Part No. 1 1 x _{t-k} : 47.50 % 1 0.000 LC1 σ _{x,tot} 1.376 Non-designable 1 0.000 LC1 σ _{x,tot} 1.391 Non-designable 1 0.000 LC1 Non-designable 1 0.000 LC1 Non-designable 1 0.000 LC1 Non-designable 1 0.000 LC1 Non-designable						-2.400		Non-designable 😥	
1 0.000 LC1 σ _{eqv,von Mises} 2.400 Non-designable Part No. 1 On Line Part No. 1 1 x _{t-k} : 25.00 % 1 0.000 LC1 σ _{x,tot} 0.122 Non-designable Non									
49 Part No. 1 On Line Part No. 1 1 x _{t-k} : 25.00 % 1 0.000 LC1 σ _{x,tot} −0.957 Non-designable ↔ 1 0.000 LC1 T _{tot} 0.122 Non-designable ↔ 1 0.000 LC1 σ _{eqx,von Mises} 0.980 Non-designable ↔ 50 Part No. 1 On Line Part No. 1 1 x _{t-k} : 47.50 % 1 0.000 LC1 σ _{x,tot} 1.376 Non-designable ↔ 1 0.000 LC1 σ _{x,tot} 0.118 Non-designable ↔ 1 0.000 LC1 σ _{eqx,von Mises} 1.391 Non-designable ↔ 51 Part No. 1 On Line Part No. 1 1 x _{t-k} : 32.50 %									
1									
1	49	Part No.	1 On Line 1	Part No. 1 1	X _{i-k} : 25.00 %				
1 0.000 LC1 σ _{eqv,von Mises} 0.980 Non-designable For this indicates the sequence of the s				LC1	i'	-0.957		Non-designable 😧	
50 Part No. 1 On Line Part No. 1 1 x _{t-k} : 47.50 % 1 0.000 LC1 σ _{x,tot} 1.376 Non-designable ↔ 1 0.000 LC1 τ _{tot} 0.118 Non-designable ↔ 1 0.000 LC1 σ _{eqv,von Mises} 1.391 Non-designable ↔ 51 Part No. 1 On Line Part No. 1 1 x _{t-k} : 32.50 %		1	0.000	LC1	Ttot	0.122		Non-designable 🐼	
1 0.000 LC1 σ _{x,tot} 1.376 Non-designable 1 0.000 LC1 τ _{tot} 0.118 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 1.391 Non-designable 51 Part No. 1 On Line Part No. 1 1 x _{t-k} : 32.50 %		1	0.000	LC1	Geqv,von Mises	0.980		Non-designable 😵	
1 0.000 LC1 σ _{x,tot} 1.376 Non-designable 3 1 0.000 LC1 τ _{tot} 0.118 Non-designable 3 1 0.000 LC1 σ _{eqv,von Mises} 1.391 Non-designable 3 Part No. 1 On Line Part No. 1 1 x _{i-k} : 32.50 %									
1 0.000 LC1 T _{tot} 0.118 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 1.391 Non-designable 51 Part No. 1 On Line Part No. 1 1 x _{i-k} : 32.50 %	50	Part No.			x _{i-k} : 47.50 %				
1 0.000 LC1 σ _{eq,von Mises} 1.391 Non-designable € 51 Part No. 1 On Line Part No. 1 1 x _{i-k} : 32.50 %		1			σ _{x,tot}				
51 Part No. 1 On Line Part No. 1 1 x _{i+} : 32.50 %		1							
		1	0.000	LC1	Geqv,von Mises	1.391		Non-designable 😯	
		_							
1 0.000 LC1 σ _{x,tot} −1.307 Non-designable €	51				i .				
		1	0.000	LC1	σ _{x,tot}	-1.307		Non-designable 🕄	

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5.10 STRESSES BY STRESS POINTS

Finite Element Analysis

Stress	Member	Location	Loading	Stress	Stresses	[N/mm ²]	Stress	
Point No.	No.	x [m]	No.	Type	Existing	Limit	Ratio η []	
51	1	0.000	LC1	Ttot	0.003		Non-designable 🚱	
	1	0.000	LC1	σ _{eqv,von Mises}	1.307		Non-designable 🚱	
52	Part No.	1 On Line F	Part No. 1 1	X _{i-k} : 36.25 %				
	1	0.000	LC1	$\sigma_{x,tot}$	0.326		Non-designable 🚱	
	1	0.000	LC1	T _{tot}	0.017		Non-designable 🚱	
	1	0.000	LC1	σ _{eqv,von Mises}	0.327		Non-designable 🚱	
53	Part No.	1 On Line F	Part No. 1 1	x _{i-k} : 40.00 %				
	1	0.000	LC1	$\sigma_{x,tot}$	1.959		Non-designable 🚱	
	1	0.000	LC1	T _{tot}	0.003		Non-designable 🚱	
	1	0.000	LC1	σ _{eqv,von Mises}	1.959		Non-designable 😥	

5.11 ALL STRESSES BY STRESS POINTS

Paint No. No. Xip No. Type Estating Limit Ratio n c	Stress	Member	Location	Loading	Stress	Stresses [N/mn	n²] Stress	
Part No. 1 Carlesian Y: 0.0 mm Z: 0.0 mm				-				
1 0.000						Lationing	Little [[-]	
1 0.000 LC1 to						-0.137	Non-designable	
1 0.000 Crt 0xprocestates 0.137 Non-designable								
2 Part No. 1 On Line Part No. 1 1 x _{sc} : 87.50 % 1 0.000 LC1 total control contr								
1 0.000 LC1 flue 0.006 0.007 0.		ı	0.000	LCI	Veqv,von Mises	0.137	Norruesignable	•
1 0.000 LC1 for the comment of the	2	Part No	1 I On Line II	Part No. 1 I 1	Lv • 87 50 %			
1 0.000 LC1 to Conjugate Manuel Color State	2			-	i .	0.127	Non designable	ol .
1 0.000 LC1 Cocyonates 0.202 Non-designable 0.								
Part No. 1 On Line Part No. 1 1 Na. 175.00 %								
1 0.000 LC1 octor 1 0.000 LC1		' '	0.000	LCI	Veqv,von Mises	0.202	Norruesignable	∞
1 0.000 LC1 oc. 1 0.000 LC1 o	2	Port No	1 I On Line I I	Port No. 1 I 1	Lv 75 00 %			
1 0.000 LC1 Toz 0.003 Non-designable € 1 0.000 LC1 Guyconstates 0.0222 Non-designable € 1 0.000 LC1 Guyconstates 0.0222 Non-designable € 1 0.000 LC1 Toz 0.0154 Non-designable € 1 0.000 LC1 Toz 0.0154 Non-designable € 1 0.000 LC1 Toz 0.0255 Non-designable € 1 0.000 LC1 Toz 0.0255 Non-designable € 1 0.000 LC1 Toz 0.0154 Non-designable € 1 0.000 LC1 Toz 0.0156 Non-designable € 1 0.000 LC1 Toz 0.0157 Non-designable € 1 0.000 LC1 Toz 0.0159 Non-designable € 1 0.000 LC1 Toz 0.0059 Non-designable € 1 0.000 LC1 Toz 0.0059 Non-designable € 1 0.000 LC1 Toz 0.0059 Non-d	3					0.222	Non designable	ها
1								
Part No. 1 On Line Part No. 1 2 Xu. 26.67 % 1								
1 0.000 LC1 to tax 0.100 Non-designable of Non-		1	0.000	LCI	Ueqv,von Mises	0.222	Norruesignable	•
1 0.000 LC1 to tax 0.100 Non-designable of Non-	4	Dort No	1 I On Line I I	Port No. 1 I 2	Lv + 66 67 0/			
1 0.000 LC1 nx 0.285 Non-designable € N	4				ri .	0.400	Non designable	
1 0.000 LC1								
Part No. 1 On Line Part No. 1 2 x _x : 69.44 % 1								
1 0.000 LC1 G _{MCCONMisses} 0.167 Non-designable © Non-de		1	0.000	LUT	Veqv,von Mises	0.280	inon-designable	•
1 0.000 LC1	5	Dort No.	11001:001	Port No. 4 LO	Lv. + 60 44 9/			
1 0.000 LC1 true 0.167 Non-designable € 1 0.000 LC1 0xuz 0.082 Non-designable € 1 0.000 LC1 0xuz 0.082 Non-designable € 1 0.000 LC1 0xuz 0.039 Non-designable € 1 0.000 LC1 0xuz 0.039 Non-designable € 1 0.000 LC1 0xuz 0.054 Non-designable € 1 0.000 LC1 0xuz 0.054 Non-designable € 1 0.000 LC1 0xuz 0.157 Non-designable € 1 0.000 LC1 0xuz 0.076 Non-designable € 1 0.000 LC1 0xuz 0.076 Non-designable € 1 0.000 LC1 0xuz 0.076 Non-designable € 1 0.000 LC1 0xuz 0.018 Non-designable € 1 0.000 LC1 0xuz 0.016 Non-designable € 1 0.000 LC1 0xuz 0.018 Non-designable € 1 0.000 LC1 0xuz 0.008 Non-designable € 1 0.000 LC1 0xuz 0.008 Non-designable € 1 0.000 LC1 0xuz 0.018 Non-designable € 1 0.000 LC1 0xuz 0.018 Non-designable € 1 0.000 LC1 0xuz 0.012 Non-designable €	5				·	0.400	Name almost a 111	
1 0.000 LC1 Gepton Mass 0.315 Non-designable € Part No. 1 On Line Part No. 1 2 x _{ik} : 63.89 % 1 0.000 LC1 Test 0.139 Non-designable € 1 0.000 LC1 Test 0.139 Non-designable € 1 0.000 LC1 Growthes 0.254 Non-designable € 7 Part No. 1 On Line Part No. 1 2 x _{ik} : 72.22 % 1 0.000 LC1 Test 0.177 Non-designable € 1 0.000 LC1 Test 0.177 Non-designable € 1 0.000 LC1 Test 0.177 Non-designable € 8 Part No. 1 On Line Part No. 1 2 x _{ik} : 72.22 % 1 0.000 LC1 Test 0.118 Non-designable € 8 Part No. 1 On Line Part No. 1 2 x _{ik} : 61.11 % 1 0.000 LC1 Test 0.118 Non-designable € 1 0.000 LC1 Test 0.118 Non-designable € 9 Part No. 1 On Line Part No. 1 2 x _{ik} : 75.00 % 1 0.000 LC1 Test 0.118 Non-designable € 1 0.000 LC1 Growthes 0.218 Non-designable € 1 0.000 LC1 Growthes 0.359 Non-designable € 1 0.000 LC1 Growthes 0.359 Non-designable € 1 0.000 LC1 Growthes 0.359 Non-designable € 1 0.000 LC1 Test 0.176 Non-designable € 1 0.000 LC1 Growthes 0.359 Non-designable € 1 0.000 LC1 Test 0.094 Non-designable € 1 0.000 LC1 Test 0.095 Non-								
6 Part No. 1 On Line Part No. 1 2 x _{xx} : 63.89 % 1 0.000 LC1 Total 0.082 Non-designable € 1 0.000 LC1 Total 0.139 Non-designable € 1 0.000 LC1 Total 0.157 Non-designable € 1 0.000 LC1 Total 0.157 Non-designable € 1 0.000 LC1 Total 0.177 Non-designable € 1 0.000 LC1 Total 0.177 Non-designable € 1 0.000 LC1 Total 0.076 Non-designable € 1 0.000 LC1 Total 0.083 Non-designable € 1 0.000 LC1 Total 0.094 Non-designable € 1 0.000 LC1 Total 0.072 Non-designable €								
1 0.000 LC1 G _{kit} 0.082 Non-designable € Non-desi		1	0.000	LC1	Geqv,von Mises	0.315	Non-designable	U
1 0.000 LC1 G _{kit} 0.082 Non-designable € Non-desi		Dort No.	110-1:1	D-4 N- 4 LO	I CO 00 0/			
1 0.000 LC1 T _{tot} 0.139 Non-designable € Non-designable	ь				ľ.		No. 1. dec. 11.	
1								
7							3	_
1 0.000 LC1 T _{tot} 0.177 Non-designable 3 Non-designable 4 Non-designable		1	0.000	LC1	Oeqv,von Mises	0.254	Non-designable	u
1 0.000 LC1 T _{tot} 0.177 Non-designable 3 Non-designable 4 Non-designable	-	Dort No.	110-1:1	Down Nio 110	Lv 70 00 0/			
1 0.000 LC1 Test 0.345 Non-designable € 1 0.000 LC1 Gegovon Misses 0.345 Non-designable € 8 Part No. 1 On Line Part No. 1 2 x _k : 61.11 % 1 0.000 LC1 G _{tot} 0.118 Non-designable € 1 0.000 LC1 G _{tot} 0.118 Non-designable € 1 0.000 LC1 G _{tot} 0.118 Non-designable € 1 0.000 LC1 G _{tot} 0.191 Non-designable € 9 Part No. 1 On Line Part No. 1 2 x _k : 75.00 % 1 0.000 LC1 G _{tot} 0.191 Non-designable € 1 0.000 LC1 G _{tot} 0.359 Non-designable € 1 0.000 LC1 G _{tot} 0.359 Non-designable € 1 0.000 LC1 G _{tot} 0.359 Non-designable € 1 0.000 LC1 G _{tot} 0.083 Non-designable € 1 0.000 LC1 G _{tot} 0.083 Non-designable € 1 0.000 LC1 G _{tot} 0.083 Non-designable € 1 0.000 LC1 G _{tot} 0.094 Non-designable € 1 0.000 LC1 G _{tot} 0.094 Non-designable € 1 0.000 LC1 G _{tot} 0.094 Non-designable € 1 0.000 LC1 G _{tot} 0.038 Non-designable € 1 0.000 LC1 G _{tot} 0.039 Non-designable € 1 0.000 LC1 G _{tot} 0.023 Non-designable € 1 0.000 LC1 G _{tot} 0.023 Non-designable € 1 0.000 LC1 G _{tot} 0.023 Non-designable € 1 0.000 LC1 G _{tot} 0.0371 Non-designable € 1 0.000 LC1 G _{tot} 0.007 Non-designable €	/			•	i .	0.457	Non decimable	
1 0.000 LC1 σ _{eqvinon Misses} 0.345 Non-designable 3 Part No. 1 On Line Part No. 1 2 x _{i+k} : 61.11 % 1 0.000 LC1 σ _{x,tot} 0.076 Non-designable 3 1 0.000 LC1 T _{tot} 0.118 Non-designable 4 1 0.000 LC1 σ _{eqvinon Misses} 0.218 Non-designable 5 9 Part No. 1 On Line Part No. 1 2 x _{i+k} : 75.00 % 1 0.000 LC1 σ _{tot} 0.176 Non-designable 5 1 0.000 LC1 σ _{eqvinon Misses} 0.359 Non-designable 6 1 0.000 LC1 σ _{eqvinon Misses} 0.359 Non-designable 6 1 0.000 LC1 σ _{eqvinon Misses} 0.359 Non-designable 6 1 0.000 LC1 σ _{tot} 0.003 Non-designable 6 1 0.000 LC1 σ _{tot} 0.004 Non-designable 6 1 0.000 LC1 σ _{tot} 0.005 Non-designable 6 1 0.000 LC1 σ _{tot} 0.005 Non-designable 6 1 0.000 LC1 σ _{tot} 0.007 Non-designable 6								
8 Part No. 1 On Line Part No. 1 2 Xi _{tk} : 61.11 % 1 0.000								
1 0.000 LC1		1	0.000	LC1	Oeqv,von Mises	0.345	Non-designable	•
1 0.000 LC1		Dort No.	110-1:1	Down No. 110	Lv C1 11 0/			
1	8				ľ.	0.070	Non decimable	
1								
9								
1 0.000 LC1 Ttot 0.176 Non-designable ↓		1	0.000	LC1	Oeqv,von Mises	0.218	Non-designable	u
1 0.000 LC1 Ttot 0.176 Non-designable ↓		Dort No.	110-1:1	Down No. 4 I O	Lv 7E 00 0/			
1 0.000 LC1 Ttot 0.359 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.359 Non-designable 10 Part No. 1 On Line Part No. 1 2 x _{i-k} : 58.33 % 1 0.000 LC1 σ _{x,tot} 0.094 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.183 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.183 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.183 Non-designable 11 Part No. 1 On Line Part No. 1 2 x _{i-k} : 77.78 % 1 0.000 LC1 σ _{x,tot} 0.223 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.371 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.371 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.371 Non-designable 1 0.000 LC1 σ _{x,tot} 0.172 Non-designable 1 0.000 LC1 σ _{x,tot} 0.371 Non-designable 1 0.000 LC1 σ _{x,tot} 0.371 Non-designable 1 0.000 LC1 σ _{x,tot} 0.000 Non-designable 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable 1 0.000 LC1 σ _{x,tot} 0.0067	9				i	0.101	Non designable	
1								
10 Part No. 1 On Line Part No. 1 2 x _{4k} : 58.33 % 1 0.000 LC1 σ _{x,tot} 0.094 Non-designable ♀ 1 0.000 LC1 σ _{eqv,von Mises} 0.183 Non-designable ♀ 11 Part No. 1 On Line Part No. 1 2 x _{4k} : 77.78 % 1 0.000 LC1 σ _{x,tot} 0.223 Non-designable ♀ 11 0.000 LC1 σ _{tot} 0.172 Non-designable ♀ 1 0.000 LC1 σ _{eqv,von Mises} 0.371 Non-designable ♀ 1 0.000 LC1 σ _{eqv,von Mises} 0.371 Non-designable ♀ 12 Part No. 1 On Line Part No. 1 2 x _{4k} : 55.56 % 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable ♀ 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable ♀ 1 0.000 LC1 σ _{x,tot} 0.0067 Non-designable ♀						_		_
1		1	0.000	LUT	Geqv,von Mises	0.359	inon-designable	•
1	10	Dort No	1 I On Line I I	Port No. 110	Lv. + 50 22 0/			
1 0.000 LC1 Ttot 0.094 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.183 Non-designable 11 Part No. 1 On Line Part No. 1 2 x _{i-k} : 77.78 % 1 0.000 LC1 σ _{x,tot} 0.172 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.371 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.371 Non-designable 12 Part No. 1 On Line Part No. 1 2 x _{i-k} : 55.56 % 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable 1 0.000 LC1 σ _{x,tot} 0.0067 Non-designable 1 0.000 LC1 σ _{x,tot} 0.0067	10			-	i .	0.000	Nine deale (10)	
1								
11							_	-
1 0.000 LC1 σ _{x,tot} 0.223 Non-designable 3 Non-designa		1	0.000	LUT	Ueqv,von Mises	0.183	Non-designable	v
1 0.000 LC1 σ _{x,tot} 0.223 Non-designable 1 0.000 LC1 τ _{tot} 0.172 Non-designable 1 0.000 LC1 σ _{equvon Mises} 0.371 Non-designable 12 Part No. 1 On Line Part No. 1 2 x _k : 55.56 % 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable 1 0.000 LC1 σ _{x,tot} 0.067 Non-designable 1 0.000 LC1 σ _{x,tot} 0.067	44	Don't Mi	110-111	Don't No. 4 ! O	Lv 77 70 0/			
1 0.000 LC1 T _{tot} 0.172 Non-designable 10 0.000 LC1 σ _{eqv,von Mses} 0.371 Non-designable 12 Part No. 1 On Line Part No. 1 2 x _{4κ} : 55.56 % 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable 1 0.000 LC1 σ _{x,tot} 0.067 Non-designable 1 0.000 LC1 T _{tot} 0.067	TI				i	0.000	Name de Constitu	
1 0.000 LC1 σ _{eqv,von Mses} 0.371 Non-designable 12 Part No. 1 On Line Part No. 1 2 x _{t-k} : 55.56 % 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable 1 0.000 LC1 τ _{tot} 0.067 Non-designable 1 0.000 LC1 σ _{tot} 0.067								
12 Part No. 1 On Line Part No. 1 2 x₁k : 55.56 % 1 0.000 LC1 σ _{x,tot} 0.102 Non-designable € 1 0.000 LC1 τ _{tot} 0.067 Non-designable €								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		7	0.000	LCT	Oeqv,von Mises	0.3/1	Non-designable	⊍
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	40	Don't Mi	110-111	Cont No. 4 ! O	Lv EE EC 0/			
1 0.000 LC1 T _{tot} 0.067 Non-designable €	12				r .	0.400	A1 111111111111111111111	
i U.UUU LC1 G _{eqq,von Mises} U.154 Non-designable ₩								
		ī	0.000	LC1	Ueqv,von Mises	0.154	Non-designable	⊍

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Sheet 1

RESULTS

5.11 ALL STRESSES BY STRESS POINTS

Stress	Member	Location	Loading	Stress	Stresses [N	-	Stress	
Point No.	No.	x [m]	No.	Type	Existing	Limit	Ratio η []	
13				x _{i-k} : 80.56 %				
	1	0.000	LC1	$\sigma_{x,tot}$	0.250		Non-designable 🐼	
	1	0.000	LC1	T _{tot}	0.163		Non-designable 🚱	
	1	0.000	LC1	Teqv,von Mises	0.377		Non-designable 😥	
14	Dort No. 1	II On Line I	Dort No. 110	Lv 52 70 0/				
14	1 1	0.000	LC1	x _{i-k} : 52.78 %	0.131		Non-designable 😥	
		0.000		σ _{x,tot}	0.038			
	1			T _{tot}			Non-designable 😯	
	1	0.000	LC1	σ _{eqv,von Mises}	0.147		Non-designable 🕄	
15	Port No. 1	II On Line I	Port No. 1 L 2	x _{i-k} : 83.33 %				
13	1	0.000		σ _{x,tot}	0.270		Non-designable 😡	
	1	0.000	LC1	T _{tot}	0.148		Non-designable &	
	1	0.000			0.372		Non-designable &	
	1	0.000	LOI	Oeqv,von Mises	0.372		Noi ruesigi lable	
16	Part No. 1	IIOn Line I	Part No. 112	x _{i-k} : 50.00 %				
10	1	0.000		σ _{x,tot}	0.169		Non-designable 🚱	
	1	0.000		T _{tot}	0.010		Non-designable 😡	
	1	0.000		Oeqv,von Mises	0.169		Non-designable 😡	
	•	0.000	LOI	Oeqv,von Mises	0.103		1401 Fdesignable	
17	Part No. 1	IIOn Line I	Part No. 112	x _{i-k} : 86.11 %				
.,	1	0.000		σ _{x,tot}	0.283		Non-designable 设	
	1	0.000	LC1	T _{tot}	0.137		Non-designable &	
	1	0.000		Oeqv,von Mises	0.370		Non-designable 😡	
		0.000	LOI	eqv,von ivises	0.370		i voi ruesigi lable 🤝	
18	Part No. 1	ll On line l	Part No. 112	x _{i-k} : 47.22 %				
10	1	0.000		σ _{x,tot}	0.211		Non-designable 🚱	
	1	0.000		T _{tot}	0.032		Non-designable &	
	1	0.000	LC1		0.032		Non-designable &	
		0.000	LOI	Oeqv,von Mises	■ 0.210		i voi ruesigi iable 🤝	
19	Part No. 1	II On Line I	Part No. 112	x _{i-k} : 88.89 %				
13	1	0.000		σ _{x,tot}	0.289		Non-designable 😡	
	1	0.000	LC1	T _{tot}	0.124		Non-designable &	
	1	0.000			0.360		Non-designable &	
	ı	0.000	LCI	Geqv,von Mises	0.300		Noi ruesigi lable 📞	
20	Dort No. 1	II On Line I	Dort No. 1 L 2	1 2 1 1 1 1 1 0/				
20				x _{i-k} : 44.44 %	0.054		Non designable 🔕	
	1	0.000	LC1 LC1	σ _{x,tot}	0.254		Non-designable 🚱	
	1			Ttot	0.037		-	
	1	0.000	LC1	O _{eqv,von Mises}	0.272		Non-designable 🚱	
21	Dort No. 1	l I On Line I	Dort No. 110	x _{i-k} : 91.67 %				
21				r .	0.289		Non-designable 🚱	
	1	0.000	LC1	σ _{x,tot}	0.106		Non-designable 😡	
	1	0.000	LC1	T _{tot}	0.100		Non-designable 🐼	
	I	0.000	LCI	Geqv,von Mises	0.342		Non-designable 📞	
22	Part No. 1	IIOn line I	Part No. 112	x _{i-k} : 41.67 %				
22	1	0.000		ľ.	0.296		Non-designable 🚱	
	1	0.000	LC1	O _{x,tot}	0.082		Non-designable &	
	1			T _{tot}	0.082		Non-designable 🐼	
	ı	0.000	LCI	Oeqv,von Mises	■ 0.320		Non-designable 🐯	
23	Part No. 1	II On Line I	Part No. 112	x _{i-k} : 94.44 %				
20	1	0.000		σ _{x,tot}	0.285		Non-designable 😡	
	1	0.000		1 '	0.285		Non-designable 🐼	
	1	0.000		Ttot	0.320		Non-designable &	
	I	0.000	LUI	Geqv,von Mises	0.320		rvoi ruesigriable 🐯	
24	Part No. 1	IIOn line l	Part No. 112	x _{i-k} : 38.89 %				
24	1 1	0.000		σ _{x,tot}	0.335		Non-designable 🚱	
	1	0.000		T _{tot}	0.105		Non-designable 😡	
	1	0.000		Ttot Geqv,von Mises	0.381		Non-designable 🐼	
	1	0.000	LOI	✓eqv,von rvises	0.301		i voi ruesigi iable 🥨	
25	Part No. 1	I On Line	Part No. 112	x _{i-k} : 97.22 %				
20	1	0.000		·	0.280		Non-designable 😥	
	1	0.000		O _{x,tot}	0.280		Non-designable 😡	
	1	0.000		Ttot	0.297		Non-designable 😡	
	1	0.000	LOI	Geqv,von Mises	0.231		i voi rucsigi lable 🤝	
26	Part No. 1	II On Line I	Part No. 112	x _{i-k} : 36.11 %				
20	1 1	0.000		σ _{x,tot}	0.367		Non-designable 🚱	
	1	0.000			0.126		Non-designable 🐼	
				Ttot				
	1	0.000	LC1	Geqv,von Mises	0.428		Non-designable 😥	
27	Dort No. 4	I I On Line !	Dort No. 4 I 4	Lv 5 00 0/				
27				x _{i-k} : 5.00 %	0.005		New designs 11	
	1	0.000		σ _{x,tot}	0.865		Non-designable 😯	
	1	0.000		T _{tot}	0.047		Non-designable 🔾	
	1	0.000	LC1	Geqv,von Mises	0.869		Non-designable 🚱	
00	D		D-431-41-					
28			Part No. 1 2		- 0.070		No. 1	
	1	0.000	LC1	σ _{x,tot}	0.276		Non-designable 😡	

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		Sheet	1
	RES	ULTS	

5.11 ALL STRESSES BY STRESS POINTS

28	Stress	Member	Location	Loading	Stress	Stresses [N	-	Stress	
1	Point No.						Limit	Ratio η []	
Part No. 1 On Line Part No. 1 1 Nax; 70.00 %	28							•	
1		1	0.000	LC1	σ _{eqv,von Mises}	0.280		Non-designable 😂	
1	20	Dort No.	1 On inc	Dort No. 1 I 1	Lv 70 00 9/				
1	29				i i	1,000		Non designable	
1									
Part No. 1 On Line Part No. 1 2 xx : 33.33 % 1								0 -	
1 0.000 LCT Court 0.382 Non-designable 0 1 0.000 LCT Court 0.444 Non-designable 0 1 1 0.000 LCT Court 0.444 Non-designable 0 1 0.000 LCT Court 0.444 Non-designable 0 1 0.000 LCT Court 0.275 Non-designable 0 1 0.000 LCT Court 0.279 Non-designable 0 1 0.000 LCT Court 0.279 Non-designable 0 1 0.000 LCT Court 0.444 Non-designable 0 1 0.000 LCT Court 0.445 Non-designable 0 Non-designable 0 1 0.000 LCT Court 0.445 Non-designable 0 Non-designable 0 1 0.000 LCT Court 0.445 Non-designable 0 Non-desig		'	0.000	LOI	Oeqv,von Mises	1.031		Noi ruesigi lable 🐼	
1 0.000 LCT Court 0.382 Non-designable 0 1 0.000 LCT Court 0.444 Non-designable 0 1 1 0.000 LCT Court 0.444 Non-designable 0 1 0.000 LCT Court 0.444 Non-designable 0 1 0.000 LCT Court 0.275 Non-designable 0 1 0.000 LCT Court 0.279 Non-designable 0 1 0.000 LCT Court 0.279 Non-designable 0 1 0.000 LCT Court 0.444 Non-designable 0 1 0.000 LCT Court 0.445 Non-designable 0 Non-designable 0 1 0.000 LCT Court 0.445 Non-designable 0 Non-designable 0 1 0.000 LCT Court 0.445 Non-designable 0 Non-desig	30	Part No.	1 I On Line I I	Part No. 1 I 2	l x · 33 33 %				
1 0.000 LCT Tau 0.143 Non-designable © Non-designa	00				í l	0.392		Non-designable 😥	
1		-						-	
Part No. 1 On Line Part No. 1 2 x _x : 2.78 % 1 0.000 LC1 0.xx 0.275 Non-designable © No						_			
1 0.000 LC1 Total 0.000 LC1 T					- oqi,rommooo		ı	There allowed the second	
1 0.000 LC1 Tot 0.006 Non-designable 0	31	Part No.	1 On Line F	Part No. 1 2	! x _{i-k} : 2.78 %				
1 0.000 LC1 Tour 0.026 Non-designable ○		1	0.000	LC1	$\sigma_{x,tot}$	0.275		Non-designable 😧	
Part No. 1 On Line Part No. 1 2 xu : 30.56 %		1	0.000	LC1	Ttot	0.026		Non-designable 😧	
1 0.000 LC1 5to 1 0.000 LC1 5		1	0.000	LC1	σ _{eqv,von Mises}	0.279		Non-designable 😡	
1 0.000 LC1									
1 0.000 LC1 true 0.494 Non-designable ○ 1 0.000 LC1 true 0.494 Non-designable ○ 1 0.000 LC1 true 0.000 LC1 true 0.000 Non-designable ○ 1 0.000 LC1 true 0.0180 Non-designable ○ 1 0.000 LC1 true 0.004 Non-designable ○ 1 0.000 LC1 true 0.006 Non-designable ○ 1 0.000 LC1 true 0.0186 Non-designable ○ 1 0.000 LC1 true 0.0187 Non-designable ○ 1 0.000 LC1 true 0.0180 Non-designable	32	Part No.	1 On Line I	Part No. 1 2	! x _{i-k} : 30.56 %				
1 0.000 LC1					σ _{x,tot}				
Part No. 1 On Line Part No. 1 2 x _s : 5.56 % 1					T _{tot}				
1 0.000 LC1 or.xx		1	0.000	LC1	Geqv,von Mises	0.494		Non-designable 🚱	
1 0.000 LC1 or.xx									
1 0.000 LC1 Tot Conjugate (1) 0.061 Non-designable (2) Non-designable (3) Non-designable (4) Non-designable (4) Non-designable (4) Non-designable (5) Non-designable (4) Non-designable (5) Non-designable (6) Non-designable	33								
1 0.000 LC1								-	
Part No. 1 On Line Part No. 1 2 Xu.: 27.78 %									
1 0.000 LC1		1	0.000	LC1	O _{eqv,von Mises}	0.300		Non-designable 🐼	
1 0.000 LC1	0.4	D- 111	410-11-11	D-4 N - 4 ' 2	.l 07 70 °′				
1 0.000 LC1 fur	34					=0.44F		Non-design 11 A	
1 0.000 LC1 0 _{specton Mass} 0.519 Non-designable € Part No. 1 On Line Part No. 1 2 x _{ix} : 8.33 % 1 0.000 LC1 0 _{specton Mass} 0.094 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.334 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.334 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.412 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.523 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.523 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.523 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.309 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.309 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.309 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.376 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.376 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.376 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.399 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.399 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.514 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.514 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.514 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.514 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.421 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.421 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.421 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.421 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.494 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.494 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.494 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.494 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.494 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0 _{specton Mass} 0.499 Non-designable € 1 0.000 LC1 0						_		0 -	
Part No. 1 On Line Part No. 1 2 X _k : 8.33 % 1								-	
1 0.000 LC1 7c, as 0.094 Non-designable 3 Non-designable 3 Non-designable 3 Non-designable 3 Non-designable 3 Non-designable 3 Non-designable 4 Non-designable 5 Non-designable 6 Non-designable		1	0.000	LCI	Oeqv,von Mises	0.519		Non-designable 🛂	
1 0.000 LC1	25	Dort No.	1 I On Line I I	Dort No. 1 L 2	U.v. + 0 22 0/				
1 0.000 LC1 Tot 0.000 LC1 Tot 0.000 LC1 Sequentiate 0.0334 Non-designable 0.0334 Non-de	33				ľ I	0.201		Non designable	
1 0.000 LC1 Gegoven Merce 0.334 Non-designable € Part No. 1 On Line Part No. 1 2 X _{th} : 25.00 %									
Part No. 1 On Line Part No. 1 2 x _{sk} : 25.00 %									
1 0.000 LC1 Tate		'	0.000	LCI	Oeqv,von ivises	0.554		Noi Fuesigi lable	
1 0.000 LC1 Tate	36	Part No.	1 I On Line I I	Part No. 1 I 2	1 x · 25 00 %				
1 0.000 LC1 Tot 0.523 Non-designable 3	00				í .	0.412		Non-designable 😥	
1 0.000 LC1									
Part No. 1 On Line Part No. 1 2 X _{tk} : 11.11 %								-	
1		•			- oqi,rommooo				
1 0.000 LC1 T _{tot} 0.124 Non-designable № 1 0.000 LC1 T _{tot} 0.124 Non-designable № 1 0.000 LC1 O _{Equivon Misses} 0.376 Non-designable № 1 0.000 LC1 O _{Equivon Misses} 0.376 Non-designable № 1 0.000 LC1 O _{Equivon Misses} 0.399 Non-designable № 1 0.000 LC1 T _{tot} 0.187 Non-designable № 1 0.000 LC1 T _{tot} 0.187 Non-designable № 1 0.000 LC1 O _{Equivon Misses} 0.514 Non-designable № 1 0.000 LC1 T _{tot} 0.1514 Non-designable № 1 0.000 LC1 O _{Equivon Misses} 0.514 Non-designable № 1 0.000 LC1 T _{tot} 0.150 Non-designable № 1 0.000 LC1 T _{tot} 0.150 Non-designable № 1 0.000 LC1 O _{Equivon Misses} 0.421 Non-designable № 1 0.000 LC1 T _{tot} 0.380 Non-designable № 1 0.000 LC1 T _{tot} 0.494 Non-designable № 1 0.000 LC1 T _{tot} 0.460 Non-designable № 1 0.000 LC1 T _{tot} 0.460 Non-designable № 1 0.000 LC1 T _{tot} 0.460 Non-designable № 1 0.000 LC1 T _{tot} 0.189 Non-designable № 1 0.000 LC1 T _{tot} 0.189 Non-designable № 1 0.000 LC1 T _{tot} 0.113 Non-designable № 1 0.000 LC1 T _{tot} 0.113 Non-designable № 1 0.000 LC1 T _{tot} 0.0113 Non-designable № 1 0.000 LC1 T _{tot} 0.0119 Non-designable № 1 0.000 LC1 T _{tot} 0.000 LC1	37	Part No.	1 On Line F	Part No. 1 2	! x _{i-k} : 11.11 %				
1 0.000 LC1 Text 0.376 Non-designable €						0.309		Non-designable 😔	
Part No. 1 On Line Part No. 1 2 X _{4k} : 22.22 % 1		1	0.000	LC1		0.124		Non-designable 😧	
1 0.000 LC1		1	0.000	LC1	Geqv,von Mises	0.376		Non-designable 😧	
1 0.000 LC1									
1	38		1 On Line I	Part No. 1 2	! x _{i-k} : 22.22 %				
1 0.000 LC1 σ _{eqvvon Mises} 0.514 Non-designable 3 Part No. 1 On Line Part No. 1 2 X _{i+k} : 13.89 % 1 0.000 LC1 σ _{x,tot} 0.150 Non-designable 3 1 0.000 LC1 σ _{eqvvon Mises} 0.421 Non-designable 3 1 0.000 LC1 σ _{eqvvon Mises} 0.421 Non-designable 3 40 Part No. 1 On Line Part No. 1 2 X _{i-k} : 19.44 % 1 0.000 LC1 σ _{x,tot} 0.380 Non-designable 3 1 0.000 LC1 σ _{eqvvon Mises} 0.494 Non-designable 3 1 0.000 LC1 σ _{eqvvon Mises} 0.494 Non-designable 3 41 Part No. 1 On Line Part No. 1 2 X _{i-k} : 16.67 % 1 0.000 LC1 σ _{x,tot} 0.356 Non-designable 3 41 Part No. 1 On Line Part No. 1 2 X _{i-k} : 16.67 % 1 0.000 LC1 σ _{x,tot} 0.169 Non-designable 3 42 Part No. 1 Cartesian Part No. 1 Y: 491.0 mm Z: 360.1 mm 1 0.000 LC1 σ _{x,tot} 0.031 Non-designable 3 43 Part No. 1 On Line Part No. 1 1 X _{i-k} : 1.000 %		1			σ _{x,tot}				
Part No. 1 On Line Part No. 1 2 x _{kk} : 13.89 % 1 0.000 LC1 σ _{x,tot} 0.150 Non-designable		1			T _{tot}				
1		1	0.000	LC1	O _{eqv,von Mises}	0.514		Non-designable 😡	
1		_							
1	39				í i				
1									
40									
1 0.000 LC1 Ttot 0.182 Non-designable 3		1	0.000	LC1	σ _{eqv,von Mises}	0.421		Non-designable 🚱	
1 0.000 LC1 Ttot 0.182 Non-designable 3	40	B	410.11		40.44.07				
1 0.000 LC1 Tot	40	Part No.			i i	-0.055		N	
1		1						0 -	
41 Part No. 1 On Line Part No. 1 2 x _{kk} : 16.67 % 1 0.000 LC1 σ _{x,tot} 0.356 Non-designable ω 1 0.000 LC1 Tlot 0.169 Non-designable ω 1 0.000 LC1 σ _{eqv,von Mises} 0.460 Non-designable ω 42 Part No. 1 Cartesian Part No. 1 Y : 491.0 mm Z : 360.1 mm 1 0.000 LC1 σ _{x,tot} 0.031 Non-designable ω 1 0.000 LC1 σ _{eqv,von Mises} 0.113 Non-designable ω 1 0.000 LC1 σ _{eqv,von Mises} 0.199 Non-designable ω 43 Part No. 1 On Line Part No. 1 1 x _{kk} : 10.00 %									
1		1	0.000	LC1	Oeqv,von Mises	0.494		inon-designable 🐼	
1	44	Don't Mi	110-1:	Dort No. 4 LO	U 16 67 0/				
1 0.000 LC1 Ttot 0.169 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.460 Non-designable 42 Part No. 1 Cartesian Part No. 1 Y : 491.0 mm Z : 360.1 mm 1 0.000 LC1 σ _{x,tot} 0.031 Non-designable 1 0.000 LC1 Ttot 0.113 Non-designable 1 0.000 LC1 σ _{eqv,von Mises} 0.199 Non-designable 43 Part No. 1 On Line Part No. 1 1 x _{tk} : 10.00 %	41					= 0.2EC		Non designable	
1 0.000 LC1 σ _{eqv,von Mises} ■0.460 Non-designable 3 42 Part No. 1 Cartesian Part No. 1 Y : 491.0 mm Z : 360.1 mm 1 0.000 LC1 σ _{x,tot} 0.031 Non-designable 3 1 0.000 LC1 Τ _{tot} 0.113 Non-designable 3 1 0.000 LC1 σ _{eqv,von Mises} ■0.199 Non-designable 3 43 Part No. 1 On Line Part No. 1 1 x _t : 10.00 %									
42 Part No. 1 Cartesian Part No. 1 Y : 491.0 mm Z : 360.1 mm 1 0.000 LC1 σ _{x,tot} 0.031 Non-designable 1 0.000 LC1 T _{tot} 0.113 Non-designable 1 0.000 LC1 σ _{equ/yon Mises} 0.199 Non-designable 43 Part No. 1 On Line Part No. 1 1 x ₄ : 10.00 %									
1 0.000 LC1 σ _{x,tot} 0.031 Non-designable 3 1 0.000 LC1 T _{tot} 0.113 Non-designable 3 1 0.000 LC1 σ _{eqv,von Mises} 0.199 Non-designable 3 Part No. 1 On Line Part No. 1 1 x _k : 10.00 %		1	0.000	LUI	✓eqv,von Mises	U.40U		Non-designable 🐸	
1 0.000 LC1 σ _{x,tot} 0.031 Non-designable 3 1 0.000 LC1 T _{tot} 0.113 Non-designable 3 1 0.000 LC1 σ _{eqv,von Mises} 0.199 Non-designable 3 Part No. 1 On Line Part No. 1 1 x _{t-k} : 10.00 %	42	Part No.	1 Cartesian	Part No. 1	V · 491 0 mm 7 · 260 4	l mm			
1 0.000 LC1 τ _{tot} 0.113 Non-designable 1 0.000 LC1 σ _{eqv,von Mses} 0.199 Non-designable 43 Part No. 1 On Line Part No. 1 1 x _{4*} : 10.00 %	42							Non-decianable 🔯	
1 0.000 LC1 σ _{eqv,von Mses} ■ 0.199 Non-designable 3 Part No. 1 On Line Part No. 1 1 x _{t-k} : 10.00 %		-							
43 Part No. 1 On Line Part No. 1 1 x ₄ : 10.00 %									
			0.000	LOI	Ceqv,von ivilses	■ 0.133		i toi rucsigi labic 🤝	
	43	Part No.	1 I On Line II	Part No. 1 I 1	l x _{i-k} : 10.00 %				
I U.UUU LC I Uxtat IIOO.3 INON-DESIGNADIE 1.4	.0	1	0.000	LC1	σ _{x,tot}	1.883		Non-designable 🐼	
1 0.000 LC1 T _{tot} 0.003 Non-designable €									
1 0.000 LC1 σ _{eqv,von Mises} 1.883 Non-designable €									

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	Sheet	1
RES	ULTS	

5.11 ALL STRESSES BY STRESS POINTS

Stress	Member	Location	Loading	Stress	Stresses [N/mm²]	Stress	
Point No.	No.	x [m]	No.	Type	Existing	Limit	Ratio η []	
44	Part No.	1 On Line	Part No. 1 1	x _{i-k} : 13.75 %				
	1	0.000	LC1	$\sigma_{x,tot}$	1.500		Non-designable 🐼	
	1	0.000	LC1	T _{tot}	0.105		Non-designable 😡	
	1	0.000	LC1	Oeqv,von Mises	1.511		Non-designable 😡	
				- 541,1611111000			11011 00019100010	
45	Part No.	1 On Line	Part No. 1 I 1	x _{i-k} : 17.50 %				
	1	0.000	LC1	σ _{x,tot}	0.359		Non-designable 🚷	
	1	0.000	LC1	T _{tot}	0.493		Non-designable 🕹	
	1	0.000	LC1	σ _{eqv,von Mises}	0.926		Non-designable 🕹	
				- 041,7017111000				
46	Part No.	1 On Line	Part No. 1 I 1	x _{i-k} : 55.00 %				
	1	0.000	LC1	σ _{x,tot}	-0.192		Non-designable 😧	
	1	0.000	LC1	Ttot	0.202		Non-designable 😡	
	1	0.000	LC1	σ _{eqv,von Mises}	0.399		Non-designable &	
		0.000		- cqv,voiriviscs			11011 G00.911G2.0	
47	Part No.	1 I On Line I I	Part No. 1 I 1	x _{i-k} : 60.00 %				
	1	0.000	LC1	σ _{x,tot}	-1.774		Non-designable 🐼	
	1	0.000	LC1	T _{tot}	0.035		Non-designable &	
	1	0.000	LC1	Oeqv,von Mises	1.775		Non-designable &	
	·	0.000	201	Oeqv, voir ivises	10		11011 deolgrapio	
48	Part No	1 I On Line II	Part No. 1 I 1	x _{i-k} : 65.00 %				
70	1	0.000	LC1	σ _{x,tot}	-2.400		Non-designable 😥	
	1	0.000	LC1	Ttot	0.003		Non-designable &	
	1	0.000	LC1	Gegv,von Mises	2.400		Non-designable &	
		0.000	LOI	Veqv,von ivises	2.400		Noi ruesigi lable	
49	Part No.	1 I On Line II	Part No. 1 I 1	x _{i-k} : 25.00 %				
40	1	0.000	LC1	σ _{x,tot}	-0.957		Non-designable 🐼	
	1	0.000	LC1	Ttot	0.122		Non-designable &	
	1	0.000	LC1	Oeqv,von Mises	0.980		Non-designable &	
	·	0.000	201	Oeqv,vorrivises	0.500		14011 designable	
50	Part No.	1 I On Line II	Part No. 1 I 1	x _{i-k} : 47.50 %				
00	1	0.000		σ _{x,tot}	1.376		Non-designable 🐼	
	1	0.000	LC1	T _{tot}	0.118		Non-designable &	
	1	0.000	LC1	Gegv,von Mises	1.391		Non-designable &	
		0.000	LOI	Oeqv,von ivises	1.001		Noi ruesigi lable	
51	Part No.	1 I On Line II	Part No. 1 I 1	x _{i-k} : 32.50 %				
JI	1	0.000	LC1	σ _{x,tot}	-1.307		Non-designable 😡	
	1	0.000	LC1	T _{tot}	0.003		Non-designable 🐼	
	1	0.000	LC1		1.307		Non-designable &	
	1	0.000	LUI	Geqv,von Mises	1.307		Noi Fuesigi iable 🐯	
52	Dort No	1 I On Line II	Port No. 1 ! 1	x _{i-k} : 36.25 %				
32	1 Part No.	0.000	LC1	X _{i-k} : 30.25 %	0.326		Non-designable 😧	
	1	0.000	LC1	,	0.326		0 -	
	1			T _{tot}			Non-designable 🔾	
	l l	0.000	LC1	Geqv,von Mises	0.327		Non-designable 🚱	
F 2	Dort No.	1 I On Line II	Dort No. 1 I 4	x _{i-k} : 40.00 %				
53					1.050		Non designable	
	1	0.000	LC1	σ _{x,tot}	1.959		Non-designable 🕡	
	1	0.000	LC1	T _{tot}	0.003		Non-designable 🖸	
	1	0.000	LC1	σ _{eqv,von Mises}	1.959		Non-designable 🚱	