

P03_02 – Vnitřní síly z výpočetních modelů

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MSP ZAČÁTEK ŽIVOTNOSTI

CHAR_01 - ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-35578,000	16,678	1762,740	2,497	-16181,800	210,889	19 - SHAPE-MASSIVE PR_01
	135	1,004	-35571,200	16,121	1689,000	2,497	-14448,800	194,421	
2	135	0,000	-35571,200	16,121	1689,000	2,497	-14448,800	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-35564,500	15,563	1615,630	2,497	-12789,500	178,512	
3	136	0,000	-35564,500	15,563	1615,630	2,497	-12789,500	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-35557,800	15,006	1542,690	2,497	-11203,700	163,164	
4	137	0,000	-35557,800	15,006	1542,690	2,497	-11203,700	163,164	22 - SHAPE-MASSIVE PR_04
	138	1,004	-35551,200	14,449	1470,550	2,497	-9690,790	148,374	
5	138	0,000	-35551,200	14,449	1470,550	2,497	-9690,790	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-35544,600	13,891	1398,530	2,497	-8250,240	134,145	
6	139	0,000	-35544,600	13,891	1398,530	2,497	-8250,240	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-35538,000	13,334	1327,010	2,497	-6881,760	120,475	
7	140	0,000	-35538,000	13,334	1327,010	2,497	-6881,760	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-35531,500	12,777	1255,960	2,497	-5584,860	107,365	
8	141	0,000	-35531,500	12,777	1255,960	2,497	-5584,860	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-35525,000	12,220	1185,390	2,497	-4359,070	94,814	
9	142	0,000	-35525,000	12,220	1185,390	2,497	-4359,070	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-35518,600	11,662	1115,380	2,497	-3203,860	82,823	
10	143	0,000	-35518,600	11,662	1115,380	2,497	-3203,860	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-35512,300	11,105	1045,940	2,497	-2118,670	71,392	
11	144	0,000	-35512,300	11,105	1045,940	2,497	-2118,670	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-35506,000	10,548	976,996	2,497	-1102,960	60,520	
12	145	0,000	-35506,000	10,548	976,996	2,497	-1102,960	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35499,700	9,990	908,632	2,497	-156,193	50,208	
13	146	0,000	-35499,700	9,990	908,632	2,497	-156,193	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35493,500	9,433	840,839	2,497	722,210	40,456	
14	147	0,000	-35493,500	9,433	840,839	2,497	722,210	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35487,300	8,876	773,659	2,497	1532,840	31,264	
15	148	0,000	-34819,900	8,732	692,239	2,477	1391,810	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-34813,800	8,174	625,673	2,477	2053,530	22,653	
16	149	0,000	-34762,700	8,185	-45,687	2,482	2052,650	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-34756,600	7,628	-111,582	2,482	1973,690	14,565	
17	150	0,000	-34754,900	7,642	-616,484	2,488	1974,100	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-34748,900	7,084	-681,383	2,488	1322,450	7,036	
18	151	0,000	-35101,500	7,122	-815,442	2,496	1346,930	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-35095,100	6,571	-885,276	2,496	501,539	0,117	
19	122	0,000	-70,807	6,670	769,636	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-68,262	6,448	741,973	2,500	302,322	-2,623	
20	123	0,000	-13401,000	6,113	247,739	2,417	349,129	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13395,600	5,556	179,314	2,417	563,321	-12,302	
21	124	0,000	-13384,500	5,556	-98,475	2,368	557,938	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13379,500	4,999	-165,789	2,368	425,435	-17,603	
22	125	0,000	-13369,100	4,999	-60,910	1,859	425,026	-17,664	40 - SHAPE-MASSIVE PR_22

	126	1,001	-13366,000	4,444	-127,116	1,859	330,914	-22,391	
23	126	0,000	-13375,000	4,444	-47,998	2,215	331,890	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13370,900	3,888	-113,162	2,215	251,155	-26,532	
24	127	0,000	-13368,700	3,888	5,053	2,004	251,527	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13365,200	3,332	-59,011	2,004	224,509	-30,164	
25	128	0,000	-13362,700	3,332	6,766	1,823	224,084	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13359,600	2,776	-56,201	1,823	199,339	-33,233	
26	129	0,000	-13360,300	2,776	48,683	1,591	197,814	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13357,700	2,221	-13,262	1,591	215,540	-35,745	
27	130	0,000	-13364,200	2,221	78,409	1,306	210,146	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-13362,200	1,665	17,556	1,306	258,154	-37,701	
28	131	0,000	-13374,600	1,665	83,086	1,079	249,247	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13373,000	1,110	23,355	1,079	302,487	-39,097	
29	132	0,000	-13398,700	1,110	153,980	1,079	287,525	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13397,200	0,555	95,285	1,079	412,203	-39,929	
30	133	0,000	-13437,700	0,555	174,531	0,201	384,309	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13437,400	0,000	116,938	0,201	530,046	-40,221	

CHAR_02 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z		
1	1	0,000	-33957,300	16,678	1775,370	2,497	-16591,300	210,889	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-33950,600	16,121	1701,630	2,497	-14845,500	194,421		
2	135	0,000	-33950,600	16,121	1701,630	2,497	-14845,500	194,421	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-33943,800	15,563	1628,270	2,497	-13173,600	178,512		
3	136	0,000	-33943,800	15,563	1628,270	2,497	-13173,600	178,512	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-33937,200	15,006	1555,330	2,497	-11575,100	163,164		
4	137	0,000	-33937,200	15,006	1555,330	2,497	-11575,100	163,164	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-33930,600	14,449	1483,190	2,497	-10049,500	148,374		
5	138	0,000	-33930,600	14,449	1483,190	2,497	-10049,500	148,374	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-33924,000	13,891	1411,160	2,497	-8596,230	134,145		
6	139	0,000	-33924,000	13,891	1411,160	2,497	-8596,230	134,145	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-33917,400	13,334	1339,640	2,497	-7215,060	120,475		
7	140	0,000	-33917,400	13,334	1339,640	2,497	-7215,060	120,475	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-33910,900	12,777	1268,590	2,497	-5905,480	107,365		
8	141	0,000	-33910,900	12,777	1268,590	2,497	-5905,480	107,365	26 - SHAPE-MASSIVE PR_08	
	142	1,004	-33904,400	12,220	1198,020	2,497	-4667,000	94,814		
9	142	0,000	-33904,400	12,220	1198,020	2,497	-4667,000	94,814	27 - SHAPE-MASSIVE PR_09	
	143	1,004	-33898,000	11,662	1128,020	2,497	-3499,100	82,823		
10	143	0,000	-33898,000	11,662	1128,020	2,497	-3499,100	82,823	28 - SHAPE-MASSIVE PR_10	
	144	1,004	-33891,600	11,105	1058,580	2,497	-2401,220	71,392		
11	144	0,000	-33891,600	11,105	1058,580	2,497	-2401,220	71,392	29 - SHAPE-MASSIVE PR_11	
	145	1,004	-33885,300	10,548	989,632	2,497	-1372,820	60,520		
12	145	0,000	-33885,300	10,548	989,632	2,497	-1372,820	60,520	30 - SHAPE-MASSIVE PR_12	
	146	1,004	-33879,000	9,990	921,268	2,497	-413,367	50,208		
13	146	0,000	-33879,000	9,990	921,268	2,497	-413,367	50,208	31 - SHAPE-MASSIVE PR_13	
	147	1,004	-33872,800	9,433	853,474	2,497	477,724	40,456		
14	147	0,000	-33872,800	9,433	853,474	2,497	477,724	40,456	32 - SHAPE-MASSIVE PR_14	
	148	1,004	-33866,700	8,876	786,295	2,497	1301,050	31,264		
15	148	0,000	-33200,100	8,732	705,541	2,477	1161,660	31,141	33 - SHAPE-MASSIVE PR_15	
	149	1,004	-33194,100	8,174	638,974	2,477	1836,730	22,653		
16	149	0,000	-33139,200	8,185	-4,277	2,482	1839,060	22,505	34 - SHAPE-MASSIVE PR_16	
	150	1,004	-33133,100	7,628	-70,173	2,482	1801,680	14,565		
17	150	0,000	-33126,400	7,642	-553,770	2,488	1808,320	14,429	35 - SHAPE-MASSIVE PR_17	
	151	1,004	-33120,400	7,084	-618,670	2,488	1219,640	7,036		
18	151	0,000	-33453,100	7,122	-746,107	2,496	1250,510	6,924	36 - SHAPE-MASSIVE PR_18	
	184	0,994	-33446,700	6,571	-815,941	2,496	474,055	0,117		
19	122	0,000	-70,806	6,670	769,636	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19	
	219	0,400	-68,261	6,448	741,973	2,500	302,322	-2,623		
20	123	0,000	-12773,400	6,113	265,305	2,417	366,854	-6,449	38 - SHAPE-MASSIVE PR_20	

	124	1,003	-12768,000	5,556	196,880	2,417	598,667	-12,302	
21	124	0,000	-12759,600	5,556	-70,172	2,368	597,680	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-12754,600	4,999	-137,486	2,368	493,560	-17,603	
22	125	0,000	-12748,000	4,999	-36,881	1,859	496,838	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-12745,000	4,444	-103,087	1,859	426,780	-22,391	
23	126	0,000	-12757,900	4,444	-27,276	2,215	430,361	-22,358	41 - SHAPE-MASSIVE PR_23
24	127	0,000	-12757,200	3,888	21,005	2,004	372,001	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-12753,800	3,332	-43,059	2,004	360,958	-30,164	
25	128	0,000	-12757,800	3,332	20,013	1,823	360,587	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-12754,800	2,776	-42,953	1,823	349,104	-33,233	
26	129	0,000	-12762,300	2,776	57,821	1,591	346,669	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-12759,800	2,221	-4,124	1,591	373,540	-35,745	
27	130	0,000	-12773,300	2,221	84,035	1,306	366,154	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-12771,300	1,665	23,182	1,306	419,791	-37,701	
28	131	0,000	-12790,900	1,665	86,249	1,079	408,073	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-12789,300	1,110	26,518	1,079	464,477	-39,097	
29	132	0,000	-12821,000	1,110	152,360	1,079	446,322	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-12819,400	0,555	93,665	1,079	569,379	-39,929	
30	133	0,000	-12864,600	0,555	170,284	0,201	537,898	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-12864,300	0,000	112,690	0,201	679,387	-40,221	

CHAR_03 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-35539,500	16,678	1718,390	2,497	-15388,000	210,889	19 - SHAPE-MASSIVE PR_01
	135	1,004	-35532,700	16,121	1644,650	2,497	-13699,500	194,421	
2	135	0,000	-35532,700	16,121	1644,650	2,497	-13699,500	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-35526,000	15,563	1571,290	2,497	-12084,800	178,512	
3	136	0,000	-35526,000	15,563	1571,290	2,497	-12084,800	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-35519,300	15,006	1498,340	2,497	-10543,500	163,164	
4	137	0,000	-35519,300	15,006	1498,340	2,497	-10543,500	163,164	22 - SHAPE-MASSIVE PR_04
	138	1,004	-35512,700	14,449	1426,210	2,497	-9075,100	148,374	
5	138	0,000	-35512,700	14,449	1426,210	2,497	-9075,100	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-35506,100	13,891	1354,180	2,497	-7679,080	134,145	
6	139	0,000	-35506,100	13,891	1354,180	2,497	-7679,080	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-35499,600	13,334	1282,660	2,497	-6355,130	120,475	
7	140	0,000	-35499,600	13,334	1282,660	2,497	-6355,130	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-35493,000	12,777	1211,610	2,497	-5102,760	107,365	
8	141	0,000	-35493,000	12,777	1211,610	2,497	-5102,760	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-35486,600	12,220	1141,040	2,497	-3921,500	94,814	
9	142	0,000	-35486,600	12,220	1141,040	2,497	-3921,500	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-35480,200	11,662	1071,040	2,497	-2810,830	82,823	
10	143	0,000	-35480,200	11,662	1071,040	2,497	-2810,830	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-35473,800	11,105	1001,600	2,497	-1770,160	71,392	
11	144	0,000	-35473,800	11,105	1001,600	2,497	-1770,160	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-35467,500	10,548	932,652	2,497	-798,982	60,520	
12	145	0,000	-35467,500	10,548	932,652	2,497	-798,982	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35461,200	9,990	864,287	2,497	103,255	50,208	
13	146	0,000	-35461,200	9,990	864,287	2,497	103,255	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35455,000	9,433	796,494	2,497	937,127	40,456	
14	147	0,000	-35455,000	9,433	796,494	2,497	937,127	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35448,800	8,876	729,315	2,497	1703,230	31,264	
15	148	0,000	-34802,100	8,732	648,966	2,477	1565,490	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-34796,000	8,174	582,400	2,477	2183,760	22,653	
16	149	0,000	-34749,200	8,185	-88,858	2,482	2182,860	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-34743,200	7,628	-154,754	2,482	2060,540	14,565	
17	150	0,000	-34746,200	7,642	-659,701	2,488	2061,010	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-34740,200	7,084	-724,601	2,488	1365,950	7,036	
18	151	0,000	-35096,600	7,122	-859,219	2,496	1390,790	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-35090,200	6,571	-929,053	2,496	501,880	0,117	
19	122	0,000	-66,680	6,670	724,788	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-64,135	6,448	697,125	2,500	284,383	-2,623	
20	123	0,000	-13396,700	6,113	203,673	2,417	305,675	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13391,300	5,556	135,248	2,417	475,663	-12,302	
21	124	0,000	-13377,400	5,556	-142,501	2,368	471,786	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13372,400	4,999	-209,815	2,368	295,133	-17,603	
22	125	0,000	-13358,100	4,999	-104,790	1,859	296,835	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-13355,100	4,444	-170,997	1,859	158,795	-22,391	

23	126	0,000	-13355,900	4,444	-91,503	2,215	162,838	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13351,800	3,888	-156,667	2,215	38,515	-26,532	
24	127	0,000	-13339,800	3,888	-38,208	2,004	43,248	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13336,400	3,332	-102,272	2,004	-27,095	-30,164	
25	128	0,000	-13321,300	3,332	-36,213	1,823	-21,679	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13318,300	2,776	-99,180	1,823	-89,454	-33,233	
26	129	0,000	-13304,000	2,776	5,775	1,591	-83,668	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13301,400	2,221	-56,170	1,591	-108,887	-35,745	
27	130	0,000	-13289,900	2,221	35,440	1,306	-104,929	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-13287,900	1,665	-25,413	1,306	-99,913	-37,701	
28	131	0,000	-13279,100	1,665	40,029	1,079	-97,279	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13277,500	1,110	-19,702	1,079	-87,111	-39,097	
29	132	0,000	-13280,100	1,110	110,273	1,079	-89,009	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13278,500	0,555	51,578	1,079	-8,054	-39,929	
30	133	0,000	-13294,300	0,555	129,750	0,201	-20,279	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13294,000	0,000	72,156	0,201	80,675	-40,221	

CHAR_04 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z		
1	1	0,000	-33918,900	16,678	1731,030	2,497	-15797,500	210,889	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-33912,100	16,121	1657,290	2,497	-14096,200	194,421		
2	135	0,000	-33912,100	16,121	1657,290	2,497	-14096,200	194,421	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-33905,400	15,563	1583,920	2,497	-12468,800	178,512		
3	136	0,000	-33905,400	15,563	1583,920	2,497	-12468,800	178,512	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-33898,700	15,006	1510,980	2,497	-10914,900	163,164		
4	137	0,000	-33898,700	15,006	1510,980	2,497	-10914,900	163,164	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-33892,100	14,449	1438,840	2,497	-9433,790	148,374		
5	138	0,000	-33892,100	14,449	1438,840	2,497	-9433,790	148,374	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-33885,500	13,891	1366,820	2,497	-8025,070	134,145		
6	139	0,000	-33885,500	13,891	1366,820	2,497	-8025,070	134,145	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-33878,900	13,334	1295,300	2,497	-6688,440	120,475		
7	140	0,000	-33878,900	13,334	1295,300	2,497	-6688,440	120,475	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-33872,400	12,777	1224,250	2,497	-5423,380	107,365		
8	141	0,000	-33872,400	12,777	1224,250	2,497	-5423,380	107,365	26 - SHAPE-MASSIVE PR_08	
	142	1,004	-33865,900	12,220	1153,680	2,497	-4229,430	94,814		
9	142	0,000	-33865,900	12,220	1153,680	2,497	-4229,430	94,814	27 - SHAPE-MASSIVE PR_09	
	143	1,004	-33859,500	11,662	1083,670	2,497	-3106,070	82,823		
10	143	0,000	-33859,500	11,662	1083,670	2,497	-3106,070	82,823	28 - SHAPE-MASSIVE PR_10	
	144	1,004	-33853,200	11,105	1014,240	2,497	-2052,710	71,392		
11	144	0,000	-33853,200	11,105	1014,240	2,497	-2052,710	71,392	29 - SHAPE-MASSIVE PR_11	
	145	1,004	-33846,800	10,548	945,288	2,497	-1068,840	60,520		
12	145	0,000	-33846,800	10,548	945,288	2,497	-1068,840	60,520	30 - SHAPE-MASSIVE PR_12	
	146	1,004	-33840,600	9,990	876,923	2,497	-153,920	50,208		
13	146	0,000	-33840,600	9,990	876,923	2,497	-153,920	50,208	31 - SHAPE-MASSIVE PR_13	
	147	1,004	-33834,400	9,433	809,130	2,497	692,641	40,456		
14	147	0,000	-33834,400	9,433	809,130	2,497	692,641	40,456	32 - SHAPE-MASSIVE PR_14	
	148	1,004	-33828,200	8,876	741,951	2,497	1471,430	31,264		
15	148	0,000	-33182,400	8,732	662,268	2,477	1335,340	31,141	33 - SHAPE-MASSIVE PR_15	
	149	1,004	-33176,300	8,174	595,701	2,477	1966,960	22,653		
16	149	0,000	-33125,700	8,185	-47,449	2,482	1969,260	22,505	34 - SHAPE-MASSIVE PR_16	
	150	1,004	-33119,600	7,628	-113,344	2,482	1888,530	14,565		
17	150	0,000	-33117,600	7,642	-596,987	2,488	1895,220	14,429	35 - SHAPE-MASSIVE PR_17	
	151	1,004	-33111,700	7,084	-661,887	2,488	1263,150	7,036		
18	151	0,000	-33448,100	7,122	-789,884	2,496	1294,370	6,924	36 - SHAPE-MASSIVE PR_18	
	184	0,994	-33441,700	6,571	-859,718	2,496	474,396	0,117		
19	122	0,000	-66,681	6,670	724,788	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19	
	219	0,400	-64,135	6,448	697,125	2,500	284,383	-2,623		
20	123	0,000	-12769,100	6,113	221,239	2,417	323,400	-6,449	38 - SHAPE-MASSIVE PR_20	
	124	1,003	-12763,700	5,556	152,814	2,417	511,009	-12,302		
21	124	0,000	-12752,500	5,556	-114,198	2,368	511,528	-12,311	39 - SHAPE-MASSIVE PR_21	
	125	1,003	-12747,500	4,999	-181,512	2,368	363,258	-17,603		
22	125	0,000	-12737,100	4,999	-80,762	1,859	368,647	-17,664	40 - SHAPE-MASSIVE PR_22	
	126	1,001	-12734,000	4,444	-146,968	1,859	254,662	-22,391		
23	126	0,000	-12738,800	4,444	-70,780	2,215	261,309	-22,358	41 - SHAPE-MASSIVE PR_23	
	127	1,002	-12734,700	3,888	-135,944	2,215	157,748	-26,532		
24	127	0,000	-12728,400	3,888	-22,257	2,004	163,721	-26,549	42 - SHAPE-MASSIVE PR_24	
	128	1,001	-12725,000	3,332	-86,321	2,004	109,354	-30,164		

25	128	0,000	-12716,400	3,332	-22,966	1,823	114,823	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-12713,400	2,776	-85,932	1,823	60,312	-33,233	
26	129	0,000	-12706,000	2,776	14,912	1,591	65,187	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-12703,500	2,221	-47,033	1,591	49,113	-35,745	
27	130	0,000	-12699,000	2,221	41,066	1,306	51,079	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-12697,000	1,665	-19,787	1,306	61,724	-37,701	
28	131	0,000	-12695,400	1,665	43,192	1,079	61,547	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-12693,800	1,110	-16,539	1,079	74,878	-39,097	
29	132	0,000	-12702,300	1,110	108,653	1,079	69,787	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-12700,800	0,555	49,958	1,079	149,122	-39,929	
30	133	0,000	-12721,200	0,555	125,503	0,201	133,310	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-12720,900	0,000	67,909	0,201	230,017	-40,221	

CHAR_05 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-36045,000	16,678	1490,660	2,497	-12680,100	210,889	19 - SHAPE-MASSIVE PR_01
2	135	0,000	-36039,100	16,121	1425,920	2,497	-11215,700	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-36033,200	15,563	1361,560	2,497	-9816,140	178,512	
3	136	0,000	-36033,200	15,563	1361,560	2,497	-9816,140	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-36027,300	15,006	1297,620	2,497	-8480,980	163,164	
4	137	0,000	-36027,300	15,006	1297,620	2,497	-8480,980	163,164	22 - SHAPE-MASSIVE PR_04
	138	1,004	-36021,500	14,449	1234,480	2,497	-7209,620	148,374	
5	138	0,000	-36021,500	14,449	1234,480	2,497	-7209,620	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-36015,800	13,891	1171,450	2,497	-6001,610	134,145	
6	139	0,000	-36015,800	13,891	1171,450	2,497	-6001,610	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-36010,000	13,334	1108,930	2,497	-4856,640	120,475	
7	140	0,000	-36010,000	13,334	1108,930	2,497	-4856,640	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-36004,400	12,777	1046,890	2,497	-3774,210	107,365	
8	141	0,000	-36004,400	12,777	1046,890	2,497	-3774,210	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-35998,700	12,220	985,313	2,497	-2753,850	94,814	
9	142	0,000	-35998,700	12,220	985,313	2,497	-2753,850	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-35993,100	11,662	924,307	2,497	-1795,040	82,823	
10	143	0,000	-35993,100	11,662	924,307	2,497	-1795,040	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-35987,600	11,105	863,872	2,497	-897,201	71,392	
11	144	0,000	-35987,600	11,105	863,872	2,497	-897,201	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-35982,100	10,548	803,923	2,497	-59,808	60,520	
12	145	0,000	-35982,100	10,548	803,923	2,497	-59,808	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35976,600	9,990	744,559	2,497	717,679	50,208	
13	146	0,000	-35976,600	9,990	744,559	2,497	717,679	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35971,200	9,433	685,765	2,497	1435,840	40,456	
14	147	0,000	-35971,200	9,433	685,765	2,497	1435,840	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35965,900	8,876	627,586	2,497	2095,270	31,264	
15	148	0,000	-35384,700	8,732	548,282	2,477	1966,180	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-35379,400	8,174	490,716	2,477	2487,860	22,653	
16	149	0,000	-35342,400	8,185	-191,343	2,482	2485,780	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-35337,200	7,628	-248,239	2,482	2265,070	14,565	
17	150	0,000	-35350,500	7,642	-761,647	2,488	2263,290	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-35345,400	7,084	-817,547	2,488	1470,380	7,036	
18	151	0,000	-35715,300	7,122	-955,822	2,496	1493,330	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-35709,700	6,571	-1016,750	2,496	512,812	0,117	
19	122	0,000	-60,898	6,670	661,930	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-58,682	6,448	637,852	2,500	259,956	-2,623	
20	123	0,000	-13630,100	6,113	144,050	2,417	242,346	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13625,400	5,556	84,625	2,417	357,040	-12,302	
21	124	0,000	-13607,300	5,556	-197,340	2,368	353,087	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13602,900	4,999	-255,654	2,368	125,954	-17,603	
22	125	0,000	-13583,300	4,999	-148,999	1,859	128,191	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-13580,600	4,444	-206,205	1,859	-49,599	-22,391	
23	126	0,000	-13573,300	4,444	-125,306	2,215	-44,153	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13569,800	3,888	-181,470	2,215	-197,835	-26,532	
24	127	0,000	-13548,900	3,888	-61,229	2,004	-190,747	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13545,900	3,332	-116,293	2,004	-279,637	-30,164	
25	128	0,000	-13521,500	3,332	-49,267	1,823	-271,244	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13518,900	2,776	-103,234	1,823	-347,582	-33,233	
26	129	0,000	-13495,900	2,776	3,019	1,591	-338,749	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13493,800	2,221	-49,926	1,591	-362,223	-35,745	
27	130	0,000	-13474,800	2,221	42,649	1,306	-355,227	-35,757	45 - SHAPE-MASSIVE PR_27

	131	1,001	-13473,100	1,665	-9,204	1,306	-338,496	-37,701	
28	131	0,000	-13459,100	1,665	56,775	1,079	-333,452	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13457,800	1,110	6,044	1,079	-302,031	-39,097	
29	132	0,000	-13459,300	1,110	137,233	1,079	-303,165	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13458,000	0,555	87,538	1,079	-190,739	-39,929	
30	133	0,000	-13476,600	0,555	166,098	0,201	-203,941	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13476,300	0,000	117,504	0,201	-62,138	-40,221	

CHAR_07 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _r	M _y	M _z	
1	1	0,000	-33344,000	16,678	1511,720	2,497	-13362,500	210,889	19 - SHAPE-MASSIVE PR_01
	135	1,004	-33338,000	16,121	1446,980	2,497	-11877,000	194,421	
2	135	0,000	-33338,000	16,121	1446,980	2,497	-11877,000	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-33332,100	15,563	1382,610	2,497	-10456,200	178,512	
3	136	0,000	-33332,100	15,563	1382,610	2,497	-10456,200	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-33326,300	15,006	1318,680	2,497	-9099,930	163,164	
4	137	0,000	-33326,300	15,006	1318,680	2,497	-9099,930	163,164	22 - SHAPE-MASSIVE PR_04
	138	1,004	-33320,500	14,449	1255,540	2,497	-7807,430	148,374	
5	138	0,000	-33320,500	14,449	1255,540	2,497	-7807,430	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-33314,700	13,891	1192,510	2,497	-6578,270	134,145	
6	139	0,000	-33314,700	13,891	1192,510	2,497	-6578,270	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-33309,000	13,334	1129,990	2,497	-5412,150	120,475	
7	140	0,000	-33309,000	13,334	1129,990	2,497	-5412,150	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-33303,300	12,777	1067,940	2,497	-4308,580	107,365	
8	141	0,000	-33303,300	12,777	1067,940	2,497	-4308,580	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-33297,600	12,220	1006,370	2,497	-3267,070	94,814	
9	142	0,000	-33297,600	12,220	1006,370	2,497	-3267,070	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-33292,100	11,662	945,366	2,497	-2287,110	82,823	
10	143	0,000	-33292,100	11,662	945,366	2,497	-2287,110	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-33286,500	11,105	884,931	2,497	-1368,120	71,392	
11	144	0,000	-33286,500	11,105	884,931	2,497	-1368,120	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-33281,000	10,548	824,982	2,497	-509,579	60,520	
12	145	0,000	-33281,000	10,548	824,982	2,497	-509,579	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-33275,600	9,990	765,618	2,497	289,055	50,208	
13	146	0,000	-33275,600	9,990	765,618	2,497	289,055	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-33270,200	9,433	706,825	2,497	1028,360	40,456	
14	147	0,000	-33270,200	9,433	706,825	2,497	1028,360	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-33264,900	8,876	648,646	2,497	1708,940	31,264	
15	148	0,000	-32685,100	8,732	570,451	2,477	1582,590	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-32679,900	8,174	512,885	2,477	2126,530	22,653	
16	149	0,000	-32636,600	8,185	-122,328	2,482	2129,790	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-32631,400	7,628	-179,223	2,482	1978,380	14,565	
17	150	0,000	-32636,300	7,642	-657,125	2,488	1986,990	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-32631,200	7,084	-713,024	2,488	1299,040	7,036	
18	151	0,000	-32967,900	7,122	-840,264	2,496	1332,640	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-32962,300	6,571	-901,187	2,496	467,005	0,117	
19	122	0,000	-60,897	6,670	661,930	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-58,682	6,448	637,852	2,500	259,956	-2,623	
20	123	0,000	-12584,100	6,113	173,327	2,417	271,889	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-12579,400	5,556	113,901	2,417	415,950	-12,302	
21	124	0,000	-12565,800	5,556	-150,168	2,368	419,324	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-12561,400	4,999	-208,482	2,368	239,495	-17,603	
22	125	0,000	-12548,200	4,999	-108,951	1,859	247,879	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-12545,600	4,444	-166,158	1,859	110,179	-22,391	
23	126	0,000	-12544,800	4,444	-90,769	2,215	119,965	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-12541,300	3,888	-146,932	2,215	0,887	-26,532	
24	127	0,000	-12529,800	3,888	-34,643	2,004	10,043	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-12526,900	3,332	-89,707	2,004	-52,223	-30,164	
25	128	0,000	-12513,300	3,332	-27,188	1,823	-43,739	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-12510,700	2,776	-81,155	1,823	-97,973	-33,233	
26	129	0,000	-12499,300	2,776	18,248	1,591	-90,658	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-12497,100	2,221	-34,697	1,591	-98,890	-35,745	
27	130	0,000	-12490,100	2,221	52,026	1,306	-95,214	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-12488,400	1,665	0,173	1,306	-69,100	-37,701	
28	131	0,000	-12486,300	1,665	62,047	1,079	-68,742	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-12484,900	1,110	11,316	1,079	-32,048	-39,097	
29	132	0,000	-12496,400	1,110	134,533	1,079	-38,504	-39,097	47 - SHAPE-MASSIVE PR_29

	133	1,000	-12495,100	0,555	84,838	1,079	71,221	-39,929	
30	133	0,000	-12521,400	0,555	159,019	0,201	52,040	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-12521,100	0,000	110,425	0,201	186,764	-40,221	

CHAR_08 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z		
1	1	0,000	-33832,100	16,625	1551,890	256,662	-13784,300	210,547	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-33826,700	16,067	1485,620	248,187	-12259,200	194,132		
2	135	0,000	-33826,700	16,067	1485,620	248,187	-12259,200	194,132	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-33821,300	15,510	1419,720	239,712	-10800,400	178,277		
3	136	0,000	-33821,300	15,510	1419,720	239,712	-10800,400	178,277	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-33816,000	14,953	1354,250	231,236	-9407,610	162,982		
4	137	0,000	-33816,000	14,953	1354,250	231,236	-9407,610	162,982	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-33810,800	14,395	1289,580	222,761	-8080,150	148,247		
5	138	0,000	-33810,800	14,395	1289,580	222,761	-8080,150	148,247	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-33805,600	13,838	1225,020	214,286	-6817,580	134,071		
6	139	0,000	-33805,600	13,838	1225,020	214,286	-6817,580	134,071	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-33800,400	13,281	1160,970	205,810	-5619,580	120,455		
7	140	0,000	-33800,400	13,281	1160,970	205,810	-5619,580	120,455	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-33795,200	12,723	1097,390	197,335	-4485,670	107,398		
8	141	0,000	-33795,200	12,723	1097,390	197,335	-4485,670	107,398	26 - SHAPE-MASSIVE PR_08	
	142	1,004	-33790,200	12,166	1034,290	188,859	-3415,370	94,901		
9	142	0,000	-33790,200	12,166	1034,290	188,859	-3415,370	94,901	27 - SHAPE-MASSIVE PR_09	
	143	1,004	-33785,100	11,609	971,748	180,384	-2408,140	82,964		
10	143	0,000	-33785,100	11,609	971,748	180,384	-2408,140	82,964	28 - SHAPE-MASSIVE PR_10	
	144	1,004	-33780,100	11,051	909,781	171,909	-1463,440	71,587		
11	144	0,000	-33780,100	11,051	909,781	171,909	-1463,440	71,587	29 - SHAPE-MASSIVE PR_11	
	145	1,004	-33775,200	10,494	848,301	163,433	-580,709	60,769		
12	145	0,000	-33775,200	10,494	848,301	163,433	-580,709	60,769	30 - SHAPE-MASSIVE PR_12	
	146	1,004	-33770,300	9,937	787,405	154,958	240,574	50,511		
13	146	0,000	-33770,300	9,937	787,405	154,958	240,574	50,511	31 - SHAPE-MASSIVE PR_13	
	147	1,004	-33765,400	9,379	727,081	146,482	1000,990	40,812		
14	147	0,000	-33765,400	9,379	727,081	146,482	1000,990	40,812	32 - SHAPE-MASSIVE PR_14	
	148	1,004	-33760,700	8,822	667,370	138,007	1701,140	31,673		
15	148	0,000	-33166,500	7,005	588,625	137,754	1572,270	30,293	33 - SHAPE-MASSIVE PR_15	
	149	1,004	-33161,800	6,448	529,527	129,279	2133,690	23,538		
16	149	0,000	-33117,500	6,705	-113,725	129,344	2136,020	21,870	34 - SHAPE-MASSIVE PR_16	
	150	1,004	-33112,900	6,148	-172,152	120,869	1992,480	15,417		
17	150	0,000	-33117,100	6,606	-656,082	120,963	1999,270	14,091	35 - SHAPE-MASSIVE PR_17	
	151	1,004	-33112,500	6,049	-713,513	112,488	1311,600	7,737		
18	151	0,000	-33453,500	6,698	-842,382	112,566	1343,240	6,888	36 - SHAPE-MASSIVE PR_18	
	184	0,994	-33448,400	6,147	-904,822	104,176	474,745	0,503		
19	122	0,000	-74,853	6,670	678,615	104,205	0,000	0,034	37 - SHAPE-MASSIVE PR_19	
	219	0,400	-72,858	6,448	653,926	100,829	266,508	-2,589		
20	123	0,000	-12778,300	6,113	183,360	95,639	282,246	-7,619	38 - SHAPE-MASSIVE PR_20	
	124	1,003	-12774,100	5,556	122,411	87,172	435,607	-13,471		
21	124	0,000	-12760,600	5,556	-144,661	87,118	437,246	-13,818	39 - SHAPE-MASSIVE PR_21	
	125	1,003	-12756,700	4,999	-204,496	78,654	262,177	-19,110		
22	125	0,000	-12743,500	4,999	-103,358	78,070	268,879	-21,374	40 - SHAPE-MASSIVE PR_22	
	126	1,001	-12741,200	4,444	-162,072	69,621	136,024	-26,101		
23	126	0,000	-12741,500	4,444	-86,045	70,028	144,222	-24,987	41 - SHAPE-MASSIVE PR_23	
	127	1,002	-12738,400	3,888	-143,723	61,572	29,118	-29,160		
24	127	0,000	-12727,900	3,888	-29,980	61,337	36,818	-29,650	42 - SHAPE-MASSIVE PR_24	
	128	1,001	-12725,200	3,332	-86,555	52,885	-21,535	-33,265		
25	128	0,000	-12712,800	3,332	-23,203	52,685	-14,418	-33,581	43 - SHAPE-MASSIVE PR_25	
	129	1,001	-12710,500	2,776	-78,678	44,235	-65,417	-36,639		
26	129	0,000	-12700,300	2,776	22,042	43,978	-59,368	-36,947	44 - SHAPE-MASSIVE PR_26	
	130	1,001	-12698,300	2,221	-32,409	35,531	-64,556	-39,447		
27	130	0,000	-12692,700	2,221	55,513	35,215	-62,082	-39,730	45 - SHAPE-MASSIVE PR_27	
	131	1,001	-12691,200	1,665	2,156	26,770	-33,231	-41,674		
28	131	0,000	-12690,600	1,665	64,909	26,520	-34,027	-41,834	46 - SHAPE-MASSIVE PR_28	
	132	1,000	-12689,400	1,110	12,675	18,077	4,779	-43,222		
29	132	0,000	-12702,500	1,110	137,456	18,077	-2,667	-43,222	47 - SHAPE-MASSIVE PR_29	
	133	1,000	-12701,400	0,555	86,258	9,634	109,231	-44,055		
30	133	0,000	-12729,400	0,555	161,811	8,663	89,061	-44,256	48 - SHAPE-MASSIVE PR_30	
	134	1,000	-12729,200	0,000	111,717	0,223	225,827	-44,534		

CAS_01 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-35275,100	0,000	1496,670	0,000	-12874,600	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-35269,200	0,000	1431,930	0,000	-11404,200	0,000	
2	135	0,000	-35269,200	0,000	1431,930	0,000	-11404,200	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-35263,300	0,000	1367,560	0,000	-9998,600	0,000	
3	136	0,000	-35263,300	0,000	1367,560	0,000	-9998,600	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-35257,400	0,000	1303,620	0,000	-8657,410	0,000	
4	137	0,000	-35257,400	0,000	1303,620	0,000	-8657,410	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-35251,600	0,000	1240,480	0,000	-7380,030	0,000	
5	138	0,000	-35251,600	0,000	1240,480	0,000	-7380,030	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-35245,800	0,000	1177,460	0,000	-6165,990	0,000	
6	139	0,000	-35245,800	0,000	1177,460	0,000	-6165,990	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-35240,100	0,000	1114,940	0,000	-5014,990	0,000	
7	140	0,000	-35240,100	0,000	1114,940	0,000	-5014,990	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-35234,400	0,000	1052,890	0,000	-3926,530	0,000	
8	141	0,000	-35234,400	0,000	1052,890	0,000	-3926,530	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-35228,800	0,000	991,316	0,000	-2900,140	0,000	
9	142	0,000	-35228,800	0,000	991,316	0,000	-2900,140	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-35223,200	0,000	930,310	0,000	-1935,300	0,000	
10	143	0,000	-35223,200	0,000	930,310	0,000	-1935,300	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-35217,600	0,000	869,875	0,000	-1031,440	0,000	
11	144	0,000	-35217,600	0,000	869,875	0,000	-1031,440	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-35212,200	0,000	809,926	0,000	-188,014	0,000	
12	145	0,000	-35212,200	0,000	809,926	0,000	-188,014	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35206,700	0,000	750,562	0,000	595,501	0,000	
13	146	0,000	-35206,700	0,000	750,562	0,000	595,501	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35201,300	0,000	691,768	0,000	1319,690	0,000	
14	147	0,000	-35201,300	0,000	691,768	0,000	1319,690	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35196,000	0,000	633,589	0,000	1985,150	0,000	
15	148	0,000	-34615,200	0,000	554,601	0,000	1856,840	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-34609,900	0,000	497,035	0,000	2384,860	0,000	
16	149	0,000	-34571,200	0,000	-171,671	0,000	2384,310	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-34566,000	0,000	-228,566	0,000	2183,350	0,000	
17	150	0,000	-34576,800	0,000	-731,854	0,000	2184,530	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-34571,700	0,000	-787,753	0,000	1421,540	0,000	
18	151	0,000	-34932,100	0,000	-922,883	0,000	1447,520	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-34926,600	0,000	-983,807	0,000	499,755	0,000	
19	122	0,000	-60,898	0,000	661,930	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-58,682	0,000	637,852	0,000	259,956	0,000	
20	123	0,000	-13331,900	0,000	152,395	0,000	250,767	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13327,300	0,000	92,970	0,000	373,832	0,000	
21	124	0,000	-13310,400	0,000	-183,894	0,000	371,967	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13306,000	0,000	-242,208	0,000	158,318	0,000	
22	125	0,000	-13288,200	0,000	-137,583	0,000	162,308	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-13285,600	0,000	-194,790	0,000	-4,054	0,000	
23	126	0,000	-13280,100	0,000	-115,462	0,000	2,629	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13276,600	0,000	-171,625	0,000	-141,190	0,000	
24	127	0,000	-13258,400	0,000	-53,651	0,000	-133,512	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13255,400	0,000	-108,715	0,000	-214,814	0,000	
25	128	0,000	-13234,100	0,000	-42,973	0,000	-206,395	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13231,500	0,000	-96,940	0,000	-276,432	0,000	
26	129	0,000	-13211,800	0,000	7,360	0,000	-268,032	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13209,700	0,000	-45,585	0,000	-287,160	0,000	
27	130	0,000	-13194,100	0,000	45,322	0,000	-281,111	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-13192,400	0,000	-6,531	0,000	-261,705	0,000	
28	131	0,000	-13181,800	0,000	58,278	0,000	-257,997	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13180,400	0,000	7,547	0,000	-225,073	0,000	
29	132	0,000	-13184,900	0,000	136,463	0,000	-227,725	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13183,500	0,000	86,768	0,000	-116,068	0,000	
30	133	0,000	-13204,300	0,000	164,080	0,000	-130,975	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13204,000	0,000	115,486	0,000	8,810	0,000	

CAS_02 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	

1	1	0,000	-35259,700	0,000	1478,930	0,000	-12557,100	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-35253,800	0,000	1414,190	0,000	-11104,500	0,000	
2	135	0,000	-35253,800	0,000	1414,190	0,000	-11104,500	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-35247,900	0,000	1349,820	0,000	-9716,700	0,000	
3	136	0,000	-35247,900	0,000	1349,820	0,000	-9716,700	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-35242,000	0,000	1285,880	0,000	-8393,320	0,000	
4	137	0,000	-35242,000	0,000	1285,880	0,000	-8393,320	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-35236,200	0,000	1222,740	0,000	-7133,750	0,000	
5	138	0,000	-35236,200	0,000	1222,740	0,000	-7133,750	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-35230,400	0,000	1159,720	0,000	-5937,520	0,000	
6	139	0,000	-35230,400	0,000	1159,720	0,000	-5937,520	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-35224,700	0,000	1097,200	0,000	-4804,330	0,000	
7	140	0,000	-35224,700	0,000	1097,200	0,000	-4804,330	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-35219,000	0,000	1035,150	0,000	-3733,690	0,000	
8	141	0,000	-35219,000	0,000	1035,150	0,000	-3733,690	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-35213,400	0,000	973,579	0,000	-2725,110	0,000	
9	142	0,000	-35213,400	0,000	973,579	0,000	-2725,110	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-35207,800	0,000	912,572	0,000	-1778,090	0,000	
10	143	0,000	-35207,800	0,000	912,572	0,000	-1778,090	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-35202,200	0,000	852,137	0,000	-892,032	0,000	
11	144	0,000	-35202,200	0,000	852,137	0,000	-892,032	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-35196,800	0,000	792,188	0,000	-66,423	0,000	
12	145	0,000	-35196,800	0,000	792,188	0,000	-66,423	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35191,300	0,000	732,824	0,000	699,280	0,000	
13	146	0,000	-35191,300	0,000	732,824	0,000	699,280	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35185,900	0,000	674,031	0,000	1405,660	0,000	
14	147	0,000	-35185,900	0,000	674,031	0,000	1405,660	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35180,600	0,000	615,851	0,000	2053,300	0,000	
15	148	0,000	-34608,100	0,000	537,292	0,000	1926,310	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-34602,800	0,000	479,726	0,000	2436,960	0,000	
16	149	0,000	-34565,800	0,000	-188,939	0,000	2436,390	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-34560,600	0,000	-245,835	0,000	2218,090	0,000	
17	150	0,000	-34573,300	0,000	-749,140	0,000	2219,290	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-34568,200	0,000	-805,040	0,000	1438,940	0,000	
18	151	0,000	-34930,200	0,000	-940,394	0,000	1465,070	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-34924,600	0,000	-1001,320	0,000	499,892	0,000	
19	122	0,000	-59,247	0,000	643,991	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-57,032	0,000	619,912	0,000	252,781	0,000	
20	123	0,000	-13330,200	0,000	134,769	0,000	233,385	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13325,500	0,000	75,343	0,000	338,769	0,000	
21	124	0,000	-13307,600	0,000	-201,504	0,000	337,506	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13303,200	0,000	-259,818	0,000	106,198	0,000	
22	125	0,000	-13283,800	0,000	-155,136	0,000	111,031	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-13281,200	0,000	-212,342	0,000	-72,902	0,000	
23	126	0,000	-13272,500	0,000	-132,863	0,000	-64,992	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13269,000	0,000	-189,027	0,000	-226,246	0,000	
24	127	0,000	-13246,900	0,000	-70,956	0,000	-216,824	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13243,900	0,000	-126,020	0,000	-315,455	0,000	
25	128	0,000	-13217,600	0,000	-60,165	0,000	-304,700	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13215,000	0,000	-114,132	0,000	-391,949	0,000	
26	129	0,000	-13189,300	0,000	-9,804	0,000	-380,625	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13187,200	0,000	-62,749	0,000	-416,931	0,000	
27	130	0,000	-13164,400	0,000	28,134	0,000	-407,141	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-13162,700	0,000	-23,719	0,000	-404,932	0,000	
28	131	0,000	-13143,600	0,000	41,055	0,000	-396,608	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13142,200	0,000	-9,676	0,000	-380,912	0,000	
29	132	0,000	-13137,400	0,000	118,981	0,000	-378,338	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13136,100	0,000	69,286	0,000	-284,171	0,000	
30	133	0,000	-13146,900	0,000	146,168	0,000	-292,810	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13146,700	0,000	97,574	0,000	-170,938	0,000	

CAS_03 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-35329,800	0,000	1317,290	0,000	-10605,000	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-35324,400	0,000	1258,550	0,000	-9311,690	0,000	
2	135	0,000	-35324,400	0,000	1258,550	0,000	-9311,690	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-35319,100	0,000	1200,180	0,000	-8077,170	0,000	

3	136	0,000	-35319,100	0,000	1200,180	0,000	-8077,170	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-35313,800	0,000	1142,240	0,000	-6901,050	0,000	
4	137	0,000	-35313,800	0,000	1142,240	0,000	-6901,050	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-35308,500	0,000	1085,100	0,000	-5782,710	0,000	
5	138	0,000	-35308,500	0,000	1085,100	0,000	-5782,710	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-35303,300	0,000	1028,080	0,000	-4721,700	0,000	
6	139	0,000	-35303,300	0,000	1028,080	0,000	-4721,700	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-35298,100	0,000	971,554	0,000	-3717,690	0,000	
7	140	0,000	-35298,100	0,000	971,554	0,000	-3717,690	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-35293,000	0,000	915,507	0,000	-2770,200	0,000	
8	141	0,000	-35293,000	0,000	915,507	0,000	-2770,200	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-35287,900	0,000	859,935	0,000	-1878,760	0,000	
9	142	0,000	-35287,900	0,000	859,935	0,000	-1878,760	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-35282,800	0,000	804,929	0,000	-1042,840	0,000	
10	143	0,000	-35282,800	0,000	804,929	0,000	-1042,840	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-35277,900	0,000	750,493	0,000	-261,867	0,000	
11	144	0,000	-35277,900	0,000	750,493	0,000	-261,867	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-35272,900	0,000	696,545	0,000	464,686	0,000	
12	145	0,000	-35272,900	0,000	696,545	0,000	464,686	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35268,000	0,000	643,180	0,000	1137,360	0,000	
13	146	0,000	-35268,000	0,000	643,180	0,000	1137,360	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35263,200	0,000	590,387	0,000	1756,730	0,000	
14	147	0,000	-35263,200	0,000	590,387	0,000	1756,730	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35258,400	0,000	538,208	0,000	2323,390	0,000	
15	148	0,000	-34735,300	0,000	460,736	0,000	2203,310	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-34730,500	0,000	409,170	0,000	2640,080	0,000	
16	149	0,000	-34700,600	0,000	-262,217	0,000	2639,230	0,000	34 - SHAPE-MASSIVE PR_16
17	150	0,000	-34716,000	0,000	-818,698	0,000	2351,070	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-34711,400	0,000	-868,597	0,000	1503,880	0,000	
18	151	0,000	-35080,300	0,000	-1005,490	0,000	1529,860	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-35075,200	0,000	-1060,470	0,000	502,918	0,000	
19	122	0,000	-54,292	0,000	590,127	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,296	0,000	568,438	0,000	231,713	0,000	
20	123	0,000	-13385,300	0,000	86,051	0,000	182,386	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13381,100	0,000	32,626	0,000	241,909	0,000	
21	124	0,000	-13360,000	0,000	-245,321	0,000	241,693	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13356,100	0,000	-297,635	0,000	-30,547	0,000	
22	125	0,000	-13332,700	0,000	-192,505	0,000	-24,210	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-13330,300	0,000	-243,711	0,000	-242,548	0,000	
23	126	0,000	-13314,600	0,000	-163,719	0,000	-232,473	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13311,500	0,000	-213,882	0,000	-421,635	0,000	
24	127	0,000	-13281,700	0,000	-95,314	0,000	-409,283	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13279,100	0,000	-144,378	0,000	-529,304	0,000	
25	128	0,000	-13244,200	0,000	-78,231	0,000	-514,997	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13241,900	0,000	-126,198	0,000	-617,329	0,000	
26	129	0,000	-13207,600	0,000	-21,636	0,000	-602,168	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13205,700	0,000	-68,581	0,000	-647,315	0,000	
27	130	0,000	-13174,400	0,000	22,373	0,000	-633,321	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-13172,800	0,000	-23,480	0,000	-633,875	0,000	
28	131	0,000	-13145,700	0,000	41,238	0,000	-621,312	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13144,500	0,000	-3,493	0,000	-602,432	0,000	
29	132	0,000	-13133,800	0,000	125,042	0,000	-596,372	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13132,600	0,000	81,347	0,000	-493,139	0,000	
30	133	0,000	-13139,400	0,000	157,785	0,000	-498,820	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13139,200	0,000	115,191	0,000	-362,329	0,000	

CAS_04 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-33709,200	0,000	1329,920	0,000	-11014,400	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-33703,800	0,000	1271,180	0,000	-9708,440	0,000	
2	135	0,000	-33703,800	0,000	1271,180	0,000	-9708,440	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-33698,400	0,000	1212,810	0,000	-8461,230	0,000	
3	136	0,000	-33698,400	0,000	1212,810	0,000	-8461,230	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-33693,100	0,000	1154,870	0,000	-7272,420	0,000	
4	137	0,000	-33693,100	0,000	1154,870	0,000	-7272,420	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-33687,900	0,000	1097,740	0,000	-6141,400	0,000	
5	138	0,000	-33687,900	0,000	1097,740	0,000	-6141,400	0,000	23 - SHAPE-MASSIVE PR_05

	139	1,004	-33682,700	0,000	1040,710	0,000	-5067,690	0,000	
6	139	0,000	-33682,700	0,000	1040,710	0,000	-5067,690	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-33677,500	0,000	984,189	0,000	-4051,000	0,000	
7	140	0,000	-33677,500	0,000	984,189	0,000	-4051,000	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-33672,400	0,000	928,143	0,000	-3090,820	0,000	
8	141	0,000	-33672,400	0,000	928,143	0,000	-3090,820	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-33667,300	0,000	872,571	0,000	-2186,690	0,000	
9	142	0,000	-33667,300	0,000	872,571	0,000	-2186,690	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-33662,200	0,000	817,564	0,000	-1338,080	0,000	
10	143	0,000	-33662,200	0,000	817,564	0,000	-1338,080	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-33657,200	0,000	763,129	0,000	-544,419	0,000	
11	144	0,000	-33657,200	0,000	763,129	0,000	-544,419	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-33652,300	0,000	709,180	0,000	194,823	0,000	
12	145	0,000	-33652,300	0,000	709,180	0,000	194,823	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-33647,400	0,000	655,816	0,000	880,182	0,000	
13	146	0,000	-33647,400	0,000	655,816	0,000	880,182	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-33642,600	0,000	603,023	0,000	1512,240	0,000	
14	147	0,000	-33642,600	0,000	603,023	0,000	1512,240	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-33637,800	0,000	550,844	0,000	2091,590	0,000	
15	148	0,000	-33115,500	0,000	474,038	0,000	1973,160	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-33110,800	0,000	422,471	0,000	2423,290	0,000	
16	149	0,000	-33077,100	0,000	-220,808	0,000	2425,640	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-33072,400	0,000	-271,704	0,000	2178,350	0,000	
17	150	0,000	-33087,500	0,000	-755,984	0,000	2185,290	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-33082,900	0,000	-805,883	0,000	1401,080	0,000	
18	151	0,000	-33431,800	0,000	-936,154	0,000	1433,440	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-33426,800	0,000	-991,138	0,000	475,434	0,000	
19	122	0,000	-54,292	0,000	590,127	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,296	0,000	568,438	0,000	231,713	0,000	
20	123	0,000	-12757,700	0,000	103,617	0,000	200,111	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-12753,500	0,000	50,192	0,000	277,255	0,000	
21	124	0,000	-12735,100	0,000	-217,018	0,000	281,436	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-12731,200	0,000	-269,332	0,000	37,578	0,000	
22	125	0,000	-12711,600	0,000	-168,476	0,000	47,603	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-12709,300	0,000	-219,682	0,000	-146,682	0,000	
23	126	0,000	-12697,500	0,000	-142,996	0,000	-134,002	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-12694,400	0,000	-193,160	0,000	-302,402	0,000	
24	127	0,000	-12670,300	0,000	-79,362	0,000	-288,810	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-12667,700	0,000	-128,426	0,000	-392,855	0,000	
25	128	0,000	-12639,300	0,000	-64,984	0,000	-378,494	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-12637,000	0,000	-112,950	0,000	-467,563	0,000	
26	129	0,000	-12609,600	0,000	-12,499	0,000	-453,314	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-12607,700	0,000	-59,444	0,000	-489,315	0,000	
27	130	0,000	-12583,500	0,000	27,999	0,000	-477,313	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-12582,000	0,000	-17,854	0,000	-472,238	0,000	
28	131	0,000	-12562,000	0,000	44,401	0,000	-462,486	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-12560,800	0,000	-0,330	0,000	-440,443	0,000	
29	132	0,000	-12556,000	0,000	123,422	0,000	-437,575	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-12554,800	0,000	79,727	0,000	-335,963	0,000	
30	133	0,000	-12566,300	0,000	153,538	0,000	-345,231	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-12566,100	0,000	110,944	0,000	-212,988	0,000	

CAS_05 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-33924,600	0,000	1507,200	0,000	-13215,800	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-33918,600	0,000	1442,460	0,000	-11734,800	0,000	
2	135	0,000	-33918,600	0,000	1442,460	0,000	-11734,800	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-33912,700	0,000	1378,090	0,000	-10318,700	0,000	
3	136	0,000	-33912,700	0,000	1378,090	0,000	-10318,700	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-33906,900	0,000	1314,150	0,000	-8966,890	0,000	
4	137	0,000	-33906,900	0,000	1314,150	0,000	-8966,890	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-33901,100	0,000	1251,010	0,000	-7678,930	0,000	
5	138	0,000	-33901,100	0,000	1251,010	0,000	-7678,930	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-33895,300	0,000	1187,990	0,000	-6454,320	0,000	
6	139	0,000	-33895,300	0,000	1187,990	0,000	-6454,320	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-33889,600	0,000	1125,460	0,000	-5292,740	0,000	
7	140	0,000	-33889,600	0,000	1125,460	0,000	-5292,740	0,000	25 - SHAPE-MASSIVE PR_07

	141	1,004	-33883,900	0,000	1063,420	0,000	-4193,710	0,000	
8	141	0,000	-33883,900	0,000	1063,420	0,000	-4193,710	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-33878,200	0,000	1001,850	0,000	-3156,750	0,000	
9	142	0,000	-33878,200	0,000	1001,850	0,000	-3156,750	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-33872,600	0,000	940,839	0,000	-2181,330	0,000	
10	143	0,000	-33872,600	0,000	940,839	0,000	-2181,330	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-33867,100	0,000	880,404	0,000	-1266,900	0,000	
11	144	0,000	-33867,100	0,000	880,404	0,000	-1266,900	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-33861,600	0,000	820,456	0,000	-412,899	0,000	
12	145	0,000	-33861,600	0,000	820,456	0,000	-412,899	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-33856,200	0,000	761,091	0,000	381,189	0,000	
13	146	0,000	-33856,200	0,000	761,091	0,000	381,189	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-33850,800	0,000	702,298	0,000	1115,950	0,000	
14	147	0,000	-33850,800	0,000	702,298	0,000	1115,950	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-33845,400	0,000	644,119	0,000	1791,980	0,000	
15	148	0,000	-33265,400	0,000	565,686	0,000	1665,050	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-33260,100	0,000	508,119	0,000	2204,200	0,000	
16	149	0,000	-33218,200	0,000	-137,163	0,000	2206,310	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-33213,000	0,000	-194,059	0,000	2040,010	0,000	
17	150	0,000	-33219,700	0,000	-679,592	0,000	2046,380	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-33214,600	0,000	-735,492	0,000	1335,870	0,000	
18	151	0,000	-33558,400	0,000	-865,103	0,000	1367,180	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-33552,900	0,000	-926,027	0,000	476,851	0,000	
19	122	0,000	-60,898	0,000	661,930	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-58,682	0,000	637,852	0,000	259,956	0,000	
20	123	0,000	-12808,900	0,000	167,034	0,000	265,538	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-12804,200	0,000	107,608	0,000	403,287	0,000	
21	124	0,000	-12789,700	0,000	-160,308	0,000	405,086	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-12785,300	0,000	-218,622	0,000	215,089	0,000	
22	125	0,000	-12770,700	0,000	-117,560	0,000	222,152	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-12768,100	0,000	-174,766	0,000	75,834	0,000	
23	126	0,000	-12765,900	0,000	-98,193	0,000	84,688	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-12762,400	0,000	-154,356	0,000	-41,829	0,000	
24	127	0,000	-12748,900	0,000	-40,358	0,000	-33,118	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-12745,900	0,000	-95,422	0,000	-101,107	0,000	
25	128	0,000	-12730,000	0,000	-31,934	0,000	-92,642	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-12727,400	0,000	-85,901	0,000	-151,627	0,000	
26	129	0,000	-12713,500	0,000	14,974	0,000	-143,986	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-12711,300	0,000	-37,971	0,000	-155,494	0,000	
27	130	0,000	-12701,800	0,000	50,010	0,000	-151,105	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-12700,000	0,000	-1,843	0,000	-127,008	0,000	
28	131	0,000	-12695,400	0,000	60,914	0,000	-125,643	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-12694,000	0,000	10,183	0,000	-90,082	0,000	
29	132	0,000	-12703,400	0,000	135,113	0,000	-95,394	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-12702,100	0,000	85,419	0,000	14,912	0,000	
30	133	0,000	-12726,700	0,000	160,541	0,000	-2,984	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-12726,500	0,000	111,947	0,000	133,261	0,000	

CAS_06 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-35259,700	0,000	1478,930	0,000	-12557,100	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-35253,800	0,000	1414,190	0,000	-11104,500	0,000	
2	135	0,000	-35253,800	0,000	1414,190	0,000	-11104,500	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-35247,900	0,000	1349,820	0,000	-9716,700	0,000	
3	136	0,000	-35247,900	0,000	1349,820	0,000	-9716,700	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-35242,000	0,000	1285,880	0,000	-8393,320	0,000	
4	137	0,000	-35242,000	0,000	1285,880	0,000	-8393,320	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-35236,200	0,000	1222,740	0,000	-7133,750	0,000	
5	138	0,000	-35236,200	0,000	1222,740	0,000	-7133,750	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-35230,400	0,000	1159,720	0,000	-5937,520	0,000	
6	139	0,000	-35230,400	0,000	1159,720	0,000	-5937,520	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-35224,700	0,000	1097,200	0,000	-4804,330	0,000	
7	140	0,000	-35224,700	0,000	1097,200	0,000	-4804,330	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-35219,000	0,000	1035,150	0,000	-3733,690	0,000	
8	141	0,000	-35219,000	0,000	1035,150	0,000	-3733,690	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-35213,400	0,000	973,579	0,000	-2725,110	0,000	
9	142	0,000	-35213,400	0,000	973,579	0,000	-2725,110	0,000	27 - SHAPE-MASSIVE PR_09

	143	1,004	-35207,800	0,000	912,572	0,000	-1778,090	0,000	
10	143	0,000	-35207,800	0,000	912,572	0,000	-1778,090	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-35202,200	0,000	852,137	0,000	-892,032	0,000	
11	144	0,000	-35202,200	0,000	852,137	0,000	-892,032	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-35196,800	0,000	792,188	0,000	-66,423	0,000	
12	145	0,000	-35196,800	0,000	792,188	0,000	-66,423	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35191,300	0,000	732,824	0,000	699,280	0,000	
13	146	0,000	-35191,300	0,000	732,824	0,000	699,280	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35185,900	0,000	674,031	0,000	1405,660	0,000	
14	147	0,000	-35185,900	0,000	674,031	0,000	1405,660	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35180,600	0,000	615,851	0,000	2053,300	0,000	
15	148	0,000	-34608,100	0,000	537,292	0,000	1926,310	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-34602,800	0,000	479,726	0,000	2436,960	0,000	
16	149	0,000	-34565,800	0,000	-188,939	0,000	2436,390	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-34560,600	0,000	-245,835	0,000	2218,090	0,000	
17	150	0,000	-34573,300	0,000	-749,140	0,000	2219,290	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-34568,200	0,000	-805,040	0,000	1438,940	0,000	
18	151	0,000	-34930,200	0,000	-940,394	0,000	1465,070	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-34924,600	0,000	-1001,320	0,000	499,892	0,000	
19	122	0,000	-59,247	0,000	643,991	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-57,032	0,000	619,912	0,000	252,781	0,000	
20	123	0,000	-13330,200	0,000	134,769	0,000	233,385	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13325,500	0,000	75,343	0,000	338,769	0,000	
21	124	0,000	-13307,600	0,000	-201,504	0,000	337,506	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13303,200	0,000	-259,818	0,000	106,198	0,000	
22	125	0,000	-13283,800	0,000	-155,136	0,000	111,031	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-13281,200	0,000	-212,342	0,000	-72,902	0,000	
23	126	0,000	-13272,500	0,000	-132,863	0,000	-64,992	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13269,000	0,000	-189,027	0,000	-226,246	0,000	
24	127	0,000	-13246,900	0,000	-70,956	0,000	-216,824	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13243,900	0,000	-126,020	0,000	-315,455	0,000	
25	128	0,000	-13217,600	0,000	-60,165	0,000	-304,700	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13215,000	0,000	-114,132	0,000	-391,949	0,000	
26	129	0,000	-13189,300	0,000	-9,804	0,000	-380,625	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13187,200	0,000	-62,749	0,000	-416,931	0,000	
27	130	0,000	-13164,400	0,000	28,134	0,000	-407,141	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-13162,700	0,000	-23,719	0,000	-404,932	0,000	
28	131	0,000	-13143,600	0,000	41,055	0,000	-396,608	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13142,200	0,000	-9,676	0,000	-380,912	0,000	
29	132	0,000	-13137,400	0,000	118,981	0,000	-378,338	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13136,100	0,000	69,286	0,000	-284,171	0,000	
30	133	0,000	-13146,900	0,000	146,168	0,000	-292,810	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13146,700	0,000	97,574	0,000	-170,938	0,000	

CAS_07 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z		
1	1	0,000	-35175,800	41,695	1318,480	6,242	-10643,900	527,223	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-35170,400	40,302	1259,740	6,242	-9349,380	486,053		
2	135	0,000	-35170,400	40,302	1259,740	6,242	-9349,380	486,053	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-35165,100	38,909	1201,380	6,242	-8113,660	446,281		
3	136	0,000	-35165,100	38,909	1201,380	6,242	-8113,660	446,281	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-35159,800	37,515	1143,440	6,242	-6936,340	407,909		
4	137	0,000	-35159,800	37,515	1143,440	6,242	-6936,340	407,909	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-35154,600	36,122	1086,300	6,242	-5816,790	370,936		
5	138	0,000	-35154,600	36,122	1086,300	6,242	-5816,790	370,936	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-35149,300	34,729	1029,280	6,242	-4754,570	335,362		
6	139	0,000	-35149,300	34,729	1029,280	6,242	-4754,570	335,362	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-35144,100	33,335	972,754	6,242	-3749,360	301,187		
7	140	0,000	-35144,100	33,335	972,754	6,242	-3749,360	301,187	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-35139,000	31,942	916,708	6,242	-2800,670	268,412		
8	141	0,000	-35139,000	31,942	916,708	6,242	-2800,670	268,412	26 - SHAPE-MASSIVE PR_08	
	142	1,004	-35133,900	30,549	861,136	6,242	-1908,020	237,035		
9	142	0,000	-35133,900	30,549	861,136	6,242	-1908,020	237,035	27 - SHAPE-MASSIVE PR_09	
	143	1,004	-35128,900	29,155	806,129	6,242	-1070,890	207,058		
10	143	0,000	-35128,900	29,155	806,129	6,242	-1070,890	207,058	28 - SHAPE-MASSIVE PR_10	
	144	1,004	-35123,900	27,762	751,694	6,242	-288,714	178,480		
11	144	0,000	-35123,900	27,762	751,694	6,242	-288,714	178,480	29 - SHAPE-MASSIVE PR_11	

	145	1,004	-35118,900	26,369	697,745	6,242	439,044	151,301	
12	145	0,000	-35118,900	26,369	697,745	6,242	439,044	151,301	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35114,000	24,976	644,381	6,242	1112,920	125,521	
13	146	0,000	-35114,000	24,976	644,381	6,242	1112,920	125,521	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35109,200	23,582	591,588	6,242	1733,500	101,141	
14	147	0,000	-35109,200	23,582	591,588	6,242	1733,500	101,141	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35104,400	22,189	539,408	6,242	2301,360	78,159	
15	148	0,000	-34581,400	21,830	462,000	6,192	2181,440	77,853	33 - SHAPE-MASSIVE PR_15
	149	1,004	-34576,600	20,436	410,434	6,192	2619,490	56,631	
16	149	0,000	-34546,300	20,463	-258,283	6,204	2618,940	56,263	34 - SHAPE-MASSIVE PR_16
	150	1,004	-34541,700	19,069	-309,178	6,204	2334,020	36,414	
17	150	0,000	-34561,300	19,104	-812,739	6,221	2335,320	36,073	35 - SHAPE-MASSIVE PR_17
	151	1,004	-34556,700	17,711	-862,638	6,221	1494,120	17,589	
18	151	0,000	-34923,600	17,806	-998,902	6,240	1520,700	17,310	36 - SHAPE-MASSIVE PR_18
	184	0,994	-34918,600	16,426	-1053,890	6,240	500,306	0,294	
19	122	0,000	-54,292	16,675	590,127	6,250	0,000	0,002	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,296	16,120	568,438	6,250	231,713	-6,557	
20	123	0,000	-13325,700	15,281	87,720	6,042	184,070	-16,123	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13321,500	13,890	34,295	6,042	245,267	-30,754	
21	124	0,000	-13300,600	13,890	-242,632	5,920	245,469	-30,778	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13296,700	12,498	-294,946	5,920	-24,074	-44,009	
22	125	0,000	-13273,700	12,498	-190,221	4,646	-17,386	-44,161	40 - SHAPE-MASSIVE PR_22
	126	1,001	-13271,300	11,109	-241,428	4,646	-233,439	-55,977	
23	126	0,000	-13256,000	11,109	-161,749	5,539	-223,116	-55,896	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13252,900	9,719	-211,913	5,539	-410,306	-66,330	
24	127	0,000	-13223,600	9,719	-93,798	5,010	-397,836	-66,372	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13221,000	8,330	-142,862	5,010	-516,339	-75,410	
25	128	0,000	-13186,700	8,330	-76,972	4,558	-502,027	-75,438	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13184,400	6,940	-124,939	4,558	-603,099	-83,082	
26	129	0,000	-13150,800	6,940	-20,768	3,978	-588,025	-83,112	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13148,800	5,552	-67,713	3,978	-632,302	-89,363	
27	130	0,000	-13118,200	5,552	22,907	3,264	-618,498	-89,392	45 - SHAPE-MASSIVE PR_27
	131	1,001	-13116,700	4,164	-22,946	3,264	-618,517	-94,253	
28	131	0,000	-13090,300	4,164	41,539	2,699	-606,221	-94,271	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13089,000	2,776	-3,192	2,699	-587,041	-97,741	
29	132	0,000	-13078,900	2,776	124,888	2,699	-581,283	-97,741	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13077,700	1,388	81,193	2,699	-478,205	-99,824	
30	133	0,000	-13085,000	1,388	157,382	0,503	-484,226	-99,859	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13084,800	0,000	114,788	0,503	-348,140	-100,552	

CAS_08 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z		
1	1	0,000	-33825,300	5,559	1329,020	0,832	-10985,100	70,296	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-33819,900	5,374	1270,280	0,832	-9680,010	64,807		
2	135	0,000	-33819,900	5,374	1270,280	0,832	-9680,010	64,807	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-33814,600	5,188	1211,910	0,832	-8433,710	59,504		
3	136	0,000	-33814,600	5,188	1211,910	0,832	-8433,710	59,504	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-33809,300	5,002	1153,970	0,832	-7245,810	54,388		
4	137	0,000	-33809,300	5,002	1153,970	0,832	-7245,810	54,388	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-33804,000	4,816	1096,830	0,832	-6115,700	49,458		
5	138	0,000	-33804,000	4,816	1096,830	0,832	-6115,700	49,458	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-33798,800	4,630	1039,810	0,832	-5042,900	44,715		
6	139	0,000	-33798,800	4,630	1039,810	0,832	-5042,900	44,715	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-33793,600	4,445	983,284	0,832	-4027,110	40,158		
7	140	0,000	-33793,600	4,445	983,284	0,832	-4027,110	40,158	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-33788,500	4,259	927,237	0,832	-3067,850	35,788		
8	141	0,000	-33788,500	4,259	927,237	0,832	-3067,850	35,788	26 - SHAPE-MASSIVE PR_08	
	142	1,004	-33783,400	4,073	871,665	0,832	-2164,630	31,605		
9	142	0,000	-33783,400	4,073	871,665	0,832	-2164,630	31,605	27 - SHAPE-MASSIVE PR_09	
	143	1,004	-33778,300	3,887	816,659	0,832	-1316,920	27,608		
10	143	0,000	-33778,300	3,887	816,659	0,832	-1316,920	27,608	28 - SHAPE-MASSIVE PR_10	
	144	1,004	-33773,400	3,702	762,224	0,832	-524,173	23,797		
11	144	0,000	-33773,400	3,702	762,224	0,832	-524,173	23,797	29 - SHAPE-MASSIVE PR_11	
	145	1,004	-33768,400	3,516	708,275	0,832	214,159	20,173		
12	145	0,000	-33768,400	3,516	708,275	0,832	214,159	20,173	30 - SHAPE-MASSIVE PR_12	
	146	1,004	-33763,500	3,330	654,911	0,832	898,609	16,736		
13	146	0,000	-33763,500	3,330	654,911	0,832	898,609	16,736	31 - SHAPE-MASSIVE PR_13	

	147	1,004	-33758,700	3,144	602,117	0,832	1529,760	13,485	
14	147	0,000	-33758,700	3,144	602,117	0,832	1529,760	13,485	32 - SHAPE-MASSIVE PR_14
	148	1,004	-33753,900	2,959	549,938	0,832	2108,200	10,421	
15	148	0,000	-33231,600	2,911	473,085	0,826	1989,650	10,380	33 - SHAPE-MASSIVE PR_15
	149	1,004	-33226,800	2,725	421,518	0,826	2438,820	7,551	
16	149	0,000	-33193,400	2,728	-223,775	0,827	2440,940	7,502	34 - SHAPE-MASSIVE PR_16
	150	1,004	-33188,800	2,543	-274,671	0,827	2190,680	4,855	
17	150	0,000	-33204,200	2,547	-760,477	0,829	2197,170	4,810	35 - SHAPE-MASSIVE PR_17
	151	1,004	-33199,600	2,361	-810,377	0,829	1408,440	2,345	
18	151	0,000	-33549,900	2,374	-941,122	0,832	1440,350	2,308	36 - SHAPE-MASSIVE PR_18
	184	0,994	-33544,900	2,190	-996,106	0,832	477,403	0,039	
19	122	0,000	-54,292	2,223	590,127	0,833	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,296	2,149	568,438	0,833	231,713	-0,874	
20	123	0,000	-12802,700	2,038	102,358	0,806	198,841	-2,150	38 - SHAPE-MASSIVE PR_20
	124	1,003	-12798,500	1,852	48,933	0,806	274,723	-4,101	
21	124	0,000	-12779,900	1,852	-219,046	0,789	278,588	-4,104	39 - SHAPE-MASSIVE PR_21
	125	1,003	-12776,000	1,666	-271,360	0,789	32,696	-5,868	
22	125	0,000	-12756,100	1,666	-170,198	0,620	42,457	-5,888	40 - SHAPE-MASSIVE PR_22
	126	1,001	-12753,800	1,481	-221,404	0,620	-153,550	-7,464	
23	126	0,000	-12741,700	1,481	-144,481	0,738	-141,057	-7,453	41 - SHAPE-MASSIVE PR_23
	127	1,002	-12738,600	1,296	-194,644	0,738	-310,946	-8,844	
24	127	0,000	-12714,100	1,296	-80,505	0,668	-297,442	-8,850	42 - SHAPE-MASSIVE PR_24
	128	1,001	-12711,500	1,111	-129,569	0,668	-402,632	-10,055	
25	128	0,000	-12682,600	1,111	-65,933	0,608	-388,275	-10,058	43 - SHAPE-MASSIVE PR_25
	129	1,001	-12680,300	0,925	-113,899	0,608	-478,294	-11,078	
26	129	0,000	-12652,500	0,925	-13,154	0,530	-463,979	-11,082	44 - SHAPE-MASSIVE PR_26
	130	1,001	-12650,500	0,740	-60,098	0,530	-500,636	-11,915	
27	130	0,000	-12625,800	0,740	27,596	0,435	-488,491	-11,919	45 - SHAPE-MASSIVE PR_27
	131	1,001	-12624,300	0,555	-18,257	0,435	-483,819	-12,567	
28	131	0,000	-12603,800	0,555	44,174	0,360	-473,866	-12,569	46 - SHAPE-MASSIVE PR_28
	132	1,000	-12602,600	0,370	-0,557	0,360	-452,049	-13,032	
29	132	0,000	-12597,400	0,370	123,538	0,360	-448,953	-13,032	47 - SHAPE-MASSIVE PR_29
	133	1,000	-12596,200	0,185	79,843	0,360	-347,225	-13,310	
30	133	0,000	-12607,400	0,185	153,842	0,067	-356,236	-13,314	48 - SHAPE-MASSIVE PR_30
	134	1,000	-12607,200	0,000	111,249	0,067	-223,689	-13,407	

KVA_01 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-35175,800	0,000	1318,480	0,000	-10643,900	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-35170,400	0,000	1259,740	0,000	-9349,380	0,000	
2	135	0,000	-35170,400	0,000	1259,740	0,000	-9349,380	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-35165,100	0,000	1201,380	0,000	-8113,660	0,000	
3	136	0,000	-35165,100	0,000	1201,380	0,000	-8113,660	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-35159,800	0,000	1143,440	0,000	-6936,340	0,000	
4	137	0,000	-35159,800	0,000	1143,440	0,000	-6936,340	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-35154,600	0,000	1086,300	0,000	-5816,790	0,000	
5	138	0,000	-35154,600	0,000	1086,300	0,000	-5816,790	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-35149,300	0,000	1029,280	0,000	-4754,570	0,000	
6	139	0,000	-35149,300	0,000	1029,280	0,000	-4754,570	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-35144,100	0,000	972,754	0,000	-3749,360	0,000	
7	140	0,000	-35144,100	0,000	972,754	0,000	-3749,360	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-35139,000	0,000	916,708	0,000	-2800,670	0,000	
8	141	0,000	-35139,000	0,000	916,708	0,000	-2800,670	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-35133,900	0,000	861,136	0,000	-1908,020	0,000	
9	142	0,000	-35133,900	0,000	861,136	0,000	-1908,020	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-35128,900	0,000	806,129	0,000	-1070,890	0,000	
10	143	0,000	-35128,900	0,000	806,129	0,000	-1070,890	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-35123,900	0,000	751,694	0,000	-288,714	0,000	
11	144	0,000	-35123,900	0,000	751,694	0,000	-288,714	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-35118,900	0,000	697,745	0,000	439,044	0,000	
12	145	0,000	-35118,900	0,000	697,745	0,000	439,044	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-35114,000	0,000	644,381	0,000	1112,920	0,000	
13	146	0,000	-35114,000	0,000	644,381	0,000	1112,920	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-35109,200	0,000	591,588	0,000	1733,500	0,000	
14	147	0,000	-35109,200	0,000	591,588	0,000	1733,500	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-35104,400	0,000	539,408	0,000	2301,360	0,000	
15	148	0,000	-34581,400	0,000	462,000	0,000	2181,440	0,000	33 - SHAPE-MASSIVE PR_15

	149	1,004	-34576,600	0,000	410,434	0,000	2619,490	0,000	
16	149	0,000	-34546,300	0,000	-258,283	0,000	2618,940	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-34541,700	0,000	-309,178	0,000	2334,020	0,000	
17	150	0,000	-34561,300	0,000	-812,739	0,000	2335,320	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-34556,700	0,000	-862,638	0,000	1494,120	0,000	
18	151	0,000	-34923,600	0,000	-998,902	0,000	1520,700	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-34918,600	0,000	-1053,890	0,000	500,306	0,000	
19	122	0,000	-54,292	0,000	590,127	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,296	0,000	568,438	0,000	231,713	0,000	
20	123	0,000	-13325,700	0,000	87,720	0,000	184,070	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13321,500	0,000	34,295	0,000	245,267	0,000	
21	124	0,000	-13300,600	0,000	-242,632	0,000	245,469	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13296,700	0,000	-294,946	0,000	-24,074	0,000	
22	125	0,000	-13273,700	0,000	-190,221	0,000	-17,386	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-13271,300	0,000	-241,428	0,000	-233,439	0,000	
23	126	0,000	-13256,000	0,000	-161,749	0,000	-223,116	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-13252,900	0,000	-211,913	0,000	-410,306	0,000	
24	127	0,000	-13223,600	0,000	-93,798	0,000	-397,836	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-13221,000	0,000	-142,862	0,000	-516,339	0,000	
25	128	0,000	-13186,700	0,000	-76,972	0,000	-502,027	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-13184,400	0,000	-124,939	0,000	-603,099	0,000	
26	129	0,000	-13150,800	0,000	-20,768	0,000	-588,025	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-13148,800	0,000	-67,713	0,000	-632,302	0,000	
27	130	0,000	-13118,200	0,000	22,907	0,000	-618,498	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-13116,700	0,000	-22,946	0,000	-618,517	0,000	
28	131	0,000	-13090,300	0,000	41,539	0,000	-606,221	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-13089,000	0,000	-3,192	0,000	-587,041	0,000	
29	132	0,000	-13078,900	0,000	124,888	0,000	-581,283	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-13077,700	0,000	81,193	0,000	-478,205	0,000	
30	133	0,000	-13085,000	0,000	157,382	0,000	-484,226	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-13084,800	0,000	114,788	0,000	-348,140	0,000	

KVA_02 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-33825,300	0,000	1329,020	0,000	-10985,100	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-33819,900	0,000	1270,280	0,000	-9680,010	0,000	
2	135	0,000	-33819,900	0,000	1270,280	0,000	-9680,010	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-33814,600	0,000	1211,910	0,000	-8433,710	0,000	
3	136	0,000	-33814,600	0,000	1211,910	0,000	-8433,710	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-33809,300	0,000	1153,970	0,000	-7245,820	0,000	
4	137	0,000	-33809,300	0,000	1153,970	0,000	-7245,820	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-33804,000	0,000	1096,830	0,000	-6115,700	0,000	
5	138	0,000	-33804,000	0,000	1096,830	0,000	-6115,700	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-33798,800	0,000	1039,810	0,000	-5042,900	0,000	
6	139	0,000	-33798,800	0,000	1039,810	0,000	-5042,900	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-33793,600	0,000	983,284	0,000	-4027,110	0,000	
7	140	0,000	-33793,600	0,000	983,284	0,000	-4027,110	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-33788,500	0,000	927,237	0,000	-3067,850	0,000	
8	141	0,000	-33788,500	0,000	927,237	0,000	-3067,850	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-33783,400	0,000	871,665	0,000	-2164,630	0,000	
9	142	0,000	-33783,400	0,000	871,665	0,000	-2164,630	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-33778,300	0,000	816,659	0,000	-1316,920	0,000	
10	143	0,000	-33778,300	0,000	816,659	0,000	-1316,920	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-33773,400	0,000	762,224	0,000	-524,173	0,000	
11	144	0,000	-33773,400	0,000	762,224	0,000	-524,173	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-33768,400	0,000	708,275	0,000	214,158	0,000	
12	145	0,000	-33768,400	0,000	708,275	0,000	214,158	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-33763,500	0,000	654,911	0,000	898,609	0,000	
13	146	0,000	-33763,500	0,000	654,911	0,000	898,609	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-33758,700	0,000	602,117	0,000	1529,760	0,000	
14	147	0,000	-33758,700	0,000	602,117	0,000	1529,760	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-33753,900	0,000	549,938	0,000	2108,200	0,000	
15	148	0,000	-33231,600	0,000	473,085	0,000	1989,650	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-33226,800	0,000	421,518	0,000	2438,820	0,000	
16	149	0,000	-33193,400	0,000	-223,775	0,000	2440,940	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-33188,800	0,000	-274,671	0,000	2190,680	0,000	
17	150	0,000	-33204,200	0,000	-760,477	0,000	2197,170	0,000	35 - SHAPE-MASSIVE PR_17

	151	1,004	-33199,600	0,000	-810,377	0,000	1408,440	0,000	
18	151	0,000	-33549,900	0,000	-941,122	0,000	1440,350	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-33544,900	0,000	-996,106	0,000	477,403	0,000	
19	122	0,000	-54,291	0,000	590,127	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,296	0,000	568,438	0,000	231,713	0,000	
20	123	0,000	-12802,700	0,000	102,358	0,000	198,841	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-12798,500	0,000	48,933	0,000	274,723	0,000	
21	124	0,000	-12779,900	0,000	-219,046	0,000	278,588	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-12776,000	0,000	-271,360	0,000	32,697	0,000	
22	125	0,000	-12756,100	0,000	-170,198	0,000	42,457	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-12753,800	0,000	-221,404	0,000	-153,550	0,000	
23	126	0,000	-12741,700	0,000	-144,481	0,000	-141,057	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-12738,600	0,000	-194,644	0,000	-310,945	0,000	
24	127	0,000	-12714,100	0,000	-80,505	0,000	-297,442	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-12711,500	0,000	-129,569	0,000	-402,632	0,000	
25	128	0,000	-12682,600	0,000	-65,933	0,000	-388,275	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-12680,300	0,000	-113,899	0,000	-478,294	0,000	
26	129	0,000	-12652,500	0,000	-13,154	0,000	-463,979	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-12650,500	0,000	-60,098	0,000	-500,636	0,000	
27	130	0,000	-12625,800	0,000	27,596	0,000	-488,491	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-12624,300	0,000	-18,257	0,000	-483,819	0,000	
28	131	0,000	-12603,800	0,000	44,174	0,000	-473,866	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-12602,600	0,000	-0,557	0,000	-452,049	0,000	
29	132	0,000	-12597,400	0,000	123,538	0,000	-448,953	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-12596,200	0,000	79,843	0,000	-347,225	0,000	
30	133	0,000	-12607,400	0,000	153,842	0,000	-356,236	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-12607,200	0,000	111,249	0,000	-223,689	0,000	

KVA_03 ZAČÁTEK ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-34406,400	0,000	1241,580	0,000	-10701,900	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-34400,400	0,000	1199,700	0,000	-9473,860	0,000	
2	135	0,000	-34400,400	0,000	1199,700	0,000	-9473,860	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-34394,600	0,000	1157,000	0,000	-8288,410	0,000	
3	136	0,000	-34394,600	0,000	1157,000	0,000	-8288,410	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-34388,800	0,000	1113,490	0,000	-7146,350	0,000	
4	137	0,000	-34388,800	0,000	1113,490	0,000	-7146,350	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-34383,300	0,000	1069,560	0,000	-6048,250	0,000	
5	138	0,000	-34383,300	0,000	1069,560	0,000	-6048,250	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-34377,800	0,000	1024,190	0,000	-4995,130	0,000	
6	139	0,000	-34377,800	0,000	1024,190	0,000	-4995,130	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-34372,500	0,000	977,771	0,000	-3988,170	0,000	
7	140	0,000	-34372,500	0,000	977,771	0,000	-3988,170	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-34367,200	0,000	930,121	0,000	-3028,530	0,000	
8	141	0,000	-34367,200	0,000	930,121	0,000	-3028,530	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-34362,100	0,000	881,115	0,000	-2117,520	0,000	
9	142	0,000	-34362,100	0,000	881,115	0,000	-2117,520	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-34357,200	0,000	830,726	0,000	-1256,500	0,000	
10	143	0,000	-34357,200	0,000	830,726	0,000	-1256,500	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-34352,300	0,000	778,783	0,000	-446,937	0,000	
11	144	0,000	-34352,300	0,000	778,783	0,000	-446,937	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-34347,500	0,000	725,023	0,000	309,458	0,000	
12	145	0,000	-34347,500	0,000	725,023	0,000	309,458	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-34342,800	0,000	669,372	0,000	1010,830	0,000	
13	146	0,000	-34342,800	0,000	669,372	0,000	1010,830	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-34338,200	0,000	611,649	0,000	1655,190	0,000	
14	147	0,000	-34338,200	0,000	611,649	0,000	1655,190	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-34333,700	0,000	551,678	0,000	2240,350	0,000	
15	148	0,000	-33809,900	0,000	472,526	0,000	2072,230	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-33805,400	0,000	411,152	0,000	2516,730	0,000	
16	149	0,000	-33773,500	0,000	-232,674	0,000	2517,460	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-33768,900	0,000	-294,680	0,000	2252,190	0,000	
17	150	0,000	-33786,500	0,000	-776,919	0,000	2256,500	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-33781,800	0,000	-836,453	0,000	1444,870	0,000	
18	151	0,000	-34139,700	0,000	-962,530	0,000	1474,650	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-34134,600	0,000	-1022,260	0,000	486,685	0,000	
19	122	0,000	-55,046	0,000	590,057	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19

	219	0,400	-53,027	0,000	568,370	0,000	231,686	0,000	
20	123	0,000	-13028,200	0,000	96,048	0,000	192,404	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-13023,900	0,000	42,109	0,000	261,737	0,000	
21	124	0,000	-13004,400	0,000	-228,992	0,000	264,112	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-13000,400	0,000	-281,649	0,000	7,921	0,000	
22	125	0,000	-12979,200	0,000	-178,890	0,000	16,414	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-12976,800	0,000	-229,867	0,000	-188,310	0,000	
23	126	0,000	-12963,300	0,000	-152,281	0,000	-176,696	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-12960,100	0,000	-201,639	0,000	-354,113	0,000	
24	127	0,000	-12933,500	0,000	-86,882	0,000	-341,004	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-12930,800	0,000	-134,593	0,000	-451,981	0,000	
25	128	0,000	-12899,600	0,000	-71,587	0,000	-437,598	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-12897,200	0,000	-117,688	0,000	-532,415	0,000	
26	129	0,000	-12866,800	0,000	-17,579	0,000	-517,735	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-12864,800	0,000	-62,205	0,000	-557,693	0,000	
27	130	0,000	-12837,500	0,000	24,239	0,000	-544,807	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-12836,000	0,000	-18,950	0,000	-542,158	0,000	
28	131	0,000	-12812,800	0,000	41,565	0,000	-531,178	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-12811,600	0,000	-0,242	0,000	-510,490	0,000	
29	132	0,000	-12804,300	0,000	122,588	0,000	-506,258	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-12803,000	0,000	81,814	0,000	-403,919	0,000	
30	133	0,000	-12812,500	0,000	153,964	0,000	-411,679	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-12812,300	0,000	113,933	0,000	-277,586	0,000	

MSP KONEC ŽIVOTNOSTI

CHAR_01 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z		
1	1	0,000	-29977,300	16,678	1806,230	2,497	-17592,600	210,889	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-29970,600	16,121	1732,490	2,497	-15815,800	194,421		
2	135	0,000	-29970,600	16,121	1732,490	2,497	-15815,800	194,421	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-29963,800	15,563	1659,120	2,497	-14112,900	178,512		
3	136	0,000	-29963,800	15,563	1659,120	2,497	-14112,900	178,512	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-29957,100	15,006	1586,190	2,497	-12483,500	163,164		
4	137	0,000	-29957,100	15,006	1586,190	2,497	-12483,500	163,164	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-29950,500	14,449	1514,050	2,497	-10926,900	148,374		
5	138	0,000	-29950,500	14,449	1514,050	2,497	-10926,900	148,374	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-29943,900	13,891	1442,020	2,497	-9442,630	134,145		
6	139	0,000	-29943,900	13,891	1442,020	2,497	-9442,630	134,145	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-29937,400	13,334	1370,500	2,497	-8030,470	120,475		
7	140	0,000	-29937,400	13,334	1370,500	2,497	-8030,470	120,475	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-29930,800	12,777	1299,450	2,497	-6689,900	107,365		
8	141	0,000	-29930,800	12,777	1299,450	2,497	-6689,900	107,365	26 - SHAPE-MASSIVE PR_08	
	142	1,004	-29924,400	12,220	1228,880	2,497	-5420,430	94,814		
9	142	0,000	-29924,400	12,220	1228,880	2,497	-5420,430	94,814	27 - SHAPE-MASSIVE PR_09	
	143	1,004	-29918,000	11,662	1158,880	2,497	-4221,550	82,823		
10	143	0,000	-29918,000	11,662	1158,880	2,497	-4221,550	82,823	28 - SHAPE-MASSIVE PR_10	
	144	1,004	-29911,600	11,105	1089,440	2,497	-3092,680	71,392		
11	144	0,000	-29911,600	11,105	1089,440	2,497	-3092,680	71,392	29 - SHAPE-MASSIVE PR_11	
	145	1,004	-29905,300	10,548	1020,490	2,497	-2033,290	60,520		
12	145	0,000	-29905,300	10,548	1020,490	2,497	-2033,290	60,520	30 - SHAPE-MASSIVE PR_12	
	146	1,004	-29899,000	9,990	952,127	2,497	-1042,840	50,208		
13	146	0,000	-29899,000	9,990	952,127	2,497	-1042,840	50,208	31 - SHAPE-MASSIVE PR_13	

	147	1,004	-29892,800	9,433	884,333	2,497	-120,763	40,456	
14	147	0,000	-29892,800	9,433	884,333	2,497	-120,763	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29886,600	8,876	817,154	2,497	733,547	31,264	
15	148	0,000	-29223,300	8,732	743,775	2,477	594,632	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29217,200	8,174	677,208	2,477	1308,100	22,653	
16	149	0,000	-29159,500	8,185	114,921	2,482	1307,040	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29153,500	7,628	49,026	2,482	1389,360	14,565	
17	150	0,000	-29136,700	7,642	-373,480	2,488	1388,900	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29130,800	7,084	-438,379	2,488	981,264	7,036	
18	151	0,000	-29414,600	7,122	-548,989	2,496	999,970	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29408,200	6,571	-618,823	2,496	419,479	0,117	
19	122	0,000	-70,782	6,670	769,364	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-68,237	6,448	741,701	2,500	302,213	-2,623	
20	123	0,000	-10912,300	6,113	334,124	2,417	431,783	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10906,900	5,556	265,699	2,417	732,629	-12,302	
21	124	0,000	-10905,900	5,556	34,494	2,368	731,242	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10900,900	4,999	-32,820	2,368	732,081	-17,603	
22	125	0,000	-10903,000	4,999	52,471	1,859	730,174	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10900,000	4,444	-13,735	1,859	749,562	-22,391	
23	126	0,000	-10927,200	4,444	50,136	2,215	747,260	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10923,200	3,888	-15,028	2,215	764,847	-26,532	
24	127	0,000	-10943,700	3,888	81,529	2,004	760,705	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10940,200	3,332	17,465	2,004	810,274	-30,164	
25	128	0,000	-10964,600	3,332	70,567	1,823	804,287	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10961,600	2,776	7,600	1,823	843,415	-33,233	
26	129	0,000	-10991,000	2,776	93,785	1,591	835,683	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10988,500	2,221	31,840	1,591	898,549	-35,745	
27	130	0,000	-11025,600	2,221	107,419	1,306	887,744	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11023,600	1,665	46,566	1,306	964,778	-37,701	
28	131	0,000	-11068,400	1,665	100,538	1,079	951,330	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11066,800	1,110	40,807	1,079	1022,030	-39,097	
29	132	0,000	-11121,600	1,110	150,762	1,079	1006,380	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11120,000	0,555	92,067	1,079	1127,840	-39,929	
30	133	0,000	-11188,000	0,555	158,665	0,201	1105,850	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11187,700	0,000	101,071	0,201	1235,720	-40,221	

CHAR_02 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28356,700	16,678	1818,870	2,497	-18002,100	210,889	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28349,900	16,121	1745,130	2,497	-16212,600	194,421	
2	135	0,000	-28349,900	16,121	1745,130	2,497	-16212,600	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28343,200	15,563	1671,760	2,497	-14497,000	178,512	
3	136	0,000	-28343,200	15,563	1671,760	2,497	-14497,000	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28336,500	15,006	1598,820	2,497	-12854,800	163,164	
4	137	0,000	-28336,500	15,006	1598,820	2,497	-12854,800	163,164	22 - SHAPE-MASSIVE PR_04

	138	1,004	-28329,900	14,449	1526,680	2,497	-11285,500	148,374	
5	138	0,000	-28329,900	14,449	1526,680	2,497	-11285,500	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28323,300	13,891	1454,660	2,497	-9788,620	134,145	
6	139	0,000	-28323,300	13,891	1454,660	2,497	-9788,620	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28316,700	13,334	1383,140	2,497	-8363,780	120,475	
7	140	0,000	-28316,700	13,334	1383,140	2,497	-8363,780	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28310,200	12,777	1312,090	2,497	-7010,520	107,365	
8	141	0,000	-28310,200	12,777	1312,090	2,497	-7010,520	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28303,800	12,220	1241,520	2,497	-5728,360	94,814	
9	142	0,000	-28303,800	12,220	1241,520	2,497	-5728,360	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28297,300	11,662	1171,510	2,497	-4516,790	82,823	
10	143	0,000	-28297,300	11,662	1171,510	2,497	-4516,790	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28291,000	11,105	1102,070	2,497	-3375,230	71,392	
11	144	0,000	-28291,000	11,105	1102,070	2,497	-3375,230	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28284,700	10,548	1033,130	2,497	-2303,150	60,520	
12	145	0,000	-28284,700	10,548	1033,130	2,497	-2303,150	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28278,400	9,990	964,762	2,497	-1300,020	50,208	
13	146	0,000	-28278,400	9,990	964,762	2,497	-1300,020	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28272,200	9,433	896,969	2,497	-365,249	40,456	
14	147	0,000	-28272,200	9,433	896,969	2,497	-365,249	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28266,000	8,876	829,790	2,497	501,750	31,264	
15	148	0,000	-27603,500	8,732	757,076	2,477	364,480	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27597,400	8,174	690,510	2,477	1091,310	22,653	
16	149	0,000	-27536,000	8,185	156,330	2,482	1093,440	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27530,000	7,628	90,435	2,482	1217,340	14,565	
17	150	0,000	-27508,200	7,642	-310,766	2,488	1223,110	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27502,200	7,084	-375,666	2,488	878,459	7,036	
18	151	0,000	-27766,200	7,122	-479,654	2,496	903,556	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27759,800	6,571	-549,487	2,496	391,995	0,117	
19	122	0,000	-70,781	6,670	769,364	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-68,236	6,448	741,701	2,500	302,213	-2,623	
20	123	0,000	-10303,000	6,113	354,662	2,417	448,943	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10297,600	5,556	286,237	2,417	770,391	-12,302	
21	124	0,000	-10299,500	5,556	67,800	2,368	768,894	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10294,400	4,999	0,486	2,368	803,133	-17,603	
22	125	0,000	-10300,300	4,999	80,804	1,859	800,780	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10297,200	4,444	14,598	1,859	848,531	-22,391	
23	126	0,000	-10328,300	4,444	74,661	2,215	845,549	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10324,200	3,888	9,497	2,215	887,709	-26,532	
24	127	0,000	-10350,300	3,888	100,494	2,004	882,379	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10346,900	3,332	36,430	2,004	950,941	-30,164	
25	128	0,000	-10377,800	3,332	86,394	1,823	943,378	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10374,800	2,776	23,428	1,823	998,353	-33,233	
26	129	0,000	-10411,200	2,776	104,792	1,591	988,745	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10408,600	2,221	42,847	1,591	1062,630	-35,745	
27	130	0,000	-10453,200	2,221	114,283	1,306	1049,720	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10451,200	1,665	53,430	1,306	1133,620	-37,701	

28	131	0,000	-10503,600	1,665	104,490	1,079	1117,940	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10502,000	1,110	44,759	1,079	1192,590	-39,097	
29	132	0,000	-10563,300	1,110	149,089	1,079	1174,920	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10561,700	0,555	90,394	1,079	1294,700	-39,929	
30	133	0,000	-10635,100	0,555	153,689	0,201	1271,160	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10634,800	0,000	96,095	0,201	1396,050	-40,221	

CHAR_03 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-29938,800	16,678	1761,890	2,497	-16798,800	210,889	19 - SHAPE-MASSIVE PR_01
	135	1,004	-29932,100	16,121	1688,150	2,497	-15066,600	194,421	
2	135	0,000	-29932,100	16,121	1688,150	2,497	-15066,600	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-29925,300	15,563	1614,780	2,497	-13408,200	178,512	
3	136	0,000	-29925,300	15,563	1614,780	2,497	-13408,200	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-29918,700	15,006	1541,840	2,497	-11823,300	163,164	
4	137	0,000	-29918,700	15,006	1541,840	2,497	-11823,300	163,164	22 - SHAPE-MASSIVE PR_04
	138	1,004	-29912,100	14,449	1469,700	2,497	-10311,200	148,374	
5	138	0,000	-29912,100	14,449	1469,700	2,497	-10311,200	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-29905,400	13,891	1397,680	2,497	-8871,470	134,145	
6	139	0,000	-29905,400	13,891	1397,680	2,497	-8871,470	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-29898,900	13,334	1326,160	2,497	-7503,840	120,475	
7	140	0,000	-29898,900	13,334	1326,160	2,497	-7503,840	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-29892,400	12,777	1255,110	2,497	-6207,800	107,365	
8	141	0,000	-29892,400	12,777	1255,110	2,497	-6207,800	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-29885,900	12,220	1184,540	2,497	-4982,860	94,814	
9	142	0,000	-29885,900	12,220	1184,540	2,497	-4982,860	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-29879,500	11,662	1114,530	2,497	-3828,510	82,823	
10	143	0,000	-29879,500	11,662	1114,530	2,497	-3828,510	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-29873,100	11,105	1045,090	2,497	-2744,170	71,392	
11	144	0,000	-29873,100	11,105	1045,090	2,497	-2744,170	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-29866,800	10,548	976,147	2,497	-1729,310	60,520	
12	145	0,000	-29866,800	10,548	976,147	2,497	-1729,310	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-29860,500	9,990	907,782	2,497	-783,396	50,208	
13	146	0,000	-29860,500	9,990	907,782	2,497	-783,396	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-29854,300	9,433	839,989	2,497	94,154	40,456	
14	147	0,000	-29854,300	9,433	839,989	2,497	94,154	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29848,200	8,876	772,810	2,497	903,934	31,264	
15	148	0,000	-29205,500	8,732	700,502	2,477	768,317	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29199,400	8,174	633,936	2,477	1438,330	22,653	
16	149	0,000	-29146,000	8,185	71,750	2,482	1437,250	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29140,000	7,628	5,854	2,482	1476,210	14,565	
17	150	0,000	-29128,000	7,642	-416,697	2,488	1475,800	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29122,000	7,084	-481,596	2,488	1024,770	7,036	
18	151	0,000	-29409,700	7,122	-592,766	2,496	1043,830	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29403,300	6,571	-662,600	2,496	419,820	0,117	

19	122	0,000	-66,655	6,670	724,516	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-64,110	6,448	696,852	2,500	284,274	-2,623	
20	123	0,000	-10908,000	6,113	289,251	2,417	386,766	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10902,600	5,556	220,826	2,417	642,600	-12,302	
21	124	0,000	-10898,800	5,556	-10,210	2,368	641,403	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10893,700	4,999	-77,524	2,368	597,413	-17,603	
22	125	0,000	-10892,000	4,999	7,904	1,859	596,115	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10888,900	4,444	-58,302	1,859	570,890	-22,391	
23	126	0,000	-10907,800	4,444	5,865	2,215	569,835	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10903,800	3,888	-59,299	2,215	543,067	-26,532	
24	127	0,000	-10914,300	3,888	37,419	2,004	541,049	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10910,800	3,332	-26,645	2,004	546,444	-30,164	
25	128	0,000	-10922,200	3,332	26,667	1,823	543,608	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10919,200	2,776	-36,299	1,823	538,786	-33,233	
26	129	0,000	-10932,800	2,776	49,854	1,591	535,282	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10930,300	2,221	-12,091	1,591	554,180	-35,745	
27	130	0,000	-10948,400	2,221	63,314	1,306	548,889	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10946,400	1,665	2,462	1,306	581,795	-37,701	
28	131	0,000	-10968,100	1,665	56,211	1,079	575,217	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10966,500	1,110	-3,520	1,079	601,571	-39,097	
29	132	0,000	-10995,800	1,110	105,368	1,079	593,635	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10994,200	0,555	46,673	1,079	669,682	-39,929	
30	133	0,000	-11033,900	0,555	112,243	0,201	656,450	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11033,600	0,000	54,649	0,201	739,896	-40,221	

CHAR_04 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _x	M _y	M _z	
1	1	0,000	-28318,200	16,678	1774,520	2,497	-17208,300	210,889	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28311,400	16,121	1700,780	2,497	-15463,300	194,421	
2	135	0,000	-28311,400	16,121	1700,780	2,497	-15463,300	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28304,700	15,563	1627,420	2,497	-13792,200	178,512	
3	136	0,000	-28304,700	15,563	1627,420	2,497	-13792,200	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28298,000	15,006	1554,480	2,497	-12194,600	163,164	
4	137	0,000	-28298,000	15,006	1554,480	2,497	-12194,600	163,164	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28291,400	14,449	1482,340	2,497	-10669,800	148,374	
5	138	0,000	-28291,400	14,449	1482,340	2,497	-10669,800	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28284,800	13,891	1410,310	2,497	-9217,460	134,145	
6	139	0,000	-28284,800	13,891	1410,310	2,497	-9217,460	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28278,300	13,334	1338,790	2,497	-7837,150	120,475	
7	140	0,000	-28278,300	13,334	1338,790	2,497	-7837,150	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28271,700	12,777	1267,740	2,497	-6528,420	107,365	
8	141	0,000	-28271,700	12,777	1267,740	2,497	-6528,420	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28265,300	12,220	1197,170	2,497	-5290,790	94,814	
9	142	0,000	-28265,300	12,220	1197,170	2,497	-5290,790	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28258,800	11,662	1127,170	2,497	-4123,750	82,823	

10	143	0,000	-28258,800	11,662	1127,170	2,497	-4123,750	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28252,500	11,105	1057,730	2,497	-3026,720	71,392	
11	144	0,000	-28252,500	11,105	1057,730	2,497	-3026,720	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28246,200	10,548	988,782	2,497	-1999,170	60,520	
12	145	0,000	-28246,200	10,548	988,782	2,497	-1999,170	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28239,900	9,990	920,418	2,497	-1040,570	50,208	
13	146	0,000	-28239,900	9,990	920,418	2,497	-1040,570	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28233,700	9,433	852,625	2,497	-150,332	40,456	
14	147	0,000	-28233,700	9,433	852,625	2,497	-150,332	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28227,500	8,876	785,445	2,497	672,137	31,264	
15	148	0,000	-27585,700	8,732	713,804	2,477	538,165	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27579,600	8,174	647,237	2,477	1221,540	22,653	
16	149	0,000	-27522,500	8,185	113,159	2,482	1223,650	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27516,500	7,628	47,263	2,482	1304,200	14,565	
17	150	0,000	-27499,500	7,642	-353,983	2,488	1310,020	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27493,500	7,084	-418,883	2,488	921,966	7,036	
18	151	0,000	-27761,300	7,122	-523,431	2,496	947,418	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27754,800	6,571	-593,265	2,496	392,336	0,117	
19	122	0,000	-66,656	6,670	724,516	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-64,111	6,448	696,852	2,500	284,274	-2,623	
20	123	0,000	-10298,700	6,113	309,789	2,417	403,926	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10293,300	5,556	241,364	2,417	680,361	-12,302	
21	124	0,000	-10292,300	5,556	23,097	2,368	679,054	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10287,300	4,999	-44,217	2,368	668,465	-17,603	
22	125	0,000	-10289,200	4,999	36,237	1,859	666,721	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10286,100	4,444	-29,969	1,859	669,858	-22,391	
23	126	0,000	-10308,900	4,444	30,390	2,215	668,124	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10304,800	3,888	-34,774	2,215	665,927	-26,532	
24	127	0,000	-10320,900	3,888	56,385	2,004	662,723	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10317,500	3,332	-7,679	2,004	687,111	-30,164	
25	128	0,000	-10335,400	3,332	42,495	1,823	682,699	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10332,400	2,776	-20,472	1,823	693,724	-33,233	
26	129	0,000	-10353,000	2,776	60,861	1,591	688,344	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10350,500	2,221	-1,084	1,591	718,257	-35,745	
27	130	0,000	-10375,900	2,221	70,179	1,306	710,864	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10373,900	1,665	9,326	1,306	750,638	-37,701	
28	131	0,000	-10403,300	1,665	60,163	1,079	741,823	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10401,700	1,110	0,432	1,079	772,131	-39,097	
29	132	0,000	-10437,400	1,110	103,694	1,079	762,176	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10435,800	0,555	44,999	1,079	836,549	-39,929	
30	133	0,000	-10481,000	0,555	107,267	0,201	821,761	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10480,700	0,000	49,673	0,201	900,232	-40,221	

CHAR_05 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
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1	1	0,000	-30444,400	16,678	1534,160	2,497	-14090,900	210,889	19 - SHAPE-MASSIVE PR_01
	135	1,004	-30438,400	16,121	1469,420	2,497	-12582,800	194,421	
2	135	0,000	-30438,400	16,121	1469,420	2,497	-12582,800	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-30432,500	15,563	1405,050	2,497	-11139,600	178,512	
3	136	0,000	-30432,500	15,563	1405,050	2,497	-11139,600	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-30426,700	15,006	1341,110	2,497	-9760,720	163,164	
4	137	0,000	-30426,700	15,006	1341,110	2,497	-9760,720	163,164	22 - SHAPE-MASSIVE PR_04
	138	1,004	-30420,900	14,449	1277,970	2,497	-8445,690	148,374	
5	138	0,000	-30420,900	14,449	1277,970	2,497	-8445,690	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-30415,100	13,891	1214,950	2,497	-7194,000	134,145	
6	139	0,000	-30415,100	13,891	1214,950	2,497	-7194,000	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-30409,400	13,334	1152,430	2,497	-6005,350	120,475	
7	140	0,000	-30409,400	13,334	1152,430	2,497	-6005,350	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-30403,700	12,777	1090,380	2,497	-4879,250	107,365	
8	141	0,000	-30403,700	12,777	1090,380	2,497	-4879,250	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-30398,000	12,220	1028,810	2,497	-3815,210	94,814	
9	142	0,000	-30398,000	12,220	1028,810	2,497	-3815,210	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-30392,400	11,662	967,802	2,497	-2812,720	82,823	
10	143	0,000	-30392,400	11,662	967,802	2,497	-2812,720	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-30386,900	11,105	907,366	2,497	-1871,210	71,392	
11	144	0,000	-30386,900	11,105	907,366	2,497	-1871,210	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-30381,400	10,548	847,418	2,497	-990,135	60,520	
12	145	0,000	-30381,400	10,548	847,418	2,497	-990,135	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-30376,000	9,990	788,053	2,497	-168,971	50,208	
13	146	0,000	-30376,000	9,990	788,053	2,497	-168,971	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-30370,600	9,433	729,260	2,497	592,866	40,456	
14	147	0,000	-30370,600	9,433	729,260	2,497	592,866	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-30365,200	8,876	671,081	2,497	1295,970	31,264	
15	148	0,000	-29788,100	8,732	599,818	2,477	1169,000	31,141	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29782,800	8,174	542,251	2,477	1742,430	22,653	
16	149	0,000	-29739,300	8,185	-30,735	2,482	1740,170	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29734,100	7,628	-87,631	2,482	1680,740	14,565	
17	150	0,000	-29732,300	7,642	-518,643	2,488	1678,080	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29727,200	7,084	-574,543	2,488	1129,200	7,036	
18	151	0,000	-30028,400	7,122	-689,369	2,496	1146,370	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-30022,800	6,571	-750,293	2,496	430,752	0,117	
19	122	0,000	-60,873	6,670	661,658	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-58,657	6,448	637,580	2,500	259,848	-2,623	
20	123	0,000	-11134,400	6,113	227,559	2,417	321,666	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11129,700	5,556	168,134	2,417	520,129	-12,302	
21	124	0,000	-11121,600	5,556	-67,563	2,368	519,185	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11117,200	4,999	-125,877	2,368	422,194	-17,603	
22	125	0,000	-11110,000	4,999	-38,417	1,859	421,659	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11107,400	4,444	-95,624	1,859	354,568	-22,391	
23	126	0,000	-11118,100	4,444	-29,784	2,215	354,808	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11114,600	3,888	-85,948	2,215	296,831	-26,532	
24	127	0,000	-11116,000	3,888	12,962	2,004	296,728	-26,549	42 - SHAPE-MASSIVE PR_24

	128	1,001	-11113,000	3,332	-42,102		2,004	282,137	-30,164	
25	128	0,000	-11114,700	3,332	12,482		1,823	281,621	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11112,100	2,776	-41,485		1,823	267,103	-33,233	
26	129	0,000	-11116,700	2,776	46,382		1,591	265,996	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11114,500	2,221	-6,563		1,591	285,923	-35,745	
27	130	0,000	-11124,600	2,221	70,225		1,306	282,871	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11122,900	1,665	18,372		1,306	327,194	-37,701	
28	131	0,000	-11138,800	1,665	73,044		1,079	322,323	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11137,500	1,110	22,313		1,079	370,019	-39,097	
29	132	0,000	-11165,100	1,110	132,897		1,079	362,570	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11163,800	0,555	83,202		1,079	470,659	-39,929	
30	133	0,000	-11205,700	0,555	149,825		0,201	456,485	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11205,500	0,000	101,231		0,201	582,015	-40,221	

CHAR_06 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _x	M _y	M _z	
1	1	0,000	-27743,300	16,678	1555,220	2,497	-14773,300	210,889	19 - SHAPE-MASSIVE PR_01
	135	1,004	-27737,400	16,121	1490,480	2,497	-13244,100	194,421	
2	135	0,000	-27737,400	16,121	1490,480	2,497	-13244,100	194,421	20 - SHAPE-MASSIVE PR_02
	136	1,004	-27731,500	15,563	1426,110	2,497	-11779,700	178,512	
3	136	0,000	-27731,500	15,563	1426,110	2,497	-11779,700	178,512	21 - SHAPE-MASSIVE PR_03
	137	1,004	-27725,600	15,006	1362,170	2,497	-10379,700	163,164	
4	137	0,000	-27725,600	15,006	1362,170	2,497	-10379,700	163,164	22 - SHAPE-MASSIVE PR_04
	138	1,004	-27719,800	14,449	1299,030	2,497	-9043,500	148,374	
5	138	0,000	-27719,800	14,449	1299,030	2,497	-9043,500	148,374	23 - SHAPE-MASSIVE PR_05
	139	1,004	-27714,000	13,891	1236,010	2,497	-7770,660	134,145	
6	139	0,000	-27714,000	13,891	1236,010	2,497	-7770,660	134,145	24 - SHAPE-MASSIVE PR_06
	140	1,004	-27708,300	13,334	1173,490	2,497	-6560,860	120,475	
7	140	0,000	-27708,300	13,334	1173,490	2,497	-6560,860	120,475	25 - SHAPE-MASSIVE PR_07
	141	1,004	-27702,600	12,777	1111,440	2,497	-5413,610	107,365	
8	141	0,000	-27702,600	12,777	1111,440	2,497	-5413,610	107,365	26 - SHAPE-MASSIVE PR_08
	142	1,004	-27697,000	12,220	1049,870	2,497	-4328,430	94,814	
9	142	0,000	-27697,000	12,220	1049,870	2,497	-4328,430	94,814	27 - SHAPE-MASSIVE PR_09
	143	1,004	-27691,400	11,662	988,861	2,497	-3304,790	82,823	
10	143	0,000	-27691,400	11,662	988,861	2,497	-3304,790	82,823	28 - SHAPE-MASSIVE PR_10
	144	1,004	-27685,800	11,105	928,426	2,497	-2342,130	71,392	
11	144	0,000	-27685,800	11,105	928,426	2,497	-2342,130	71,392	29 - SHAPE-MASSIVE PR_11
	145	1,004	-27680,300	10,548	868,477	2,497	-1439,910	60,520	
12	145	0,000	-27680,300	10,548	868,477	2,497	-1439,910	60,520	30 - SHAPE-MASSIVE PR_12
	146	1,004	-27674,900	9,990	809,113	2,497	-597,595	50,208	
13	146	0,000	-27674,900	9,990	809,113	2,497	-597,595	50,208	31 - SHAPE-MASSIVE PR_13
	147	1,004	-27669,500	9,433	750,320	2,497	185,390	40,456	
14	147	0,000	-27669,500	9,433	750,320	2,497	185,390	40,456	32 - SHAPE-MASSIVE PR_14
	148	1,004	-27664,200	8,876	692,140	2,497	909,644	31,264	
15	148	0,000	-27088,500	8,732	621,987	2,477	785,416	31,141	33 - SHAPE-MASSIVE PR_15

	149	1,004	-27083,200	8,174	564,420	2,477	1381,110	22,653	
16	149	0,000	-27033,400	8,185	38,280	2,482	1384,180	22,505	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27028,200	7,628	-18,616	2,482	1394,050	14,565	
17	150	0,000	-27018,100	7,642	-414,120	2,488	1401,780	14,429	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27013,000	7,084	-470,020	2,488	957,857	7,036	
18	151	0,000	-27281,000	7,122	-573,810	2,496	985,683	6,924	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27275,400	6,571	-634,734	2,496	384,945	0,117	
19	122	0,000	-60,873	6,670	661,658	2,500	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-58,658	6,448	637,580	2,500	259,848	-2,623	
20	123	0,000	-10118,900	6,113	261,789	2,417	350,266	-6,449	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10114,200	5,556	202,364	2,417	583,065	-12,302	
21	124	0,000	-10110,800	5,556	-12,051	2,368	581,937	-12,311	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10106,400	4,999	-70,365	2,368	540,613	-17,603	
22	125	0,000	-10105,400	4,999	8,804	1,859	539,336	-17,664	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10102,800	4,444	-48,402	1,859	519,516	-22,391	
23	126	0,000	-10119,800	4,444	11,091	2,215	518,623	-22,358	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10116,300	3,888	-45,073	2,215	501,599	-26,532	
24	127	0,000	-10127,000	3,888	44,571	2,004	499,518	-26,549	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10124,100	3,332	-10,493	2,004	516,582	-30,164	
25	128	0,000	-10136,700	3,332	38,862	1,823	513,440	-30,175	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10134,100	2,776	-15,105	1,823	525,332	-33,233	
26	129	0,000	-10150,400	2,776	64,726	1,591	521,099	-33,245	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10148,200	2,221	11,781	1,591	559,385	-35,745	
27	130	0,000	-10170,600	2,221	81,666	1,306	552,830	-35,757	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10168,900	1,665	29,813	1,306	608,600	-37,701	
28	131	0,000	-10197,400	1,665	79,631	1,079	599,999	-37,708	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10196,000	1,110	28,900	1,079	654,284	-39,097	
29	132	0,000	-10234,500	1,110	130,108	1,079	643,472	-39,097	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10233,200	0,555	80,413	1,079	748,771	-39,929	
30	133	0,000	-10284,200	0,555	141,532	0,201	732,005	-39,944	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10284,000	0,000	92,938	0,201	849,241	-40,221	

CHAR_07 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-29852,100	16,625	1582,750	256,662	-14785,600	210,547	19 - SHAPE-MASSIVE PR_01
	135	1,004	-29846,700	16,067	1516,470	248,187	-13229,500	194,132	
2	135	0,000	-29846,700	16,067	1516,470	248,187	-13229,500	194,132	20 - SHAPE-MASSIVE PR_02
	136	1,004	-29841,300	15,510	1450,580	239,712	-11739,800	178,277	
3	136	0,000	-29841,300	15,510	1450,580	239,712	-11739,800	178,277	21 - SHAPE-MASSIVE PR_03
	137	1,004	-29836,000	14,953	1385,100	231,236	-10316,000	162,982	
4	137	0,000	-29836,000	14,953	1385,100	231,236	-10316,000	162,982	22 - SHAPE-MASSIVE PR_04
	138	1,004	-29830,800	14,395	1320,440	222,761	-8957,540	148,247	
5	138	0,000	-29830,800	14,395	1320,440	222,761	-8957,540	148,247	23 - SHAPE-MASSIVE PR_05
	139	1,004	-29825,500	13,838	1255,880	214,286	-7663,980	134,071	
6	139	0,000	-29825,500	13,838	1255,880	214,286	-7663,980	134,071	24 - SHAPE-MASSIVE PR_06

	140	1,004	-29820,300	13,281	1191,830	205,810	-6434,990	120,455	
7	140	0,000	-29820,300	13,281	1191,830	205,810	-6434,990	120,455	25 - SHAPE-MASSIVE PR_07
	141	1,004	-29815,200	12,723	1128,250	197,335	-5270,090	107,398	
8	141	0,000	-29815,200	12,723	1128,250	197,335	-5270,090	107,398	26 - SHAPE-MASSIVE PR_08
	142	1,004	-29810,100	12,166	1065,150	188,859	-4168,800	94,901	
9	142	0,000	-29810,100	12,166	1065,150	188,859	-4168,800	94,901	27 - SHAPE-MASSIVE PR_09
	143	1,004	-29805,100	11,609	1002,610	180,384	-3130,590	82,964	
10	143	0,000	-29805,100	11,609	1002,610	180,384	-3130,590	82,964	28 - SHAPE-MASSIVE PR_10
	144	1,004	-29800,100	11,051	940,640	171,909	-2154,890	71,587	
11	144	0,000	-29800,100	11,051	940,640	171,909	-2154,890	71,587	29 - SHAPE-MASSIVE PR_11
	145	1,004	-29795,100	10,494	879,160	163,433	-1241,170	60,769	
12	145	0,000	-29795,100	10,494	879,160	163,433	-1241,170	60,769	30 - SHAPE-MASSIVE PR_12
	146	1,004	-29790,300	9,937	818,265	154,958	-388,902	50,511	
13	146	0,000	-29790,300	9,937	818,265	154,958	-388,902	50,511	31 - SHAPE-MASSIVE PR_13
	147	1,004	-29785,400	9,379	757,940	146,482	402,504	40,812	
14	147	0,000	-29785,400	9,379	757,940	146,482	402,504	40,812	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29780,600	8,822	698,229	138,007	1133,640	31,673	
15	148	0,000	-29189,600	7,005	626,859	137,754	1005,240	30,293	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29184,900	6,448	567,761	129,279	1605,060	23,538	
16	149	0,000	-29137,900	6,705	5,474	129,344	1604,000	21,870	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29133,200	6,148	-52,953	120,869	1580,170	15,417	
17	150	0,000	-29127,400	6,606	-475,791	120,963	1579,850	14,091	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29122,900	6,049	-533,222	112,488	1073,230	7,737	
18	151	0,000	-29415,000	6,698	-645,264	112,566	1092,700	6,888	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29410,000	6,147	-707,704	104,176	420,169	0,503	
19	122	0,000	-74,828	6,670	678,343	104,205	0,000	0,034	37 - SHAPE-MASSIVE PR_19
	219	0,400	-72,833	6,448	653,654	100,829	266,399	-2,589	
20	123	0,000	-10917,200	6,113	250,703	95,639	344,173	-7,619	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10913,000	5,556	189,754	87,172	565,088	-13,471	
21	124	0,000	-10906,800	5,556	-41,085	87,118	564,041	-13,818	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10902,900	4,999	-100,920	78,654	492,839	-19,110	
22	125	0,000	-10898,300	4,999	-14,984	78,070	491,950	-21,374	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10896,000	4,444	-73,698	69,621	447,563	-26,101	
23	126	0,000	-10910,400	4,444	-9,620	70,028	447,193	-24,987	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10907,300	3,888	-67,298	61,572	408,659	-29,160	
24	127	0,000	-10913,400	3,888	29,580	61,337	407,556	-29,650	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10910,800	3,332	-26,995	52,885	408,850	-33,265	
25	128	0,000	-10918,000	3,332	26,443	52,685	406,991	-33,581	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10915,700	2,776	-29,032	44,235	405,695	-36,639	
26	129	0,000	-10926,400	2,776	57,134	43,978	402,974	-36,947	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10924,500	2,221	2,683	35,531	432,908	-39,447	
27	130	0,000	-10941,100	2,221	78,080	35,215	427,998	-39,730	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10939,600	1,665	24,723	26,770	479,427	-41,674	
28	131	0,000	-10962,300	1,665	78,447	26,520	472,531	-41,834	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10961,100	1,110	26,213	18,077	524,881	-43,222	
29	132	0,000	-10994,900	1,110	134,887	18,077	515,544	-43,222	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10993,800	0,555	83,690	9,634	624,873	-44,055	

30	133	0,000	-11041,400	0,555	149,611	8,663	609,018	-44,256	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11041,200	0,000	99,517	0,223	733,583	-44,534	

CHAR_08 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28231,400	16,625	1595,380	256,662	-15195,000	210,547	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28226,000	16,067	1529,110	248,187	-13626,300	194,132	
2	135	0,000	-28226,000	16,067	1529,110	248,187	-13626,300	194,132	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28220,700	15,510	1463,210	239,712	-12123,800	178,277	
3	136	0,000	-28220,700	15,510	1463,210	239,712	-12123,800	178,277	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28215,400	14,953	1397,740	231,236	-10687,300	162,982	
4	137	0,000	-28215,400	14,953	1397,740	231,236	-10687,300	162,982	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28210,100	14,395	1333,070	222,761	-9316,220	148,247	
5	138	0,000	-28210,100	14,395	1333,070	222,761	-9316,220	148,247	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28204,900	13,838	1268,520	214,286	-8009,970	134,071	
6	139	0,000	-28204,900	13,838	1268,520	214,286	-8009,970	134,071	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28199,700	13,281	1204,460	205,810	-6768,300	120,455	
7	140	0,000	-28199,700	13,281	1204,460	205,810	-6768,300	120,455	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28194,600	12,723	1140,880	197,335	-5590,710	107,398	
8	141	0,000	-28194,600	12,723	1140,880	197,335	-5590,710	107,398	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28189,500	12,166	1077,780	188,859	-4476,730	94,901	
9	142	0,000	-28189,500	12,166	1077,780	188,859	-4476,730	94,901	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28184,400	11,609	1015,240	180,384	-3425,830	82,964	
10	143	0,000	-28184,400	11,609	1015,240	180,384	-3425,830	82,964	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28179,400	11,051	953,276	171,909	-2437,440	71,587	
11	144	0,000	-28179,400	11,051	953,276	171,909	-2437,440	71,587	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28174,500	10,494	891,796	163,433	-1511,040	60,769	
12	145	0,000	-28174,500	10,494	891,796	163,433	-1511,040	60,769	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28169,600	9,937	830,900	154,958	-646,077	50,511	
13	146	0,000	-28169,600	9,937	830,900	154,958	-646,077	50,511	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28164,800	9,379	770,576	146,482	158,018	40,812	
14	147	0,000	-28164,800	9,379	770,576	146,482	158,018	40,812	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28160,000	8,822	710,865	138,007	901,844	31,673	
15	148	0,000	-27569,800	7,005	640,161	137,754	775,093	30,293	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27565,100	6,448	581,063	129,279	1388,260	23,538	
16	149	0,000	-27514,400	6,705	46,883	129,344	1390,410	21,870	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27509,700	6,148	-11,544	120,869	1408,150	15,417	
17	150	0,000	-27498,900	6,606	-413,078	120,963	1414,070	14,091	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27494,300	6,049	-470,509	112,488	970,422	7,737	
18	151	0,000	-27766,600	6,698	-575,929	112,566	996,282	6,888	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27761,600	6,147	-638,369	104,176	392,685	0,503	
19	122	0,000	-74,828	6,670	678,343	104,205	0,000	0,034	37 - SHAPE-MASSIVE PR_19
	219	0,400	-72,832	6,448	653,654	100,829	266,399	-2,589	
20	123	0,000	-10307,800	6,113	271,241	95,639	361,333	-7,619	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10303,600	5,556	210,292	87,172	602,849	-13,471	

21	124	0,000	-10300,300	5,556	-7,778	87,118	601,693	-13,818	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10296,400	4,999	-67,613	78,654	563,891	-19,110	
22	125	0,000	-10295,500	4,999	13,349	78,070	562,556	-21,374	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10293,200	4,444	-45,365	69,621	546,531	-26,101	
23	126	0,000	-10311,500	4,444	14,905	70,028	545,482	-24,987	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10308,400	3,888	-42,773	61,572	531,520	-29,160	
24	127	0,000	-10320,100	3,888	48,545	61,337	529,230	-29,650	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10317,400	3,332	-8,030	52,885	549,518	-33,265	
25	128	0,000	-10331,300	3,332	42,271	52,685	546,083	-33,581	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10328,900	2,776	-13,204	44,235	560,633	-36,639	
26	129	0,000	-10346,600	2,776	68,141	43,978	556,036	-36,947	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10344,700	2,221	13,690	35,531	596,985	-39,447	
27	130	0,000	-10368,600	2,221	84,944	35,215	589,974	-39,730	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10367,100	1,665	31,587	26,770	648,271	-41,674	
28	131	0,000	-10397,400	1,665	82,399	26,520	639,138	-41,834	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10396,200	1,110	30,165	18,077	695,440	-43,222	
29	132	0,000	-10436,600	1,110	133,214	18,077	684,086	-43,222	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10435,400	0,555	82,016	9,634	791,740	-44,055	
30	133	0,000	-10488,500	0,555	144,635	8,663	774,329	-44,256	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10488,300	0,000	94,541	0,223	893,919	-44,534	

CAS_01 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-29674,400	0,000	1540,160	0,000	-14285,400	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-29668,500	0,000	1475,420	0,000	-12771,300	0,000	
2	135	0,000	-29668,500	0,000	1475,420	0,000	-12771,300	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-29662,600	0,000	1411,050	0,000	-11322,000	0,000	
3	136	0,000	-29662,600	0,000	1411,050	0,000	-11322,000	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-29656,700	0,000	1347,110	0,000	-9937,150	0,000	
4	137	0,000	-29656,700	0,000	1347,110	0,000	-9937,150	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-29650,900	0,000	1283,980	0,000	-8616,090	0,000	
5	138	0,000	-29650,900	0,000	1283,980	0,000	-8616,090	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-29645,200	0,000	1220,950	0,000	-7358,380	0,000	
6	139	0,000	-29645,200	0,000	1220,950	0,000	-7358,380	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-29639,400	0,000	1158,430	0,000	-6163,700	0,000	
7	140	0,000	-29639,400	0,000	1158,430	0,000	-6163,700	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-29633,800	0,000	1096,380	0,000	-5031,570	0,000	
8	141	0,000	-29633,800	0,000	1096,380	0,000	-5031,570	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-29628,100	0,000	1034,810	0,000	-3961,500	0,000	
9	142	0,000	-29628,100	0,000	1034,810	0,000	-3961,500	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-29622,500	0,000	973,804	0,000	-2952,980	0,000	
10	143	0,000	-29622,500	0,000	973,804	0,000	-2952,980	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-29617,000	0,000	913,369	0,000	-2005,440	0,000	
11	144	0,000	-29617,000	0,000	913,369	0,000	-2005,440	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-29611,500	0,000	853,421	0,000	-1118,340	0,000	

12	145	0,000	-29611,500	0,000	853,421	0,000	-1118,340	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-29606,000	0,000	794,056	0,000	-291,149	0,000	
13	146	0,000	-29606,000	0,000	794,056	0,000	-291,149	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-29600,700	0,000	735,263	0,000	476,717	0,000	
14	147	0,000	-29600,700	0,000	735,263	0,000	476,717	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29595,300	0,000	677,084	0,000	1185,850	0,000	
15	148	0,000	-29018,600	0,000	606,137	0,000	1059,660	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29013,300	0,000	548,570	0,000	1639,440	0,000	
16	149	0,000	-28968,000	0,000	-11,063	0,000	1638,690	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-28962,800	0,000	-67,958	0,000	1599,020	0,000	
17	150	0,000	-28958,600	0,000	-488,849	0,000	1599,320	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-28953,500	0,000	-544,749	0,000	1080,360	0,000	
18	151	0,000	-29245,300	0,000	-656,429	0,000	1100,570	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29239,700	0,000	-717,353	0,000	417,695	0,000	
19	122	0,000	-60,873	0,000	661,658	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-58,657	0,000	637,580	0,000	259,848	0,000	
20	123	0,000	-10845,000	0,000	237,316	0,000	329,818	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10840,300	0,000	177,891	0,000	538,069	0,000	
21	124	0,000	-10833,500	0,000	-51,739	0,000	537,072	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10829,100	0,000	-110,053	0,000	455,949	0,000	
22	125	0,000	-10823,700	0,000	-24,957	0,000	455,203	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10821,000	0,000	-82,163	0,000	401,586	0,000	
23	126	0,000	-10833,500	0,000	-18,133	0,000	401,503	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10830,000	0,000	-74,297	0,000	355,199	0,000	
24	127	0,000	-10834,100	0,000	21,972	0,000	354,533	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10831,100	0,000	-33,092	0,000	348,965	0,000	
25	128	0,000	-10835,900	0,000	20,002	0,000	347,700	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10833,300	0,000	-33,965	0,000	340,710	0,000	
26	129	0,000	-10841,300	0,000	51,611	0,000	338,713	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10839,100	0,000	-1,334	0,000	363,872	0,000	
27	130	0,000	-10852,700	0,000	73,486	0,000	359,822	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10851,000	0,000	21,633	0,000	407,408	0,000	
28	131	0,000	-10870,500	0,000	74,922	0,000	401,474	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10869,100	0,000	24,191	0,000	451,048	0,000	
29	132	0,000	-10899,800	0,000	132,102	0,000	442,640	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10898,500	0,000	82,407	0,000	549,934	0,000	
30	133	0,000	-10943,100	0,000	147,461	0,000	535,021	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10942,800	0,000	98,867	0,000	658,187	0,000	

CAS_02 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-29659,000	0,000	1522,420	0,000	-13967,900	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-29653,100	0,000	1457,680	0,000	-12471,600	0,000	
2	135	0,000	-29653,100	0,000	1457,680	0,000	-12471,600	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-29647,200	0,000	1393,320	0,000	-11040,100	0,000	

3	136	0,000	-29647,200	0,000	1393,320	0,000	-11040,100	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-29641,300	0,000	1329,380	0,000	-9673,070	0,000	
4	137	0,000	-29641,300	0,000	1329,380	0,000	-9673,070	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-29635,600	0,000	1266,240	0,000	-8369,820	0,000	
5	138	0,000	-29635,600	0,000	1266,240	0,000	-8369,820	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-29629,800	0,000	1203,210	0,000	-7129,910	0,000	
6	139	0,000	-29629,800	0,000	1203,210	0,000	-7129,910	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-29624,100	0,000	1140,690	0,000	-5953,050	0,000	
7	140	0,000	-29624,100	0,000	1140,690	0,000	-5953,050	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-29618,400	0,000	1078,650	0,000	-4838,730	0,000	
8	141	0,000	-29618,400	0,000	1078,650	0,000	-4838,730	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-29612,700	0,000	1017,070	0,000	-3786,470	0,000	
9	142	0,000	-29612,700	0,000	1017,070	0,000	-3786,470	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-29607,100	0,000	956,067	0,000	-2795,770	0,000	
10	143	0,000	-29607,100	0,000	956,067	0,000	-2795,770	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-29601,600	0,000	895,632	0,000	-1866,040	0,000	
11	144	0,000	-29601,600	0,000	895,632	0,000	-1866,040	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-29596,100	0,000	835,683	0,000	-996,750	0,000	
12	145	0,000	-29596,100	0,000	835,683	0,000	-996,750	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-29590,700	0,000	776,318	0,000	-187,370	0,000	
13	146	0,000	-29590,700	0,000	776,318	0,000	-187,370	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-29585,300	0,000	717,525	0,000	562,683	0,000	
14	147	0,000	-29585,300	0,000	717,525	0,000	562,683	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29579,900	0,000	659,346	0,000	1254,010	0,000	
15	148	0,000	-29011,500	0,000	588,828	0,000	1129,140	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29006,200	0,000	531,261	0,000	1691,530	0,000	
16	149	0,000	-28962,600	0,000	-28,331	0,000	1690,780	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-28957,400	0,000	-85,227	0,000	1633,760	0,000	
17	150	0,000	-28955,100	0,000	-506,136	0,000	1634,090	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-28950,000	0,000	-562,036	0,000	1097,760	0,000	
18	151	0,000	-29243,300	0,000	-673,940	0,000	1118,110	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29237,700	0,000	-734,864	0,000	417,832	0,000	
19	122	0,000	-59,222	0,000	643,719	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-57,007	0,000	619,640	0,000	252,672	0,000	
20	123	0,000	-10843,200	0,000	219,367	0,000	311,811	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10838,500	0,000	159,942	0,000	502,057	0,000	
21	124	0,000	-10830,600	0,000	-69,621	0,000	501,136	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10826,300	0,000	-127,935	0,000	402,081	0,000	
22	125	0,000	-10819,300	0,000	-42,784	0,000	401,579	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10816,600	0,000	-99,990	0,000	330,117	0,000	
23	126	0,000	-10825,800	0,000	-35,841	0,000	330,533	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10822,300	0,000	-92,005	0,000	266,487	0,000	
24	127	0,000	-10822,300	0,000	4,328	0,000	266,670	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10819,400	0,000	-50,735	0,000	243,433	0,000	
25	128	0,000	-10818,900	0,000	2,442	0,000	243,429	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10816,300	0,000	-51,525	0,000	218,859	0,000	
26	129	0,000	-10818,000	0,000	34,039	0,000	218,552	0,000	44 - SHAPE-MASSIVE PR_26

	130	1,001	-10815,800	0,000	-18,906	0,000	226,125	0,000	
27	130	0,000	-10821,800	0,000	55,845	0,000	224,280	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10820,100	0,000	3,992	0,000	254,214	0,000	
28	131	0,000	-10830,300	0,000	57,190	0,000	251,028	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10829,000	0,000	6,459	0,000	282,865	0,000	
29	132	0,000	-10849,500	0,000	113,944	0,000	277,543	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10848,200	0,000	64,249	0,000	366,672	0,000	
30	133	0,000	-10881,400	0,000	128,892	0,000	355,262	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10881,200	0,000	80,298	0,000	459,858	0,000	

CAS_03 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Sily [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-29729,200	0,000	1360,780	0,000	-12015,800	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-29723,800	0,000	1302,040	0,000	-10678,800	0,000	
2	135	0,000	-29723,800	0,000	1302,040	0,000	-10678,800	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-29718,400	0,000	1243,670	0,000	-9400,590	0,000	
3	136	0,000	-29718,400	0,000	1243,670	0,000	-9400,590	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-29713,100	0,000	1185,730	0,000	-8180,800	0,000	
4	137	0,000	-29713,100	0,000	1185,730	0,000	-8180,800	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-29707,900	0,000	1128,590	0,000	-7018,780	0,000	
5	138	0,000	-29707,900	0,000	1128,590	0,000	-7018,780	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-29702,600	0,000	1071,570	0,000	-5914,090	0,000	
6	139	0,000	-29702,600	0,000	1071,570	0,000	-5914,090	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-29697,500	0,000	1015,050	0,000	-4866,400	0,000	
7	140	0,000	-29697,500	0,000	1015,050	0,000	-4866,400	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-29692,300	0,000	959,002	0,000	-3875,240	0,000	
8	141	0,000	-29692,300	0,000	959,002	0,000	-3875,240	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-29687,200	0,000	903,430	0,000	-2940,120	0,000	
9	142	0,000	-29687,200	0,000	903,430	0,000	-2940,120	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-29682,200	0,000	848,423	0,000	-2060,520	0,000	
10	143	0,000	-29682,200	0,000	848,423	0,000	-2060,520	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-29677,200	0,000	793,988	0,000	-1235,870	0,000	
11	144	0,000	-29677,200	0,000	793,988	0,000	-1235,870	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-29672,300	0,000	740,039	0,000	-465,642	0,000	
12	145	0,000	-29672,300	0,000	740,039	0,000	-465,642	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-29667,400	0,000	686,675	0,000	250,706	0,000	
13	146	0,000	-29667,400	0,000	686,675	0,000	250,706	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-29662,500	0,000	633,882	0,000	913,753	0,000	
14	147	0,000	-29662,500	0,000	633,882	0,000	913,753	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29657,700	0,000	581,703	0,000	1524,090	0,000	
15	148	0,000	-29138,600	0,000	512,272	0,000	1406,130	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29133,900	0,000	460,705	0,000	1894,660	0,000	
16	149	0,000	-29097,400	0,000	-101,609	0,000	1893,620	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29092,800	0,000	-152,505	0,000	1766,030	0,000	
17	150	0,000	-29097,800	0,000	-575,694	0,000	1765,860	0,000	35 - SHAPE-MASSIVE PR_17

	151	1,004	-29093,200	0,000	-625,593	0,000	1162,700	0,000	
18	151	0,000	-29393,400	0,000	-739,036	0,000	1182,900	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29388,300	0,000	-794,020	0,000	420,858	0,000	
19	122	0,000	-54,267	0,000	589,854	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,271	0,000	568,166	0,000	231,604	0,000	
20	123	0,000	-10896,500	0,000	169,525	0,000	259,124	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10892,300	0,000	116,100	0,000	402,382	0,000	
21	124	0,000	-10881,200	0,000	-114,502	0,000	401,663	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10877,300	0,000	-166,816	0,000	260,609	0,000	
22	125	0,000	-10866,200	0,000	-81,062	0,000	260,707	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10863,900	0,000	-132,269	0,000	153,929	0,000	
23	126	0,000	-10865,900	0,000	-67,529	0,000	155,433	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10862,800	0,000	-117,693	0,000	62,644	0,000	
24	127	0,000	-10855,000	0,000	-20,735	0,000	64,483	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10852,300	0,000	-69,799	0,000	19,149	0,000	
25	128	0,000	-10843,000	0,000	-16,215	0,000	21,283	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10840,700	0,000	-64,182	0,000	-18,962	0,000	
26	129	0,000	-10833,300	0,000	21,752	0,000	-16,840	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10831,300	0,000	-25,193	0,000	-18,562	0,000	
27	130	0,000	-10828,000	0,000	49,778	0,000	-17,776	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10826,500	0,000	3,925	0,000	9,090	0,000	
28	131	0,000	-10827,900	0,000	57,218	0,000	8,519	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10826,700	0,000	12,487	0,000	43,384	0,000	
29	132	0,000	-10840,400	0,000	119,927	0,000	40,125	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10839,200	0,000	76,232	0,000	138,241	0,000	
30	133	0,000	-10867,300	0,000	140,780	0,000	128,291	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10867,100	0,000	98,186	0,000	247,775	0,000	

CAS_04 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28108,500	0,000	1373,420	0,000	-12425,200	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28103,100	0,000	1314,680	0,000	-11075,500	0,000	
2	135	0,000	-28103,100	0,000	1314,680	0,000	-11075,500	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28097,800	0,000	1256,310	0,000	-9784,650	0,000	
3	136	0,000	-28097,800	0,000	1256,310	0,000	-9784,650	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28092,500	0,000	1198,370	0,000	-8552,170	0,000	
4	137	0,000	-28092,500	0,000	1198,370	0,000	-8552,170	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28087,200	0,000	1141,230	0,000	-7377,460	0,000	
5	138	0,000	-28087,200	0,000	1141,230	0,000	-7377,460	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28082,000	0,000	1084,210	0,000	-6260,080	0,000	
6	139	0,000	-28082,000	0,000	1084,210	0,000	-6260,080	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28076,800	0,000	1027,680	0,000	-5199,710	0,000	
7	140	0,000	-28076,800	0,000	1027,680	0,000	-5199,710	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28071,700	0,000	971,637	0,000	-4195,860	0,000	
8	141	0,000	-28071,700	0,000	971,637	0,000	-4195,860	0,000	26 - SHAPE-MASSIVE PR_08

	142	1,004	-28066,600	0,000	916,066	0,000	-3248,050	0,000	
9	142	0,000	-28066,600	0,000	916,066	0,000	-3248,050	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28061,600	0,000	861,059	0,000	-2355,760	0,000	
10	143	0,000	-28061,600	0,000	861,059	0,000	-2355,760	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28056,600	0,000	806,624	0,000	-1518,420	0,000	
11	144	0,000	-28056,600	0,000	806,624	0,000	-1518,420	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28051,600	0,000	752,675	0,000	-735,505	0,000	
12	145	0,000	-28051,600	0,000	752,675	0,000	-735,505	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28046,700	0,000	699,311	0,000	-6,468	0,000	
13	146	0,000	-28046,700	0,000	699,311	0,000	-6,468	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28041,900	0,000	646,518	0,000	669,268	0,000	
14	147	0,000	-28041,900	0,000	646,518	0,000	669,268	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28037,100	0,000	594,338	0,000	1292,300	0,000	
15	148	0,000	-27518,900	0,000	525,573	0,000	1175,980	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27514,100	0,000	474,007	0,000	1677,860	0,000	
16	149	0,000	-27473,900	0,000	-60,200	0,000	1680,030	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27469,300	0,000	-111,096	0,000	1594,020	0,000	
17	150	0,000	-27469,300	0,000	-512,980	0,000	1600,080	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27464,700	0,000	-562,880	0,000	1059,900	0,000	
18	151	0,000	-27744,900	0,000	-669,701	0,000	1086,490	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27739,900	0,000	-724,685	0,000	393,374	0,000	
19	122	0,000	-54,267	0,000	589,854	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,272	0,000	568,166	0,000	231,604	0,000	
20	123	0,000	-10287,200	0,000	190,063	0,000	276,284	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10283,000	0,000	136,638	0,000	440,143	0,000	
21	124	0,000	-10274,700	0,000	-81,196	0,000	439,314	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10270,800	0,000	-133,510	0,000	331,660	0,000	
22	125	0,000	-10263,400	0,000	-52,729	0,000	331,313	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10261,100	0,000	-103,936	0,000	252,897	0,000	
23	126	0,000	-10267,000	0,000	-43,004	0,000	253,722	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10263,900	0,000	-93,168	0,000	185,505	0,000	
24	127	0,000	-10261,600	0,000	-1,770	0,000	186,157	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10259,000	0,000	-50,834	0,000	159,816	0,000	
25	128	0,000	-10256,200	0,000	-0,387	0,000	160,374	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10253,900	0,000	-48,354	0,000	135,975	0,000	
26	129	0,000	-10253,500	0,000	32,759	0,000	136,222	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10251,500	0,000	-14,186	0,000	145,516	0,000	
27	130	0,000	-10255,600	0,000	56,642	0,000	144,199	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10254,100	0,000	10,789	0,000	177,933	0,000	
28	131	0,000	-10263,100	0,000	61,170	0,000	175,125	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10261,900	0,000	16,439	0,000	213,943	0,000	
29	132	0,000	-10282,100	0,000	118,253	0,000	208,666	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10280,900	0,000	74,559	0,000	305,107	0,000	
30	133	0,000	-10314,400	0,000	135,804	0,000	293,602	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10314,200	0,000	93,210	0,000	408,111	0,000	

CAS_05 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28323,900	0,000	1550,690	0,000	-14626,600	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28318,000	0,000	1485,950	0,000	-13101,900	0,000	
2	135	0,000	-28318,000	0,000	1485,950	0,000	-13101,900	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28312,100	0,000	1421,580	0,000	-11642,100	0,000	
3	136	0,000	-28312,100	0,000	1421,580	0,000	-11642,100	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28306,200	0,000	1357,640	0,000	-10246,600	0,000	
4	137	0,000	-28306,200	0,000	1357,640	0,000	-10246,600	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28300,400	0,000	1294,510	0,000	-8915,000	0,000	
5	138	0,000	-28300,400	0,000	1294,510	0,000	-8915,000	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28294,600	0,000	1231,480	0,000	-7646,710	0,000	
6	139	0,000	-28294,600	0,000	1231,480	0,000	-7646,710	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28288,900	0,000	1168,960	0,000	-6441,450	0,000	
7	140	0,000	-28288,900	0,000	1168,960	0,000	-6441,450	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28283,200	0,000	1106,910	0,000	-5298,750	0,000	
8	141	0,000	-28283,200	0,000	1106,910	0,000	-5298,750	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28277,600	0,000	1045,340	0,000	-4218,110	0,000	
9	142	0,000	-28277,600	0,000	1045,340	0,000	-4218,110	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28272,000	0,000	984,334	0,000	-3199,020	0,000	
10	143	0,000	-28272,000	0,000	984,334	0,000	-3199,020	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28266,400	0,000	923,899	0,000	-2240,900	0,000	
11	144	0,000	-28266,400	0,000	923,899	0,000	-2240,900	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28260,900	0,000	863,950	0,000	-1343,230	0,000	
12	145	0,000	-28260,900	0,000	863,950	0,000	-1343,230	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28255,500	0,000	804,586	0,000	-505,461	0,000	
13	146	0,000	-28255,500	0,000	804,586	0,000	-505,461	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28250,100	0,000	745,793	0,000	272,978	0,000	
14	147	0,000	-28250,100	0,000	745,793	0,000	272,978	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28244,800	0,000	687,614	0,000	992,686	0,000	
15	148	0,000	-27668,800	0,000	617,221	0,000	867,869	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27663,500	0,000	559,655	0,000	1458,770	0,000	
16	149	0,000	-27615,100	0,000	23,445	0,000	1460,700	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27609,900	0,000	-33,451	0,000	1455,670	0,000	
17	150	0,000	-27601,500	0,000	-436,588	0,000	1461,170	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27596,400	0,000	-492,487	0,000	994,687	0,000	
18	151	0,000	-27871,600	0,000	-598,650	0,000	1020,220	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27866,000	0,000	-659,574	0,000	394,791	0,000	
19	122	0,000	-60,873	0,000	661,658	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-58,657	0,000	637,580	0,000	259,848	0,000	
20	123	0,000	-10337,200	0,000	254,431	0,000	344,118	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10332,500	0,000	195,006	0,000	569,537	0,000	
21	124	0,000	-10328,100	0,000	-23,984	0,000	568,448	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10323,700	0,000	-82,298	0,000	515,159	0,000	
22	125	0,000	-10321,300	0,000	-1,346	0,000	514,041	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10318,700	0,000	-58,552	0,000	484,060	0,000	

23	126	0,000	-10334,400	0,000	2,305	0,000	483,410	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10330,900	0,000	-53,859	0,000	457,583	0,000	
24	127	0,000	-10339,600	0,000	37,777	0,000	455,928	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10336,600	0,000	-17,287	0,000	466,188	0,000	
25	128	0,000	-10346,900	0,000	33,191	0,000	463,610	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10344,300	0,000	-20,775	0,000	469,825	0,000	
26	129	0,000	-10358,100	0,000	60,783	0,000	466,264	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10355,900	0,000	7,838	0,000	500,604	0,000	
27	130	0,000	-10375,700	0,000	79,207	0,000	494,802	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10374,000	0,000	27,354	0,000	548,111	0,000	
28	131	0,000	-10399,700	0,000	78,215	0,000	540,312	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10398,400	0,000	27,484	0,000	593,180	0,000	
29	132	0,000	-10434,600	0,000	130,708	0,000	583,091	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10433,200	0,000	81,013	0,000	688,990	0,000	
30	133	0,000	-10482,300	0,000	143,314	0,000	672,781	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10482,100	0,000	94,721	0,000	791,800	0,000	

CAS_06 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-29659,000	0,000	1522,420	0,000	-13967,900	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-29653,100	0,000	1457,680	0,000	-12471,600	0,000	
2	135	0,000	-29653,100	0,000	1457,680	0,000	-12471,600	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-29647,200	0,000	1393,320	0,000	-11040,100	0,000	
3	136	0,000	-29647,200	0,000	1393,320	0,000	-11040,100	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-29641,300	0,000	1329,380	0,000	-9673,070	0,000	
4	137	0,000	-29641,300	0,000	1329,380	0,000	-9673,070	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-29635,600	0,000	1266,240	0,000	-8369,820	0,000	
5	138	0,000	-29635,600	0,000	1266,240	0,000	-8369,820	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-29629,800	0,000	1203,210	0,000	-7129,910	0,000	
6	139	0,000	-29629,800	0,000	1203,210	0,000	-7129,910	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-29624,100	0,000	1140,690	0,000	-5953,050	0,000	
7	140	0,000	-29624,100	0,000	1140,690	0,000	-5953,050	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-29618,400	0,000	1078,650	0,000	-4838,730	0,000	
8	141	0,000	-29618,400	0,000	1078,650	0,000	-4838,730	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-29612,700	0,000	1017,070	0,000	-3786,470	0,000	
9	142	0,000	-29612,700	0,000	1017,070	0,000	-3786,470	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-29607,100	0,000	956,067	0,000	-2795,770	0,000	
10	143	0,000	-29607,100	0,000	956,067	0,000	-2795,770	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-29601,600	0,000	895,632	0,000	-1866,040	0,000	
11	144	0,000	-29601,600	0,000	895,632	0,000	-1866,040	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-29596,100	0,000	835,683	0,000	-996,750	0,000	
12	145	0,000	-29596,100	0,000	835,683	0,000	-996,750	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-29590,700	0,000	776,318	0,000	-187,370	0,000	
13	146	0,000	-29590,700	0,000	776,318	0,000	-187,370	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-29585,300	0,000	717,525	0,000	562,683	0,000	

14	147	0,000	-29585,300	0,000	717,525	0,000	562,683	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29579,900	0,000	659,346	0,000	1254,010	0,000	
15	148	0,000	-29011,500	0,000	588,828	0,000	1129,140	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29006,200	0,000	531,261	0,000	1691,530	0,000	
16	149	0,000	-28962,600	0,000	-28,331	0,000	1690,780	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-28957,400	0,000	-85,227	0,000	1633,760	0,000	
17	150	0,000	-28955,100	0,000	-506,136	0,000	1634,090	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-28950,000	0,000	-562,036	0,000	1097,760	0,000	
18	151	0,000	-29243,300	0,000	-673,940	0,000	1118,110	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29237,700	0,000	-734,864	0,000	417,832	0,000	
19	122	0,000	-59,222	0,000	643,719	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-57,007	0,000	619,640	0,000	252,672	0,000	
20	123	0,000	-10843,200	0,000	219,367	0,000	311,811	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10838,500	0,000	159,942	0,000	502,057	0,000	
21	124	0,000	-10830,600	0,000	-69,621	0,000	501,136	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10826,300	0,000	-127,935	0,000	402,081	0,000	
22	125	0,000	-10819,300	0,000	-42,784	0,000	401,579	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10816,600	0,000	-99,990	0,000	330,117	0,000	
23	126	0,000	-10825,800	0,000	-35,841	0,000	330,533	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10822,300	0,000	-92,005	0,000	266,487	0,000	
24	127	0,000	-10822,300	0,000	4,328	0,000	266,670	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10819,400	0,000	-50,735	0,000	243,433	0,000	
25	128	0,000	-10818,900	0,000	2,442	0,000	243,429	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10816,300	0,000	-51,525	0,000	218,859	0,000	
26	129	0,000	-10818,000	0,000	34,039	0,000	218,552	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10815,800	0,000	-18,906	0,000	226,125	0,000	
27	130	0,000	-10821,800	0,000	55,845	0,000	224,280	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10820,100	0,000	3,992	0,000	254,214	0,000	
28	131	0,000	-10830,300	0,000	57,190	0,000	251,028	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10829,000	0,000	6,459	0,000	282,865	0,000	
29	132	0,000	-10849,500	0,000	113,944	0,000	277,543	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10848,200	0,000	64,249	0,000	366,672	0,000	
30	133	0,000	-10881,400	0,000	128,892	0,000	355,262	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10881,200	0,000	80,298	0,000	459,858	0,000	

CAS_07 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-29575,200	41,695	1361,980	6,242	-12054,700	527,223	19 - SHAPE-MASSIVE PR_01
	135	1,004	-29569,800	40,302	1303,240	6,242	-10716,500	486,053	
2	135	0,000	-29569,800	40,302	1303,240	6,242	-10716,500	486,053	20 - SHAPE-MASSIVE PR_02
	136	1,004	-29564,400	38,909	1244,870	6,242	-9437,080	446,281	
3	136	0,000	-29564,400	38,909	1244,870	6,242	-9437,080	446,281	21 - SHAPE-MASSIVE PR_03
	137	1,004	-29559,100	37,515	1186,930	6,242	-8216,080	407,909	
4	137	0,000	-29559,100	37,515	1186,930	6,242	-8216,080	407,909	22 - SHAPE-MASSIVE PR_04
	138	1,004	-29553,900	36,122	1129,800	6,242	-7052,860	370,936	

5	138	0,000	-29553,900	36,122	1129,800	6,242	-7052,860	370,936	23 - SHAPE-MASSIVE PR_05
	139	1,004	-29548,700	34,729	1072,770	6,242	-5946,960	335,362	
6	139	0,000	-29548,700	34,729	1072,770	6,242	-5946,960	335,362	24 - SHAPE-MASSIVE PR_06
	140	1,004	-29543,500	33,335	1016,250	6,242	-4898,070	301,187	
7	140	0,000	-29543,500	33,335	1016,250	6,242	-4898,070	301,187	25 - SHAPE-MASSIVE PR_07
	141	1,004	-29538,300	31,942	960,202	6,242	-3905,700	268,412	
8	141	0,000	-29538,300	31,942	960,202	6,242	-3905,700	268,412	26 - SHAPE-MASSIVE PR_08
	142	1,004	-29533,300	30,549	904,630	6,242	-2969,380	237,035	
9	142	0,000	-29533,300	30,549	904,630	6,242	-2969,380	237,035	27 - SHAPE-MASSIVE PR_09
	143	1,004	-29528,200	29,155	849,624	6,242	-2088,570	207,058	
10	143	0,000	-29528,200	29,155	849,624	6,242	-2088,570	207,058	28 - SHAPE-MASSIVE PR_10
	144	1,004	-29523,200	27,762	795,189	6,242	-1262,720	178,480	
11	144	0,000	-29523,200	27,762	795,189	6,242	-1262,720	178,480	29 - SHAPE-MASSIVE PR_11
	145	1,004	-29518,300	26,369	741,240	6,242	-491,283	151,301	
12	145	0,000	-29518,300	26,369	741,240	6,242	-491,283	151,301	30 - SHAPE-MASSIVE PR_12
	146	1,004	-29513,400	24,976	687,876	6,242	226,271	125,521	
13	146	0,000	-29513,400	24,976	687,876	6,242	226,271	125,521	31 - SHAPE-MASSIVE PR_13
	147	1,004	-29508,500	23,582	635,082	6,242	890,523	101,141	
14	147	0,000	-29508,500	23,582	635,082	6,242	890,523	101,141	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29503,800	22,189	582,903	6,242	1502,070	78,159	
15	148	0,000	-28984,700	21,830	513,536	6,192	1384,260	77,853	33 - SHAPE-MASSIVE PR_15
	149	1,004	-28980,000	20,436	461,969	6,192	1874,060	56,631	
16	149	0,000	-28943,200	20,463	-97,675	6,204	1873,330	56,263	34 - SHAPE-MASSIVE PR_16
	150	1,004	-28938,500	19,069	-148,571	6,204	1749,690	36,414	
17	150	0,000	-28943,100	19,104	-569,735	6,221	1750,110	36,073	35 - SHAPE-MASSIVE PR_17
	151	1,004	-28938,500	17,711	-619,634	6,221	1152,930	17,589	
18	151	0,000	-29236,800	17,806	-732,448	6,240	1173,740	17,310	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29231,700	16,426	-787,432	6,240	418,247	0,294	
19	122	0,000	-54,267	16,675	589,854	6,250	0,000	0,002	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,271	16,120	568,166	6,250	231,604	-6,557	
20	123	0,000	-10838,700	15,281	171,477	6,042	260,754	-16,123	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10834,400	13,890	118,051	6,042	405,970	-30,754	
21	124	0,000	-10823,600	13,890	-111,338	5,920	405,241	-30,778	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10819,700	12,498	-163,652	5,920	267,360	-44,009	
22	125	0,000	-10808,900	12,498	-78,370	4,646	267,416	-44,161	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10806,600	11,109	-129,577	4,646	163,332	-55,977	
23	126	0,000	-10809,000	11,109	-65,199	5,539	164,772	-55,896	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10805,900	9,719	-115,363	5,539	74,318	-66,330	
24	127	0,000	-10798,600	9,719	-18,933	5,010	76,044	-66,372	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10796,000	8,330	-67,997	5,010	32,515	-75,410	
25	128	0,000	-10787,300	8,330	-14,711	4,558	34,499	-75,438	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10785,000	6,940	-62,678	4,558	-4,240	-83,082	
26	129	0,000	-10778,200	6,940	22,798	3,978	-2,297	-83,112	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10776,300	5,552	-24,147	3,978	-2,972	-89,363	
27	130	0,000	-10773,700	5,552	50,430	3,264	-2,386	-89,392	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10772,100	4,164	4,577	3,264	25,133	-94,253	
28	131	0,000	-10774,300	4,164	57,593	2,699	24,349	-94,271	46 - SHAPE-MASSIVE PR_28

	132	1,000	-10773,000	2,776	12,862	2,699	59,590	-97,741	
29	132	0,000	-10787,400	2,776	119,768	2,699	56,139	-97,741	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10786,200	1,388	76,073	2,699	154,096	-99,824	
30	133	0,000	-10814,800	1,388	140,307	0,503	143,998	-99,859	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10814,600	0,000	97,713	0,503	263,010	-100,552	

CAS_08 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28224,600	5,559	1372,510	0,832	-12395,900	70,296	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28219,300	5,374	1313,770	0,832	-11047,100	64,807	
2	135	0,000	-28219,300	5,374	1313,770	0,832	-11047,100	64,807	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28213,900	5,188	1255,400	0,832	-9757,130	59,504	
3	136	0,000	-28213,900	5,188	1255,400	0,832	-9757,130	59,504	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28208,600	5,002	1197,460	0,832	-8525,560	54,388	
4	137	0,000	-28208,600	5,002	1197,460	0,832	-8525,560	54,388	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28203,400	4,816	1140,320	0,832	-7351,770	49,458	
5	138	0,000	-28203,400	4,816	1140,320	0,832	-7351,770	49,458	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28198,100	4,630	1083,300	0,832	-6235,290	44,715	
6	139	0,000	-28198,100	4,630	1083,300	0,832	-6235,290	44,715	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28192,900	4,445	1026,780	0,832	-5175,830	40,158	
7	140	0,000	-28192,900	4,445	1026,780	0,832	-5175,830	40,158	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28187,800	4,259	970,732	0,832	-4172,880	35,788	
8	141	0,000	-28187,800	4,259	970,732	0,832	-4172,880	35,788	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28182,700	4,073	915,160	0,832	-3225,980	31,605	
9	142	0,000	-28182,700	4,073	915,160	0,832	-3225,980	31,605	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28177,700	3,887	860,154	0,832	-2334,610	27,608	
10	143	0,000	-28177,700	3,887	860,154	0,832	-2334,610	27,608	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28172,700	3,702	805,719	0,832	-1498,180	23,797	
11	144	0,000	-28172,700	3,702	805,719	0,832	-1498,180	23,797	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28167,700	3,516	751,770	0,832	-716,169	20,173	
12	145	0,000	-28167,700	3,516	751,770	0,832	-716,169	20,173	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28162,800	3,330	698,405	0,832	11,959	16,736	
13	146	0,000	-28162,800	3,330	698,405	0,832	11,959	16,736	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28158,000	3,144	645,612	0,832	686,785	13,485	
14	147	0,000	-28158,000	3,144	645,612	0,832	686,785	13,485	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28153,200	2,959	593,433	0,832	1308,910	10,421	
15	148	0,000	-27634,900	2,911	524,620	0,826	1192,470	10,380	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27630,200	2,725	473,054	0,826	1693,400	7,551	
16	149	0,000	-27590,300	2,728	-63,167	0,827	1695,330	7,502	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27585,600	2,543	-114,063	0,827	1606,340	4,855	
17	150	0,000	-27586,000	2,547	-517,473	0,829	1611,960	4,810	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27581,400	2,361	-567,373	0,829	1067,260	2,345	
18	151	0,000	-27863,100	2,374	-674,669	0,832	1093,400	2,308	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27858,000	2,190	-729,653	0,832	395,343	0,039	
19	122	0,000	-54,267	2,223	589,854	0,833	0,000	0,000	37 - SHAPE-MASSIVE PR_19

	219	0,400	-52,271	2,149	568,166	0,833	231,604	-0,874	
20	123	0,000	-10330,900	2,038	188,592	0,806	275,054	-2,150	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10326,700	1,852	135,166	0,806	437,438	-4,101	
21	124	0,000	-10318,200	1,852	-83,582	0,789	436,617	-4,104	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10314,300	1,666	-135,896	0,789	326,569	-5,868	
22	125	0,000	-10306,600	1,666	-54,759	0,620	326,254	-5,888	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10304,300	1,481	-105,966	0,620	245,806	-7,464	
23	126	0,000	-10309,900	1,481	-44,761	0,738	246,679	-7,453	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10306,800	1,296	-94,925	0,738	176,702	-8,844	
24	127	0,000	-10304,100	1,296	-3,129	0,668	177,439	-8,850	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10301,500	1,111	-52,193	0,668	149,738	-10,055	
25	128	0,000	-10298,300	1,111	-1,521	0,608	150,408	-10,058	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10296,000	0,925	-49,488	0,608	124,874	-11,078	
26	129	0,000	-10295,000	0,925	31,970	0,530	125,255	-11,082	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10293,100	0,740	-14,975	0,530	133,760	-11,915	
27	130	0,000	-10296,600	0,740	56,150	0,435	132,594	-11,919	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10295,100	0,555	10,298	0,435	165,836	-12,567	
28	131	0,000	-10303,500	0,555	60,887	0,360	163,188	-12,569	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10302,300	0,370	16,156	0,360	201,723	-13,032	
29	132	0,000	-10322,100	0,370	118,373	0,360	196,590	-13,032	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10320,900	0,185	74,678	0,360	293,151	-13,310	
30	133	0,000	-10354,000	0,185	136,160	0,067	281,758	-13,314	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10353,800	0,000	93,567	0,067	396,623	-13,407	

KVA_01 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-29575,200	0,000	1361,980	0,000	-12054,700	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-29569,800	0,000	1303,240	0,000	-10716,500	0,000	
2	135	0,000	-29569,800	0,000	1303,240	0,000	-10716,500	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-29564,400	0,000	1244,870	0,000	-9437,080	0,000	
3	136	0,000	-29564,400	0,000	1244,870	0,000	-9437,080	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-29559,100	0,000	1186,930	0,000	-8216,080	0,000	
4	137	0,000	-29559,100	0,000	1186,930	0,000	-8216,080	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-29553,900	0,000	1129,800	0,000	-7052,860	0,000	
5	138	0,000	-29553,900	0,000	1129,800	0,000	-7052,860	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-29548,700	0,000	1072,770	0,000	-5946,960	0,000	
6	139	0,000	-29548,700	0,000	1072,770	0,000	-5946,960	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-29543,500	0,000	1016,250	0,000	-4898,070	0,000	
7	140	0,000	-29543,500	0,000	1016,250	0,000	-4898,070	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-29538,300	0,000	960,202	0,000	-3905,700	0,000	
8	141	0,000	-29538,300	0,000	960,202	0,000	-3905,700	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-29533,300	0,000	904,630	0,000	-2969,380	0,000	
9	142	0,000	-29533,300	0,000	904,630	0,000	-2969,380	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-29528,200	0,000	849,624	0,000	-2088,570	0,000	
10	143	0,000	-29528,200	0,000	849,624	0,000	-2088,570	0,000	28 - SHAPE-MASSIVE PR_10

	144	1,004	-29523,200	0,000	795,189	0,000	-1262,720	0,000	
11	144	0,000	-29523,200	0,000	795,189	0,000	-1262,720	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-29518,300	0,000	741,240	0,000	-491,283	0,000	
12	145	0,000	-29518,300	0,000	741,240	0,000	-491,283	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-29513,400	0,000	687,876	0,000	226,271	0,000	
13	146	0,000	-29513,400	0,000	687,876	0,000	226,271	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-29508,500	0,000	635,082	0,000	890,523	0,000	
14	147	0,000	-29508,500	0,000	635,082	0,000	890,523	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-29503,800	0,000	582,903	0,000	1502,070	0,000	
15	148	0,000	-28984,700	0,000	513,536	0,000	1384,260	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-28980,000	0,000	461,969	0,000	1874,060	0,000	
16	149	0,000	-28943,200	0,000	-97,675	0,000	1873,330	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-28938,500	0,000	-148,571	0,000	1749,690	0,000	
17	150	0,000	-28943,100	0,000	-569,735	0,000	1750,110	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-28938,500	0,000	-619,634	0,000	1152,930	0,000	
18	151	0,000	-29236,800	0,000	-732,448	0,000	1173,740	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29231,700	0,000	-787,432	0,000	418,247	0,000	
19	122	0,000	-54,267	0,000	589,854	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,271	0,000	568,166	0,000	231,604	0,000	
20	123	0,000	-10838,700	0,000	171,477	0,000	260,754	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10834,400	0,000	118,051	0,000	405,970	0,000	
21	124	0,000	-10823,600	0,000	-111,338	0,000	405,241	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10819,700	0,000	-163,652	0,000	267,360	0,000	
22	125	0,000	-10808,900	0,000	-78,370	0,000	267,416	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10806,600	0,000	-129,577	0,000	163,332	0,000	
23	126	0,000	-10809,000	0,000	-65,199	0,000	164,772	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10805,900	0,000	-115,363	0,000	74,318	0,000	
24	127	0,000	-10798,600	0,000	-18,933	0,000	76,044	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10796,000	0,000	-67,997	0,000	32,515	0,000	
25	128	0,000	-10787,300	0,000	-14,711	0,000	34,499	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10785,000	0,000	-62,678	0,000	-4,240	0,000	
26	129	0,000	-10778,200	0,000	22,798	0,000	-2,297	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10776,300	0,000	-24,147	0,000	-2,972	0,000	
27	130	0,000	-10773,700	0,000	50,430	0,000	-2,386	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10772,100	0,000	4,577	0,000	25,133	0,000	
28	131	0,000	-10774,300	0,000	57,593	0,000	24,349	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10773,000	0,000	12,862	0,000	59,590	0,000	
29	132	0,000	-10787,400	0,000	119,768	0,000	56,139	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10786,200	0,000	76,073	0,000	154,096	0,000	
30	133	0,000	-10814,800	0,000	140,307	0,000	143,998	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10814,600	0,000	97,713	0,000	263,010	0,000	

KVA_02 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28224,600	0,000	1372,510	0,000	-12395,900	0,000	19 - SHAPE-MASSIVE PR_01

	135	1,004	-28219,300	0,000	1313,770	0,000	-11047,100	0,000	
2	135	0,000	-28219,300	0,000	1313,770	0,000	-11047,100	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28213,900	0,000	1255,400	0,000	-9757,130	0,000	
3	136	0,000	-28213,900	0,000	1255,400	0,000	-9757,130	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28208,600	0,000	1197,460	0,000	-8525,560	0,000	
4	137	0,000	-28208,600	0,000	1197,460	0,000	-8525,560	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28203,400	0,000	1140,320	0,000	-7351,770	0,000	
5	138	0,000	-28203,400	0,000	1140,320	0,000	-7351,770	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28198,100	0,000	1083,300	0,000	-6235,290	0,000	
6	139	0,000	-28198,100	0,000	1083,300	0,000	-6235,290	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28192,900	0,000	1026,780	0,000	-5175,830	0,000	
7	140	0,000	-28192,900	0,000	1026,780	0,000	-5175,830	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28187,800	0,000	970,732	0,000	-4172,880	0,000	
8	141	0,000	-28187,800	0,000	970,732	0,000	-4172,880	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28182,700	0,000	915,160	0,000	-3225,980	0,000	
9	142	0,000	-28182,700	0,000	915,160	0,000	-3225,980	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28177,700	0,000	860,154	0,000	-2334,610	0,000	
10	143	0,000	-28177,700	0,000	860,154	0,000	-2334,610	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28172,700	0,000	805,719	0,000	-1498,180	0,000	
11	144	0,000	-28172,700	0,000	805,719	0,000	-1498,180	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28167,700	0,000	751,770	0,000	-716,169	0,000	
12	145	0,000	-28167,700	0,000	751,770	0,000	-716,169	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28162,800	0,000	698,405	0,000	11,959	0,000	
13	146	0,000	-28162,800	0,000	698,405	0,000	11,959	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28158,000	0,000	645,612	0,000	686,785	0,000	
14	147	0,000	-28158,000	0,000	645,612	0,000	686,785	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28153,200	0,000	593,433	0,000	1308,910	0,000	
15	148	0,000	-27634,900	0,000	524,620	0,000	1192,470	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27630,200	0,000	473,054	0,000	1693,400	0,000	
16	149	0,000	-27590,300	0,000	-63,167	0,000	1695,330	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27585,600	0,000	-114,063	0,000	1606,340	0,000	
17	150	0,000	-27586,000	0,000	-517,473	0,000	1611,960	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27581,400	0,000	-567,373	0,000	1067,260	0,000	
18	151	0,000	-27863,100	0,000	-674,669	0,000	1093,400	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27858,000	0,000	-729,653	0,000	395,343	0,000	
19	122	0,000	-54,267	0,000	589,854	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-52,271	0,000	568,166	0,000	231,604	0,000	
20	123	0,000	-10330,900	0,000	188,592	0,000	275,054	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10326,700	0,000	135,166	0,000	437,438	0,000	
21	124	0,000	-10318,200	0,000	-83,582	0,000	436,617	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10314,300	0,000	-135,896	0,000	326,569	0,000	
22	125	0,000	-10306,600	0,000	-54,759	0,000	326,254	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10304,300	0,000	-105,966	0,000	245,806	0,000	
23	126	0,000	-10309,900	0,000	-44,761	0,000	246,679	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10306,800	0,000	-94,925	0,000	176,702	0,000	
24	127	0,000	-10304,100	0,000	-3,129	0,000	177,439	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10301,500	0,000	-52,193	0,000	149,738	0,000	

25	128	0,000	-10298,300	0,000	-1,521	0,000	150,408	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10296,000	0,000	-49,488	0,000	124,874	0,000	
26	129	0,000	-10295,000	0,000	31,970	0,000	125,255	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10293,100	0,000	-14,975	0,000	133,760	0,000	
27	130	0,000	-10296,600	0,000	56,150	0,000	132,594	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10295,100	0,000	10,298	0,000	165,836	0,000	
28	131	0,000	-10303,500	0,000	60,887	0,000	163,188	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10302,300	0,000	16,156	0,000	201,723	0,000	
29	132	0,000	-10322,100	0,000	118,373	0,000	196,590	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10320,900	0,000	74,678	0,000	293,151	0,000	
30	133	0,000	-10354,000	0,000	136,160	0,000	281,758	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10353,800	0,000	93,567	0,000	396,623	0,000	

KVA_03 KONEC ŽIVOTNOSTI

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _r	M _y	M _z	
1	1	0,000	-28805,600	0,000	1283,540	0,000	-12100,700	0,000	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28799,600	0,000	1240,850	0,000	-10831,300	0,000	
2	135	0,000	-28799,600	0,000	1240,850	0,000	-10831,300	0,000	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28793,600	0,000	1197,570	0,000	-9605,100	0,000	
3	136	0,000	-28793,600	0,000	1197,570	0,000	-9605,100	0,000	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28787,800	0,000	1153,740	0,000	-8422,750	0,000	
4	137	0,000	-28787,800	0,000	1153,740	0,000	-8422,750	0,000	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28782,200	0,000	1109,760	0,000	-7284,520	0,000	
5	138	0,000	-28782,200	0,000	1109,760	0,000	-7284,520	0,000	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28776,600	0,000	1064,640	0,000	-6191,140	0,000	
6	139	0,000	-28776,600	0,000	1064,640	0,000	-6191,140	0,000	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28771,200	0,000	1018,790	0,000	-5143,510	0,000	
7	140	0,000	-28771,200	0,000	1018,790	0,000	-5143,510	0,000	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28765,900	0,000	972,046	0,000	-4142,430	0,000	
8	141	0,000	-28765,900	0,000	972,046	0,000	-4142,430	0,000	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28760,800	0,000	924,308	0,000	-3188,880	0,000	
9	142	0,000	-28760,800	0,000	924,308	0,000	-3188,880	0,000	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28755,700	0,000	875,577	0,000	-2283,830	0,000	
10	143	0,000	-28755,700	0,000	875,577	0,000	-2283,830	0,000	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28750,800	0,000	825,711	0,000	-1428,350	0,000	
11	144	0,000	-28750,800	0,000	825,711	0,000	-1428,350	0,000	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28746,000	0,000	774,448	0,000	-623,723	0,000	
12	145	0,000	-28746,000	0,000	774,448	0,000	-623,723	0,000	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28741,300	0,000	721,760	0,000	128,641	0,000	
13	146	0,000	-28741,300	0,000	721,760	0,000	128,641	0,000	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28736,700	0,000	667,464	0,000	827,224	0,000	
14	147	0,000	-28736,700	0,000	667,464	0,000	827,224	0,000	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28732,200	0,000	611,422	0,000	1470,330	0,000	
15	148	0,000	-28212,500	0,000	521,960	0,000	1274,760	0,000	33 - SHAPE-MASSIVE PR_15
	149	1,004	-28208,100	0,000	464,946	0,000	1771,040	0,000	

16	149	0,000	-28169,500	0,000	-74,460	0,000	1771,630	0,000	34 - SHAPE-MASSIVE PR_16
	150	1,004	-28165,000	0,000	-132,053	0,000	1667,780	0,000	
17	150	0,000	-28167,500	0,000	-536,158	0,000	1671,170	0,000	35 - SHAPE-MASSIVE PR_17
	151	1,004	-28162,900	0,000	-592,092	0,000	1103,770	0,000	
18	151	0,000	-28452,000	0,000	-697,243	0,000	1127,690	0,000	36 - SHAPE-MASSIVE PR_18
	184	0,994	-28447,100	0,000	-755,334	0,000	404,815	0,000	
19	122	0,000	-53,856	0,000	589,892	0,000	0,000	0,000	37 - SHAPE-MASSIVE PR_19
	219	0,400	-51,880	0,000	568,201	0,000	231,619	0,000	
20	123	0,000	-10548,800	0,000	181,293	0,000	268,829	0,000	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10544,600	0,000	127,228	0,000	423,642	0,000	
21	124	0,000	-10535,200	0,000	-95,124	0,000	423,017	0,000	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10531,300	0,000	-148,178	0,000	300,964	0,000	
22	125	0,000	-10522,300	0,000	-64,613	0,000	300,823	0,000	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10520,000	0,000	-116,402	0,000	210,174	0,000	
23	126	0,000	-10524,300	0,000	-53,323	0,000	211,305	0,000	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10521,200	0,000	-103,926	0,000	132,487	0,000	
24	127	0,000	-10516,600	0,000	-9,768	0,000	133,663	0,000	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10513,900	0,000	-59,170	0,000	99,124	0,000	
25	128	0,000	-10508,300	0,000	-7,062	0,000	100,371	0,000	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10506,100	0,000	-55,309	0,000	69,131	0,000	
26	129	0,000	-10502,600	0,000	28,134	0,000	70,192	0,000	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10500,700	0,000	-19,082	0,000	74,725	0,000	
27	130	0,000	-10501,600	0,000	53,837	0,000	74,315	0,000	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10500,100	0,000	7,606	0,000	105,074	0,000	
28	131	0,000	-10505,800	0,000	59,716	0,000	103,225	0,000	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10504,600	0,000	14,403	0,000	140,325	0,000	
29	132	0,000	-10522,000	0,000	119,373	0,000	135,901	0,000	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10520,900	0,000	74,678	0,000	233,040	0,000	
30	133	0,000	-10552,000	0,000	138,702	0,000	222,169	0,000	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10551,900	0,000	94,351	0,000	338,801	0,000	

MSÚ

NK_01

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-30638,700	25,017	2179,690	3,745	-22005,200	316,334	19 - SHAPE-MASSIVE PR_01
	135	1,004	-30630,700	24,181	2091,390	3,745	-19860,700	291,632	
2	135	0,000	-30630,700	24,181	2091,390	3,745	-19860,700	291,632	20 - SHAPE-MASSIVE PR_02
	136	1,004	-30622,600	23,345	2003,600	3,745	-17804,700	267,769	
3	136	0,000	-30622,600	23,345	2003,600	3,745	-17804,700	267,769	21 - SHAPE-MASSIVE PR_03
	137	1,004	-30614,600	22,509	1916,380	3,745	-15836,400	244,745	
4	137	0,000	-30614,600	22,509	1916,380	3,745	-15836,400	244,745	22 - SHAPE-MASSIVE PR_04
	138	1,004	-30606,700	21,673	1830,240	3,745	-13955,300	222,562	
5	138	0,000	-30606,700	21,673	1830,240	3,745	-13955,300	222,562	23 - SHAPE-MASSIVE PR_05
	139	1,004	-30598,800	20,837	1744,260	3,745	-12160,500	201,217	
6	139	0,000	-30598,800	20,837	1744,260	3,745	-12160,500	201,217	24 - SHAPE-MASSIVE PR_06
	140	1,004	-30591,000	20,001	1658,950	3,745	-10451,800	180,712	
7	140	0,000	-30591,000	20,001	1658,950	3,745	-10451,800	180,712	25 - SHAPE-MASSIVE PR_07
	141	1,004	-30583,300	19,165	1574,290	3,745	-8828,390	161,047	

8	141	0,000	-30583,300	19,165	1574,290	3,745	-8828,390	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-30575,500	18,329	1490,270	3,745	-7289,680	142,221	
9	142	0,000	-30575,500	18,329	1490,270	3,745	-7289,680	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-30567,900	17,493	1407,010	3,745	-5834,970	124,235	
10	143	0,000	-30567,900	17,493	1407,010	3,745	-5834,970	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-30560,300	16,657	1324,520	3,745	-4463,480	107,088	
11	144	0,000	-30560,300	16,657	1324,520	3,745	-4463,480	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-30552,800	15,821	1242,690	3,745	-3174,490	90,781	
12	145	0,000	-30552,800	15,821	1242,690	3,745	-3174,490	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-30545,400	14,985	1161,650	3,745	-1967,280	75,313	
13	146	0,000	-30545,400	14,985	1161,650	3,745	-1967,280	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-30538,100	14,149	1081,380	3,745	-841,059	60,684	
14	147	0,000	-30538,100	14,149	1081,380	3,745	-841,059	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-30530,800	13,313	1001,940	3,745	204,966	46,895	
15	148	0,000	-29750,100	13,098	919,815	3,715	36,668	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29742,900	12,262	841,200	3,715	920,867	33,979	
16	149	0,000	-29669,900	12,278	270,219	3,723	918,854	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29662,800	11,442	192,510	3,723	1151,190	21,848	
17	150	0,000	-29630,600	11,462	-236,272	3,733	1148,720	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29623,600	10,626	-312,636	3,733	873,120	10,553	
18	151	0,000	-29900,700	10,684	-423,682	3,744	888,862	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29893,100	9,856	-506,820	3,744	426,332	0,176	
19	122	0,000	-83,169	10,005	904,009	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-80,145	9,672	871,144	3,750	355,031	-3,934	
20	123	0,000	-11097,600	9,169	449,706	3,625	555,419	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11091,200	8,334	368,581	3,625	965,837	-18,452	
21	124	0,000	-11096,900	8,334	132,940	3,552	963,956	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11090,900	7,499	53,316	3,552	1057,350	-26,405	
22	125	0,000	-11101,600	7,499	139,417	2,788	1054,110	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11098,000	6,666	61,288	2,788	1154,570	-33,586	
23	126	0,000	-11142,100	6,666	125,354	3,323	1149,730	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11137,400	5,831	48,633	3,323	1236,890	-39,798	
24	127	0,000	-11176,500	5,831	146,224	3,006	1228,840	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-11172,400	4,998	70,988	3,006	1337,600	-45,246	
25	128	0,000	-11218,700	4,998	124,378	2,735	1326,350	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11215,100	4,164	50,623	2,735	1413,950	-49,849	
26	129	0,000	-11268,200	4,164	138,101	2,387	1399,880	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11265,300	3,331	65,726	2,387	1501,870	-53,618	
27	130	0,000	-11328,400	3,331	142,652	1,958	1483,630	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11326,100	2,498	71,751	1,958	1590,890	-56,552	
28	131	0,000	-11398,700	2,498	126,767	1,619	1569,180	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11396,800	1,665	57,380	1,619	1661,290	-58,645	
29	132	0,000	-11478,100	1,665	170,435	1,619	1637,670	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11476,300	0,833	102,447	1,619	1774,160	-59,894	
30	133	0,000	-11570,300	0,833	171,148	0,302	1744,280	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11570,000	0,000	104,647	0,302	1882,180	-60,332	

NK_02

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			M _T	Momenty [kNm]			Průřez
			N	V _y	V _z		M _y	M _z		
1	1	0,000	-28207,800	25,017	2198,650	3,745	-22619,400	316,334	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-28199,700	24,181	2110,350	3,745	-20455,800	291,632		
2	135	0,000	-28199,700	24,181	2110,350	3,745	-20455,800	291,632	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-28191,600	23,345	2022,550	3,745	-18380,700	267,769		
3	136	0,000	-28191,600	23,345	2022,550	3,745	-18380,700	267,769	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-28183,700	22,509	1935,330	3,745	-16393,500	244,745		
4	137	0,000	-28183,700	22,509	1935,330	3,745	-16393,500	244,745	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-28175,800	21,673	1849,200	3,745	-14493,300	222,562		
5	138	0,000	-28175,800	21,673	1849,200	3,745	-14493,300	222,562	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-28167,900	20,837	1763,210	3,745	-12679,500	201,217		
6	139	0,000	-28167,900	20,837	1763,210	3,745	-12679,500	201,217	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-28160,100	20,001	1677,910	3,745	-10951,800	180,712		
7	140	0,000	-28160,100	20,001	1677,910	3,745	-10951,800	180,712	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-28152,300	19,165	1593,240	3,745	-9309,320	161,047		

8	141	0,000	-28152,300	19,165	1593,240	3,745	-9309,320	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28144,600	18,329	1509,220	3,745	-7751,580	142,221	
9	142	0,000	-28144,600	18,329	1509,220	3,745	-7751,580	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28137,000	17,493	1425,960	3,745	-6277,830	124,235	
10	143	0,000	-28137,000	17,493	1425,960	3,745	-6277,830	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28129,400	16,657	1343,480	3,745	-4887,310	107,088	
11	144	0,000	-28129,400	16,657	1343,480	3,745	-4887,310	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28121,900	15,821	1261,650	3,745	-3579,280	90,781	
12	145	0,000	-28121,900	15,821	1261,650	3,745	-3579,280	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28114,500	14,985	1180,600	3,745	-2353,040	75,313	
13	146	0,000	-28114,500	14,985	1180,600	3,745	-2353,040	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28107,100	14,149	1100,330	3,745	-1207,790	60,684	
14	147	0,000	-28107,100	14,149	1100,330	3,745	-1207,790	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28099,800	13,313	1020,890	3,745	-142,729	46,895	
15	148	0,000	-27320,500	13,098	939,767	3,715	-308,560	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27313,300	12,262	861,152	3,715	595,675	33,979	
16	149	0,000	-27234,600	12,278	332,333	3,723	598,461	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27227,500	11,442	254,624	3,723	893,171	21,848	
17	150	0,000	-27187,800	11,462	-142,201	3,733	900,053	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27180,800	10,626	-218,566	3,733	718,913	10,553	
18	151	0,000	-27428,100	10,684	-319,679	3,744	744,240	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27420,400	9,856	-402,818	3,744	385,105	0,176	
19	122	0,000	-83,169	10,005	904,009	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-80,145	9,672	871,144	3,750	355,031	-3,934	
20	123	0,000	-10183,600	9,169	480,513	3,625	581,159	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10177,200	8,334	399,388	3,625	1022,480	-18,452	
21	124	0,000	-10187,200	8,334	182,900	3,552	1020,430	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10181,200	7,499	103,277	3,552	1163,920	-26,405	
22	125	0,000	-10197,400	7,499	181,916	2,788	1160,020	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10193,800	6,666	103,787	2,788	1303,020	-33,586	
23	126	0,000	-10243,700	6,666	162,141	3,323	1297,160	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10239,000	5,831	85,420	3,323	1421,180	-39,798	
24	127	0,000	-10286,400	5,831	174,672	3,006	1411,350	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10282,300	4,998	99,436	3,006	1548,600	-45,246	
25	128	0,000	-10338,500	4,998	148,119	2,735	1534,980	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10334,900	4,164	74,364	2,735	1646,350	-49,849	
26	129	0,000	-10398,500	4,164	154,611	2,387	1629,470	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10395,500	3,331	82,235	2,387	1747,990	-53,618	
27	130	0,000	-10469,800	3,331	152,949	1,958	1726,590	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10467,400	2,498	82,047	1,958	1844,160	-56,552	
28	131	0,000	-10551,400	2,498	132,695	1,619	1819,090	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10549,500	1,665	63,308	1,619	1917,130	-58,645	
29	132	0,000	-10640,600	1,665	167,925	1,619	1890,480	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10638,800	0,833	99,937	1,619	2024,460	-59,894	
30	133	0,000	-10740,900	0,833	163,685	0,302	1992,250	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10740,600	0,000	97,183	0,302	2122,680	-60,332	

NK_03

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-30615,700	25,017	2153,080	3,745	-21528,900	316,334	19 - SHAPE-MASSIVE PR_01
	135	1,004	-30607,600	24,181	2064,790	3,745	-19411,200	291,632	
2	135	0,000	-30607,600	24,181	2064,790	3,745	-19411,200	291,632	20 - SHAPE-MASSIVE PR_02
	136	1,004	-30599,500	23,345	1976,990	3,745	-17381,800	267,769	
3	136	0,000	-30599,500	23,345	1976,990	3,745	-17381,800	267,769	21 - SHAPE-MASSIVE PR_03
	137	1,004	-30591,500	22,509	1889,770	3,745	-15440,300	244,745	
4	137	0,000	-30591,500	22,509	1889,770	3,745	-15440,300	244,745	22 - SHAPE-MASSIVE PR_04
	138	1,004	-30583,600	21,673	1803,640	3,745	-13585,900	222,562	
5	138	0,000	-30583,600	21,673	1803,640	3,745	-13585,900	222,562	23 - SHAPE-MASSIVE PR_05
	139	1,004	-30575,700	20,837	1717,650	3,745	-11817,800	201,217	
6	139	0,000	-30575,700	20,837	1717,650	3,745	-11817,800	201,217	24 - SHAPE-MASSIVE PR_06
	140	1,004	-30567,900	20,001	1632,350	3,745	-10135,800	180,712	
7	140	0,000	-30567,900	20,001	1632,350	3,745	-10135,800	180,712	25 - SHAPE-MASSIVE PR_07
	141	1,004	-30560,200	19,165	1547,690	3,745	-8539,130	161,047	

8	141	0,000	-30560,200	19,165	1547,690	3,745	-8539,130	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-30552,500	18,329	1463,660	3,745	-7027,140	142,221	
9	142	0,000	-30552,500	18,329	1463,660	3,745	-7027,140	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-30544,800	17,493	1380,400	3,745	-5599,150	124,235	
10	143	0,000	-30544,800	17,493	1380,400	3,745	-5599,150	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-30537,300	16,657	1297,920	3,745	-4254,370	107,088	
11	144	0,000	-30537,300	16,657	1297,920	3,745	-4254,370	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-30529,800	15,821	1216,090	3,745	-2992,100	90,781	
12	145	0,000	-30529,800	15,821	1216,090	3,745	-2992,100	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-30522,300	14,985	1135,040	3,745	-1811,610	75,313	
13	146	0,000	-30522,300	14,985	1135,040	3,745	-1811,610	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-30515,000	14,149	1054,770	3,745	-712,109	60,684	
14	147	0,000	-30515,000	14,149	1054,770	3,745	-712,109	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-30507,700	13,313	975,331	3,745	307,198	46,895	
15	148	0,000	-29739,400	13,098	893,851	3,715	140,879	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29732,300	12,262	815,237	3,715	999,006	33,979	
16	149	0,000	-29661,800	12,278	244,316	3,723	996,978	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29654,700	11,442	166,607	3,723	1203,300	21,848	
17	150	0,000	-29625,400	11,462	-262,202	3,733	1200,870	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29618,400	10,626	-338,566	3,733	899,224	10,553	
18	151	0,000	-29897,700	10,684	-449,949	3,744	915,179	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29890,100	9,856	-533,087	3,744	426,536	0,176	
19	122	0,000	-80,693	10,005	877,100	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-77,670	9,672	844,236	3,750	344,267	-3,934	
20	123	0,000	-11095,000	9,169	422,782	3,625	528,409	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11088,600	8,334	341,658	3,625	911,819	-18,452	
21	124	0,000	-11092,600	8,334	106,118	3,552	910,052	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11086,600	7,499	26,494	3,552	976,545	-26,405	
22	125	0,000	-11095,000	7,499	112,676	2,788	973,676	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11091,400	6,666	34,548	2,788	1047,370	-33,586	
23	126	0,000	-11130,500	6,666	98,791	3,323	1043,270	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11125,700	5,831	22,070	3,323	1103,820	-39,798	
24	127	0,000	-11158,800	5,831	119,758	3,006	1097,040	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-11154,800	4,998	44,522	3,006	1179,300	-45,246	
25	128	0,000	-11193,200	4,998	98,038	2,735	1169,940	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11189,700	4,164	24,283	2,735	1231,170	-49,849	
26	129	0,000	-11233,300	4,164	111,743	2,387	1219,630	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11230,400	3,331	39,367	2,387	1295,250	-53,618	
27	130	0,000	-11282,100	3,331	116,189	1,958	1280,320	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11279,700	2,498	45,288	1,958	1361,100	-56,552	
28	131	0,000	-11338,500	2,498	100,170	1,619	1343,520	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11336,700	1,665	30,783	1,619	1409,020	-58,645	
29	132	0,000	-11402,600	1,665	143,198	1,619	1390,030	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11400,800	0,833	75,210	1,619	1499,270	-59,894	
30	133	0,000	-11477,800	0,833	143,295	0,302	1474,640	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11477,500	0,000	76,794	0,302	1584,690	-60,332	

NK_04

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28184,700	25,017	2172,040	3,745	-22143,100	316,334	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28176,600	24,181	2083,740	3,745	-20006,300	291,632	
2	135	0,000	-28176,600	24,181	2083,740	3,745	-20006,300	291,632	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28168,600	23,345	1995,940	3,745	-17957,900	267,769	
3	136	0,000	-28168,600	23,345	1995,940	3,745	-17957,900	267,769	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28160,600	22,509	1908,720	3,745	-15997,400	244,745	
4	137	0,000	-28160,600	22,509	1908,720	3,745	-15997,400	244,745	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28152,700	21,673	1822,590	3,745	-14123,900	222,562	
5	138	0,000	-28152,700	21,673	1822,590	3,745	-14123,900	222,562	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28144,800	20,837	1736,610	3,745	-12336,800	201,217	
6	139	0,000	-28144,800	20,837	1736,610	3,745	-12336,800	201,217	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28137,000	20,001	1651,300	3,745	-10635,800	180,712	
7	140	0,000	-28137,000	20,001	1651,300	3,745	-10635,800	180,712	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28129,200	19,165	1566,640	3,745	-9020,060	161,047	

8	141	0,000	-28129,200	19,165	1566,640	3,745	-9020,060	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28121,500	18,329	1482,620	3,745	-7489,040	142,221	
9	142	0,000	-28121,500	18,329	1482,620	3,745	-7489,040	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28113,900	17,493	1399,360	3,745	-6042,010	124,235	
10	143	0,000	-28113,900	17,493	1399,360	3,745	-6042,010	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28106,300	16,657	1316,870	3,745	-4678,200	107,088	
11	144	0,000	-28106,300	16,657	1316,870	3,745	-4678,200	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28098,800	15,821	1235,040	3,745	-3396,900	90,781	
12	145	0,000	-28098,800	15,821	1235,040	3,745	-3396,900	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28091,400	14,985	1154,000	3,745	-2197,370	75,313	
13	146	0,000	-28091,400	14,985	1154,000	3,745	-2197,370	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28084,000	14,149	1073,730	3,745	-1078,840	60,684	
14	147	0,000	-28084,000	14,149	1073,730	3,745	-1078,840	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28076,700	13,313	994,284	3,745	-40,497	46,895	
15	148	0,000	-27309,800	13,098	913,803	3,715	-204,349	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27302,600	12,262	835,189	3,715	673,813	33,979	
16	149	0,000	-27226,500	12,278	306,430	3,723	676,586	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27219,400	11,442	228,721	3,723	945,283	21,848	
17	150	0,000	-27182,600	11,462	-168,132	3,733	952,196	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27175,600	10,626	-244,496	3,733	745,017	10,553	
18	151	0,000	-27425,100	10,684	-345,946	3,744	770,558	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27417,500	9,856	-429,084	3,744	385,310	0,176	
19	122	0,000	-80,693	10,005	877,100	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-77,670	9,672	844,236	3,750	344,267	-3,934	
20	123	0,000	-10181,000	9,169	453,589	3,625	554,148	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10174,600	8,334	372,465	3,625	968,462	-18,452	
21	124	0,000	-10182,800	8,334	156,078	3,552	966,530	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10176,900	7,499	76,455	3,552	1083,120	-26,405	
22	125	0,000	-10190,800	7,499	155,176	2,788	1079,580	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10187,200	6,666	77,047	2,788	1195,820	-33,586	
23	126	0,000	-10232,100	6,666	135,579	3,323	1190,710	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10227,300	5,831	58,858	3,323	1288,110	-39,798	
24	127	0,000	-10268,800	5,831	148,206	3,006	1279,550	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10264,700	4,998	72,970	3,006	1390,300	-45,246	
25	128	0,000	-10313,000	4,998	121,780	2,735	1378,580	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10309,500	4,164	48,025	2,735	1463,580	-49,849	
26	129	0,000	-10363,600	4,164	128,253	2,387	1449,230	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10360,600	3,331	55,877	2,387	1541,370	-53,618	
27	130	0,000	-10423,400	3,331	126,486	1,958	1523,280	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10421,100	2,498	55,585	1,958	1614,360	-56,552	
28	131	0,000	-10491,200	2,498	106,098	1,619	1593,420	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10489,400	1,665	36,711	1,619	1664,850	-58,645	
29	132	0,000	-10565,100	1,665	140,688	1,619	1642,840	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10563,300	0,833	72,700	1,619	1749,570	-59,894	
30	133	0,000	-10648,500	0,833	135,832	0,302	1722,610	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10648,100	0,000	69,330	0,302	1825,190	-60,332	

NK_05

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-30638,700	25,017	2179,690	3,745	-22005,200	316,334	19 - SHAPE-MASSIVE PR_01
	135	1,004	-30630,700	24,181	2091,390	3,745	-19860,700	291,632	
2	135	0,000	-30630,700	24,181	2091,390	3,745	-19860,700	291,632	20 - SHAPE-MASSIVE PR_02
	136	1,004	-30622,600	23,345	2003,600	3,745	-17804,700	267,769	
3	136	0,000	-30622,600	23,345	2003,600	3,745	-17804,700	267,769	21 - SHAPE-MASSIVE PR_03
	137	1,004	-30614,600	22,509	1916,380	3,745	-15836,400	244,745	
4	137	0,000	-30614,600	22,509	1916,380	3,745	-15836,400	244,745	22 - SHAPE-MASSIVE PR_04
	138	1,004	-30606,700	21,673	1830,240	3,745	-13955,300	222,562	
5	138	0,000	-30606,700	21,673	1830,240	3,745	-13955,300	222,562	23 - SHAPE-MASSIVE PR_05
	139	1,004	-30598,800	20,837	1744,260	3,745	-12160,500	201,217	
6	139	0,000	-30598,800	20,837	1744,260	3,745	-12160,500	201,217	24 - SHAPE-MASSIVE PR_06
	140	1,004	-30591,000	20,001	1658,950	3,745	-10451,800	180,712	
7	140	0,000	-30591,000	20,001	1658,950	3,745	-10451,800	180,712	25 - SHAPE-MASSIVE PR_07
	141	1,004	-30583,300	19,165	1574,290	3,745	-8828,390	161,047	

8	141	0,000	-30583,300	19,165	1574,290	3,745	-8828,390	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-30575,500	18,329	1490,270	3,745	-7289,680	142,221	
9	142	0,000	-30575,500	18,329	1490,270	3,745	-7289,680	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-30567,900	17,493	1407,010	3,745	-5834,970	124,235	
10	143	0,000	-30567,900	17,493	1407,010	3,745	-5834,970	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-30560,300	16,657	1324,520	3,745	-4463,480	107,088	
11	144	0,000	-30560,300	16,657	1324,520	3,745	-4463,480	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-30552,800	15,821	1242,690	3,745	-3174,490	90,781	
12	145	0,000	-30552,800	15,821	1242,690	3,745	-3174,490	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-30545,400	14,985	1161,650	3,745	-1967,280	75,313	
13	146	0,000	-30545,400	14,985	1161,650	3,745	-1967,280	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-30538,100	14,149	1081,380	3,745	-841,059	60,684	
14	147	0,000	-30538,100	14,149	1081,380	3,745	-841,059	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-30530,800	13,313	1001,940	3,745	204,966	46,895	
15	148	0,000	-29750,100	13,098	919,815	3,715	36,668	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29742,900	12,262	841,200	3,715	920,867	33,979	
16	149	0,000	-29669,900	12,278	270,219	3,723	918,854	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29662,800	11,442	192,510	3,723	1151,190	21,848	
17	150	0,000	-29630,600	11,462	-236,272	3,733	1148,720	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29623,600	10,626	-312,636	3,733	873,120	10,553	
18	151	0,000	-29900,700	10,684	-423,682	3,744	888,862	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29893,100	9,856	-506,820	3,744	426,332	0,176	
19	122	0,000	-83,169	10,005	904,009	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-80,145	9,672	871,144	3,750	355,031	-3,934	
20	123	0,000	-11097,600	9,169	449,706	3,625	555,419	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11091,200	8,334	368,581	3,625	965,837	-18,452	
21	124	0,000	-11096,900	8,334	132,940	3,552	963,956	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11090,900	7,499	53,316	3,552	1057,350	-26,405	
22	125	0,000	-11101,600	7,499	139,417	2,788	1054,110	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11098,000	6,666	61,288	2,788	1154,570	-33,586	
23	126	0,000	-11142,100	6,666	125,354	3,323	1149,730	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11137,400	5,831	48,633	3,323	1236,890	-39,798	
24	127	0,000	-11176,500	5,831	146,224	3,006	1228,840	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-11172,400	4,998	70,988	3,006	1337,600	-45,246	
25	128	0,000	-11218,700	4,998	124,378	2,735	1326,350	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11215,100	4,164	50,623	2,735	1413,950	-49,849	
26	129	0,000	-11268,200	4,164	138,101	2,387	1399,880	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11265,300	3,331	65,726	2,387	1501,870	-53,618	
27	130	0,000	-11328,400	3,331	142,652	1,958	1483,630	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11326,100	2,498	71,751	1,958	1590,890	-56,552	
28	131	0,000	-11398,700	2,498	126,767	1,619	1569,180	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11396,800	1,665	57,380	1,619	1661,290	-58,645	
29	132	0,000	-11478,100	1,665	170,435	1,619	1637,670	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11476,300	0,833	102,447	1,619	1774,160	-59,894	
30	133	0,000	-11570,300	0,833	171,148	0,302	1744,280	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11570,000	0,000	104,647	0,302	1882,180	-60,332	

NK_06

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28184,700	25,017	2172,040	3,745	-22143,100	316,334	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28176,600	24,181	2083,740	3,745	-20006,300	291,632	
2	135	0,000	-28176,600	24,181	2083,740	3,745	-20006,300	291,632	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28168,600	23,345	1995,940	3,745	-17957,900	267,769	
3	136	0,000	-28168,600	23,345	1995,940	3,745	-17957,900	267,769	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28160,600	22,509	1908,720	3,745	-15997,400	244,745	
4	137	0,000	-28160,600	22,509	1908,720	3,745	-15997,400	244,745	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28152,700	21,673	1822,590	3,745	-14123,900	222,562	
5	138	0,000	-28152,700	21,673	1822,590	3,745	-14123,900	222,562	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28144,800	20,837	1736,610	3,745	-12336,800	201,217	
6	139	0,000	-28144,800	20,837	1736,610	3,745	-12336,800	201,217	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28137,000	20,001	1651,300	3,745	-10635,800	180,712	
7	140	0,000	-28137,000	20,001	1651,300	3,745	-10635,800	180,712	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28129,200	19,165	1566,640	3,745	-9020,060	161,047	

8	141	0,000	-28129,200	19,165	1566,640	3,745	-9020,060	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28121,500	18,329	1482,620	3,745	-7489,040	142,221	
9	142	0,000	-28121,500	18,329	1482,620	3,745	-7489,040	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28113,900	17,493	1399,360	3,745	-6042,010	124,235	
10	143	0,000	-28113,900	17,493	1399,360	3,745	-6042,010	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28106,300	16,657	1316,870	3,745	-4678,200	107,088	
11	144	0,000	-28106,300	16,657	1316,870	3,745	-4678,200	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28098,800	15,821	1235,040	3,745	-3396,900	90,781	
12	145	0,000	-28098,800	15,821	1235,040	3,745	-3396,900	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28091,400	14,985	1154,000	3,745	-2197,370	75,313	
13	146	0,000	-28091,400	14,985	1154,000	3,745	-2197,370	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28084,000	14,149	1073,730	3,745	-1078,840	60,684	
14	147	0,000	-28084,000	14,149	1073,730	3,745	-1078,840	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28076,700	13,313	994,284	3,745	-40,497	46,895	
15	148	0,000	-27509,800	13,098	913,803	3,715	-204,349	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27302,600	12,262	835,189	3,715	673,813	33,979	
16	149	0,000	-27226,500	12,278	306,430	3,723	676,586	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27219,400	11,442	228,721	3,723	945,283	21,848	
17	150	0,000	-27182,600	11,462	-168,132	3,733	952,196	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27175,600	10,626	-244,496	3,733	745,017	10,553	
18	151	0,000	-27425,100	10,684	-345,946	3,744	770,558	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27417,500	9,856	-429,084	3,744	385,310	0,176	
19	122	0,000	-80,693	10,005	877,100	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-77,670	9,672	844,236	3,750	344,267	-3,934	
20	123	0,000	-10181,000	9,169	453,589	3,625	554,148	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10174,600	8,334	372,465	3,625	968,462	-18,452	
21	124	0,000	-10182,800	8,334	156,078	3,552	966,530	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10176,900	7,499	76,455	3,552	1083,120	-26,405	
22	125	0,000	-10190,800	7,499	155,176	2,788	1079,580	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10187,200	6,666	77,047	2,788	1195,820	-33,586	
23	126	0,000	-10232,100	6,666	135,579	3,323	1190,710	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10227,300	5,831	58,858	3,323	1288,110	-39,798	
24	127	0,000	-10268,800	5,831	148,206	3,006	1279,550	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10264,700	4,998	72,970	3,006	1390,300	-45,246	
25	128	0,000	-10313,000	4,998	121,780	2,735	1378,580	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10309,500	4,164	48,025	2,735	1463,580	-49,849	
26	129	0,000	-10363,600	4,164	128,253	2,387	1449,230	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10360,600	3,331	55,877	2,387	1541,370	-53,618	
27	130	0,000	-10423,400	3,331	126,486	1,958	1523,280	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10421,100	2,498	55,585	1,958	1614,360	-56,552	
28	131	0,000	-10491,200	2,498	106,098	1,619	1593,420	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10489,400	1,665	36,711	1,619	1664,850	-58,645	
29	132	0,000	-10565,100	1,665	140,688	1,619	1642,840	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10563,300	0,833	72,700	1,619	1749,570	-59,894	
30	133	0,000	-10648,500	0,833	135,832	0,302	1722,610	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10648,100	0,000	69,330	0,302	1825,190	-60,332	

NK_07

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-30691,400	25,017	2263,320	3,745	-23161,500	316,334	19 - SHAPE-MASSIVE PR_01
	135	1,004	-30683,100	24,181	2173,270	3,745	-20933,900	291,632	
2	135	0,000	-30683,100	24,181	2173,270	3,745	-20933,900	291,632	20 - SHAPE-MASSIVE PR_02
	136	1,004	-30674,900	23,345	2083,640	3,745	-18796,500	267,769	
3	136	0,000	-30674,900	23,345	2083,640	3,745	-18796,500	267,769	21 - SHAPE-MASSIVE PR_03
	137	1,004	-30666,700	22,509	1994,510	3,745	-16748,900	244,745	
4	137	0,000	-30666,700	22,509	1994,510	3,745	-16748,900	244,745	22 - SHAPE-MASSIVE PR_04
	138	1,004	-30658,700	21,673	1906,300	3,745	-14790,300	222,562	
5	138	0,000	-30658,700	21,673	1906,300	3,745	-14790,300	222,562	23 - SHAPE-MASSIVE PR_05
	139	1,004	-30650,600	20,837	1818,230	3,745	-12920,300	201,217	
6	139	0,000	-30650,600	20,837	1818,230	3,745	-12920,300	201,217	24 - SHAPE-MASSIVE PR_06
	140	1,004	-30642,600	20,001	1730,730	3,745	-11138,300	180,712	
7	140	0,000	-30642,600	20,001	1730,730	3,745	-11138,300	180,712	25 - SHAPE-MASSIVE PR_07
	141	1,004	-30634,600	19,165	1643,770	3,745	-9444,010	161,047	

8	141	0,000	-30634,600	19,165	1643,770	3,745	-9444,010	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-30626,700	18,329	1557,360	3,745	-7836,730	142,221	
9	142	0,000	-30626,700	18,329	1557,360	3,745	-7836,730	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-30618,800	17,493	1471,610	3,745	-6315,900	124,235	
10	143	0,000	-30618,800	17,493	1471,610	3,745	-6315,900	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-30611,000	16,657	1386,510	3,745	-4880,850	107,088	
11	144	0,000	-30611,000	16,657	1386,510	3,745	-4880,850	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-30603,300	15,821	1301,960	3,745	-3530,980	90,781	
12	145	0,000	-30603,300	15,821	1301,960	3,745	-3530,980	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-30595,600	14,985	1218,100	3,745	-2265,670	75,313	
13	146	0,000	-30595,600	14,985	1218,100	3,745	-2265,670	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-30587,900	14,149	1134,880	3,745	-1084,240	60,684	
14	147	0,000	-30587,900	14,149	1134,880	3,745	-1084,240	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-30580,400	13,313	1052,380	3,745	13,974	46,895	
15	148	0,000	-29769,700	13,098	972,492	3,715	-151,870	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29762,200	12,262	890,691	3,715	783,627	33,979	
16	149	0,000	-29684,300	12,278	320,118	3,723	781,617	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29676,900	11,442	239,088	3,723	1062,390	21,848	
17	150	0,000	-29639,800	11,462	-189,119	3,733	1059,860	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29632,400	10,626	-269,004	3,733	829,840	10,553	
18	151	0,000	-29905,700	10,684	-378,977	3,744	845,230	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29897,900	9,856	-464,483	3,744	425,967	0,176	
19	122	0,000	-87,179	10,005	947,597	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-84,060	9,672	913,693	3,750	372,258	-3,934	
20	123	0,000	-11101,500	9,169	490,831	3,625	597,903	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11094,900	8,334	406,891	3,625	1048,160	-18,452	
21	124	0,000	-11103,200	8,334	171,300	3,552	1046,130	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11097,000	7,499	88,639	3,552	1176,470	-26,405	
22	125	0,000	-11111,100	7,499	174,777	2,788	1172,720	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11107,300	6,666	93,389	2,788	1306,940	-33,586	
23	126	0,000	-11158,000	6,666	157,381	3,323	1301,110	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11153,000	5,831	77,193	3,323	1418,620	-39,798	
24	127	0,000	-11199,700	5,831	174,829	3,006	1408,980	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-11195,400	4,998	95,906	3,006	1544,540	-45,246	
25	128	0,000	-11250,700	4,998	149,318	2,735	1531,100	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11247,000	4,164	71,657	2,735	1641,720	-49,849	
26	129	0,000	-11310,100	4,164	159,350	2,387	1624,960	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11307,000	3,331	82,864	2,387	1746,170	-53,618	
27	130	0,000	-11381,300	3,331	160,102	1,958	1724,730	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11378,800	2,498	84,871	1,958	1847,290	-56,552	
28	131	0,000	-11463,500	2,498	140,222	1,619	1822,020	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11461,500	1,665	66,282	1,619	1925,310	-58,645	
29	132	0,000	-11554,200	1,665	180,170	1,619	1898,250	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11552,200	0,833	107,421	1,619	2042,100	-59,894	
30	133	0,000	-11657,200	0,833	176,834	0,302	2008,900	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11656,800	0,000	105,351	0,302	2149,990	-60,332	

NK_08

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			M _T	Momenty [kNm]			Průřez
			N	V _y	V _z		M _y	M _z		
1	1	0,000	-28260,400	25,017	2282,270	3,745	-23775,700	316,334	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-28252,200	24,181	2192,220	3,745	-21529,000	291,632		
2	135	0,000	-28252,200	24,181	2192,220	3,745	-21529,000	291,632	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-28243,900	23,345	2102,600	3,745	-19372,600	267,769		
3	136	0,000	-28243,900	23,345	2102,600	3,745	-19372,600	267,769	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-28235,800	22,509	2013,470	3,745	-17306,000	244,745		
4	137	0,000	-28235,800	22,509	2013,470	3,745	-17306,000	244,745	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-28227,700	21,673	1925,260	3,745	-15328,300	222,562		
5	138	0,000	-28227,700	21,673	1925,260	3,745	-15328,300	222,562	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-28219,600	20,837	1837,180	3,745	-13439,200	201,217		
6	139	0,000	-28219,600	20,837	1837,180	3,745	-13439,200	201,217	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-28211,600	20,001	1749,680	3,745	-11638,300	180,712		
7	140	0,000	-28211,600	20,001	1749,680	3,745	-11638,300	180,712	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-28203,600	19,165	1662,730	3,745	-9924,940	161,047		

8	141	0,000	-28203,600	19,165	1662,730	3,745	-9924,940	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28195,700	18,329	1576,320	3,745	-8298,630	142,221	
9	142	0,000	-28195,700	18,329	1576,320	3,745	-8298,630	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28187,800	17,493	1490,560	3,745	-6758,760	124,235	
10	143	0,000	-28187,800	17,493	1490,560	3,745	-6758,760	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28180,000	16,657	1405,460	3,745	-5304,680	107,088	
11	144	0,000	-28180,000	16,657	1405,460	3,745	-5304,680	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28172,300	15,821	1320,920	3,745	-3935,770	90,781	
12	145	0,000	-28172,300	15,821	1320,920	3,745	-3935,770	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28164,600	14,985	1237,050	3,745	-2651,430	75,313	
13	146	0,000	-28164,600	14,985	1237,050	3,745	-2651,430	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28157,000	14,149	1153,840	3,745	-1450,970	60,684	
14	147	0,000	-28157,000	14,149	1153,840	3,745	-1450,970	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28149,400	13,313	1071,330	3,745	-333,722	46,895	
15	148	0,000	-27340,100	13,098	992,444	3,715	-497,098	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27332,600	12,262	910,643	3,715	458,435	33,979	
16	149	0,000	-27249,100	12,278	382,231	3,723	461,224	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27241,700	11,442	301,201	3,723	804,373	21,848	
17	150	0,000	-27197,000	11,462	-95,049	3,733	811,190	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27189,700	10,626	-174,933	3,733	675,633	10,553	
18	151	0,000	-27433,100	10,684	-274,974	3,744	700,609	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27425,200	9,856	-360,480	3,744	384,741	0,176	
19	122	0,000	-87,179	10,005	947,597	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-84,060	9,672	913,693	3,750	372,258	-3,934	
20	123	0,000	-10187,500	9,169	521,637	3,625	623,643	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10180,900	8,334	437,698	3,625	1104,810	-18,452	
21	124	0,000	-10193,400	8,334	221,260	3,552	1102,610	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10187,200	7,499	138,599	3,552	1283,050	-26,405	
22	125	0,000	-10206,900	7,499	217,276	2,788	1278,630	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10203,100	6,666	135,889	2,788	1455,400	-33,586	
23	126	0,000	-10259,600	6,666	194,169	3,323	1448,540	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10254,600	5,831	113,980	3,323	1602,910	-39,798	
24	127	0,000	-10309,600	5,831	203,278	3,006	1591,490	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10305,300	4,998	124,354	3,006	1755,540	-45,246	
25	128	0,000	-10370,500	4,998	173,060	2,735	1739,740	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10366,800	4,164	95,398	2,735	1874,120	-49,849	
26	129	0,000	-10440,400	4,164	175,860	2,387	1854,550	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10437,300	3,331	99,373	2,387	1992,280	-53,618	
27	130	0,000	-10522,700	3,331	170,399	1,958	1967,700	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10520,200	2,498	95,168	1,958	2100,550	-56,552	
28	131	0,000	-10616,200	2,498	146,150	1,619	2071,930	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10614,200	1,665	72,209	1,619	2181,150	-58,645	
29	132	0,000	-10716,700	1,665	177,659	1,619	2151,060	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10714,700	0,833	104,910	1,619	2292,400	-59,894	
30	133	0,000	-10827,800	0,833	169,370	0,302	2256,860	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10827,500	0,000	97,887	0,302	2390,490	-60,332	

NK_09

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z		
1	1	0,000	-30633,700	25,017	2196,800	3,745	-21970,800	316,334	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-30625,400	24,181	2106,750	3,745	-19810,000	291,632		
2	135	0,000	-30625,400	24,181	2106,750	3,745	-19810,000	291,632	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-30617,200	23,345	2017,130	3,745	-17739,400	267,769		
3	136	0,000	-30617,200	23,345	2017,130	3,745	-17739,400	267,769	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-30609,000	22,509	1928,000	3,745	-15758,600	244,745		
4	137	0,000	-30609,000	22,509	1928,000	3,745	-15758,600	244,745	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-30600,900	21,673	1839,790	3,745	-13866,800	222,562		
5	138	0,000	-30600,900	21,673	1839,790	3,745	-13866,800	222,562	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-30592,900	20,837	1751,710	3,745	-12063,500	201,217		
6	139	0,000	-30592,900	20,837	1751,710	3,745	-12063,500	201,217	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-30584,800	20,001	1664,210	3,745	-10348,400	180,712		
7	140	0,000	-30584,800	20,001	1664,210	3,745	-10348,400	180,712	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-30576,900	19,165	1577,260	3,745	-8720,860	161,047		

8	141	0,000	-30576,900	19,165	1577,260	3,745	-8720,860	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-30568,900	18,329	1490,850	3,745	-7180,380	142,221	
9	142	0,000	-30568,900	18,329	1490,850	3,745	-7180,380	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-30561,100	17,493	1405,090	3,745	-5726,340	124,235	
10	143	0,000	-30561,100	17,493	1405,090	3,745	-5726,340	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-30553,300	16,657	1319,990	3,745	-4358,090	107,088	
11	144	0,000	-30553,300	16,657	1319,990	3,745	-4358,090	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-30545,500	15,821	1235,450	3,745	-3075,010	90,781	
12	145	0,000	-30545,500	15,821	1235,450	3,745	-3075,010	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-30537,800	14,985	1151,580	3,745	-1876,490	75,313	
13	146	0,000	-30537,800	14,985	1151,580	3,745	-1876,490	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-30530,200	14,149	1068,370	3,745	-761,867	60,684	
14	147	0,000	-30530,200	14,149	1068,370	3,745	-761,867	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-30522,700	13,313	985,861	3,745	269,553	46,895	
15	148	0,000	-29743,100	13,098	907,583	3,715	108,658	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29735,600	12,262	825,781	3,715	978,973	33,979	
16	149	0,000	-29664,100	12,278	255,360	3,723	976,927	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29656,700	11,442	174,331	3,723	1192,670	21,848	
17	150	0,000	-29626,700	11,462	-253,945	3,733	1190,220	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29619,400	10,626	-333,829	3,733	895,100	10,553	
18	151	0,000	-29898,300	10,684	-444,642	3,744	911,023	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29890,500	9,856	-530,149	3,744	426,479	0,176	
19	122	0,000	-80,990	10,005	880,325	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-77,871	9,672	846,421	3,750	345,349	-3,934	
20	123	0,000	-11095,100	9,169	423,521	3,625	530,378	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11088,500	8,334	339,582	3,625	913,118	-18,452	
21	124	0,000	-11092,400	8,334	104,245	3,552	911,374	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11086,200	7,499	21,584	3,552	974,465	-26,405	
22	125	0,000	-11094,500	7,499	107,926	2,788	971,629	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11090,700	6,666	26,539	2,788	1038,930	-33,586	
23	126	0,000	-11128,900	6,666	90,974	3,323	1034,970	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11124,000	5,831	10,786	3,323	1085,950	-39,798	
24	127	0,000	-11155,500	5,831	108,665	3,006	1079,490	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-11151,300	4,998	29,741	3,006	1148,800	-45,246	
25	128	0,000	-11187,100	4,998	83,469	2,735	1140,080	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11183,400	4,164	5,808	2,735	1184,770	-49,849	
26	129	0,000	-11222,900	4,164	93,454	2,387	1174,350	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11219,800	3,331	16,967	2,387	1229,610	-53,618	
27	130	0,000	-11265,400	3,331	93,946	1,958	1216,450	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11262,900	2,498	18,715	1,958	1272,810	-56,552	
28	131	0,000	-11313,000	2,498	73,730	1,619	1257,850	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11311,000	1,665	-0,210	1,619	1294,620	-58,645	
29	132	0,000	-11365,400	1,665	112,078	1,619	1279,140	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11363,400	0,833	39,329	1,619	1354,860	-59,894	
30	133	0,000	-11426,000	0,833	107,201	0,302	1334,800	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11425,600	0,000	35,718	0,302	1406,260	-60,332	

NK_10

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z		
1	1	0,000	-28202,700	25,017	2215,750	3,745	-22584,900	316,334	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-28194,400	24,181	2125,700	3,745	-20405,100	291,632		
2	135	0,000	-28194,400	24,181	2125,700	3,745	-20405,100	291,632	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-28186,200	23,345	2036,080	3,745	-18315,500	267,769		
3	136	0,000	-28186,200	23,345	2036,080	3,745	-18315,500	267,769	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-28178,100	22,509	1946,950	3,745	-16315,600	244,745		
4	137	0,000	-28178,100	22,509	1946,950	3,745	-16315,600	244,745	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-28170,000	21,673	1858,740	3,745	-14404,800	222,562		
5	138	0,000	-28170,000	21,673	1858,740	3,745	-14404,800	222,562	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-28161,900	20,837	1770,660	3,745	-12582,500	201,217		
6	139	0,000	-28161,900	20,837	1770,660	3,745	-12582,500	201,217	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-28153,900	20,001	1683,160	3,745	-10848,300	180,712		
7	140	0,000	-28153,900	20,001	1683,160	3,745	-10848,300	180,712	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-28145,900	19,165	1596,210	3,745	-9201,790	161,047		

8	141	0,000	-28145,900	19,165	1596,210	3,745	-9201,790	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28138,000	18,329	1509,800	3,745	-7642,270	142,221	
9	142	0,000	-28138,000	18,329	1509,800	3,745	-7642,270	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28130,100	17,493	1424,040	3,745	-6169,200	124,235	
10	143	0,000	-28130,100	17,493	1424,040	3,745	-6169,200	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28122,300	16,657	1338,940	3,745	-4781,920	107,088	
11	144	0,000	-28122,300	16,657	1338,940	3,745	-4781,920	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28114,600	15,821	1254,400	3,745	-3479,810	90,781	
12	145	0,000	-28114,600	15,821	1254,400	3,745	-3479,810	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28106,900	14,985	1170,530	3,745	-2262,260	75,313	
13	146	0,000	-28106,900	14,985	1170,530	3,745	-2262,260	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-28099,300	14,149	1087,320	3,745	-1128,600	60,684	
14	147	0,000	-28099,300	14,149	1087,320	3,745	-1128,600	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-28091,700	13,313	1004,820	3,745	-78,142	46,895	
15	148	0,000	-27313,400	13,098	927,535	3,715	-236,570	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27305,900	12,262	845,733	3,715	653,781	33,979	
16	149	0,000	-27228,900	12,278	317,474	3,723	656,534	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27221,500	11,442	236,444	3,723	934,655	21,848	
17	150	0,000	-27183,900	11,462	-159,875	3,733	941,547	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27176,600	10,626	-239,759	3,733	740,893	10,553	
18	151	0,000	-27425,700	10,684	-340,639	3,744	766,402	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27417,800	9,856	-426,146	3,744	385,252	0,176	
19	122	0,000	-80,990	10,005	880,325	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-77,871	9,672	846,421	3,750	345,349	-3,934	
20	123	0,000	-10181,100	9,169	454,328	3,625	556,117	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10174,500	8,334	370,389	3,625	969,761	-18,452	
21	124	0,000	-10182,700	8,334	154,205	3,552	967,851	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10176,500	7,499	71,544	3,552	1081,040	-26,405	
22	125	0,000	-10190,300	7,499	150,426	2,788	1077,540	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10186,500	6,666	69,038	2,788	1187,390	-33,586	
23	126	0,000	-10230,500	6,666	127,762	3,323	1182,400	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10225,500	5,831	47,574	3,323	1270,240	-39,798	
24	127	0,000	-10265,500	5,831	137,113	3,006	1262,000	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10261,200	4,998	58,189	3,006	1359,800	-45,246	
25	128	0,000	-10306,900	4,998	107,211	2,735	1348,720	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10303,200	4,164	29,549	2,735	1417,180	-49,849	
26	129	0,000	-10353,200	4,164	109,964	2,387	1403,950	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10350,100	3,331	33,477	2,387	1475,730	-53,618	
27	130	0,000	-10406,800	3,331	104,243	1,958	1459,410	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10404,300	2,498	29,012	1,958	1526,080	-56,552	
28	131	0,000	-10465,700	2,498	79,658	1,619	1507,760	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10463,700	1,665	5,718	1,619	1550,460	-58,645	
29	132	0,000	-10527,900	1,665	109,567	1,619	1531,950	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10525,900	0,833	36,818	1,619	1605,170	-59,894	
30	133	0,000	-10596,600	0,833	99,737	0,302	1582,770	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10596,300	0,000	28,254	0,302	1646,760	-60,332	

NK_11

Prut č.	Uzel č.	Místo x [m]	Síly [kN]				Momenty [kNm]			Průřez
			N	V _y	V _z	M _r	M _y	M _z		
1	1	0,000	-30319,100	41,695	1595,140	6,242	-14796,200	527,223	19 - SHAPE-MASSIVE PR_01	
	135	1,004	-30312,900	40,302	1527,590	6,242	-13228,300	486,053		
2	135	0,000	-30312,900	40,302	1527,590	6,242	-13228,300	486,053	20 - SHAPE-MASSIVE PR_02	
	136	1,004	-30306,800	38,909	1460,470	6,242	-11728,000	446,281		
3	136	0,000	-30306,800	38,909	1460,470	6,242	-11728,000	446,281	21 - SHAPE-MASSIVE PR_03	
	137	1,004	-30300,700	37,515	1393,830	6,242	-10294,900	407,909		
4	137	0,000	-30300,700	37,515	1393,830	6,242	-10294,900	407,909	22 - SHAPE-MASSIVE PR_04	
	138	1,004	-30294,700	36,122	1328,130	6,242	-8928,210	370,936		
5	138	0,000	-30294,700	36,122	1328,130	6,242	-8928,210	370,936	23 - SHAPE-MASSIVE PR_05	
	139	1,004	-30288,700	34,729	1262,550	6,242	-7627,440	335,362		
6	139	0,000	-30288,700	34,729	1262,550	6,242	-7627,440	335,362	24 - SHAPE-MASSIVE PR_06	
	140	1,004	-30282,700	33,335	1197,550	6,242	-6392,230	301,187		
7	140	0,000	-30282,700	33,335	1197,550	6,242	-6392,230	301,187	25 - SHAPE-MASSIVE PR_07	
	141	1,004	-30276,800	31,942	1133,090	6,242	-5222,020	268,412		

8	141	0,000	-30276,800	31,942	1133,090	6,242	-5222,020	268,412	26 - SHAPE-MASSIVE PR_08
	142	1,004	-30270,900	30,549	1069,190	6,242	-4116,270	237,035	
9	142	0,000	-30270,900	30,549	1069,190	6,242	-4116,270	237,035	27 - SHAPE-MASSIVE PR_09
	143	1,004	-30265,100	29,155	1005,930	6,242	-3074,360	207,058	
10	143	0,000	-30265,100	29,155	1005,930	6,242	-3074,360	207,058	28 - SHAPE-MASSIVE PR_10
	144	1,004	-30259,400	27,762	943,329	6,242	-2095,640	178,480	
11	144	0,000	-30259,400	27,762	943,329	6,242	-2095,640	178,480	29 - SHAPE-MASSIVE PR_11
	145	1,004	-30253,700	26,369	881,288	6,242	-1179,510	151,301	
12	145	0,000	-30253,700	26,369	881,288	6,242	-1179,510	151,301	30 - SHAPE-MASSIVE PR_12
	146	1,004	-30248,100	24,976	819,919	6,242	-325,341	125,521	
13	146	0,000	-30248,100	24,976	819,919	6,242	-325,341	125,521	31 - SHAPE-MASSIVE PR_13
	147	1,004	-30242,500	23,582	759,207	6,242	467,532	101,141	
14	147	0,000	-30242,500	23,582	759,207	6,242	467,532	101,141	32 - SHAPE-MASSIVE PR_14
	148	1,004	-30237,000	22,189	699,200	6,242	1199,790	78,159	
15	148	0,000	-29642,800	21,830	625,237	6,192	1065,380	77,853	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29637,300	20,436	565,936	6,192	1663,460	56,631	
16	149	0,000	-29591,200	20,463	-4,678	6,204	1661,490	56,263	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29585,900	19,069	-63,208	6,204	1627,410	36,414	
17	150	0,000	-29581,400	19,104	-492,440	6,221	1625,310	36,073	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29576,200	17,711	-549,824	6,221	1101,990	17,589	
18	151	0,000	-29873,800	17,806	-664,047	6,240	1119,630	17,310	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29868,000	16,426	-727,279	6,240	428,035	0,294	
19	122	0,000	-62,406	16,675	678,333	6,250	0,000	0,002	37 - SHAPE-MASSIVE PR_19
	219	0,400	-60,112	16,120	653,390	6,250	266,345	-6,557	
20	123	0,000	-11077,900	15,281	243,932	6,042	338,914	-16,123	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11073,100	13,890	182,493	6,042	552,791	-30,754	
21	124	0,000	-11066,100	13,890	-52,194	5,920	551,764	-30,778	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11061,600	12,498	-112,355	5,920	469,259	-44,009	
22	125	0,000	-11055,800	12,498	-25,523	4,646	468,517	-44,161	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11053,100	11,109	-84,411	4,646	413,491	-55,977	
23	126	0,000	-11066,100	11,109	-19,116	5,539	413,366	-55,896	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11062,500	9,719	-76,805	5,539	365,313	-66,330	
24	127	0,000	-11066,600	9,719	21,433	5,010	364,644	-66,372	42 - SHAPE-MASSIVE PR_24
	128	1,001	-11063,600	8,330	-34,991	5,010	357,855	-75,410	
25	128	0,000	-11068,300	8,330	19,146	4,558	356,596	-75,438	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11065,700	6,940	-36,016	4,558	348,151	-83,082	
26	129	0,000	-11073,600	6,940	51,300	3,978	346,172	-83,112	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11071,300	5,552	-2,686	3,978	370,500	-89,363	
27	130	0,000	-11084,900	5,552	73,641	3,264	366,452	-89,392	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11083,200	4,164	20,910	3,264	413,754	-94,253	
28	131	0,000	-11102,700	4,164	75,241	2,699	407,801	-94,271	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11101,300	2,776	23,801	2,699	457,340	-97,741	
29	132	0,000	-11132,400	2,776	133,917	2,699	448,871	-97,741	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11131,000	1,388	83,668	2,699	557,703	-99,824	
30	133	0,000	-11176,200	1,388	150,006	0,503	542,560	-99,859	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11176,000	0,000	101,024	0,503	668,076	-100,552	

NK_12

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _r	M _y	M _z	
1	1	0,000	-27888,200	41,695	1614,090	6,242	-15410,400	527,223	19 - SHAPE-MASSIVE PR_01
	135	1,004	-27882,000	40,302	1546,540	6,242	-13823,400	486,053	
2	135	0,000	-27882,000	40,302	1546,540	6,242	-13823,400	486,053	20 - SHAPE-MASSIVE PR_02
	136	1,004	-27875,800	38,909	1479,420	6,242	-12304,100	446,281	
3	136	0,000	-27875,800	38,909	1479,420	6,242	-12304,100	446,281	21 - SHAPE-MASSIVE PR_03
	137	1,004	-27869,700	37,515	1412,790	6,242	-10852,000	407,909	
4	137	0,000	-27869,700	37,515	1412,790	6,242	-10852,000	407,909	22 - SHAPE-MASSIVE PR_04
	138	1,004	-27863,700	36,122	1347,080	6,242	-9466,230	370,936	
5	138	0,000	-27863,700	36,122	1347,080	6,242	-9466,230	370,936	23 - SHAPE-MASSIVE PR_05
	139	1,004	-27857,700	34,729	1281,500	6,242	-8146,430	335,362	
6	139	0,000	-27857,700	34,729	1281,500	6,242	-8146,430	335,362	24 - SHAPE-MASSIVE PR_06
	140	1,004	-27851,700	33,335	1216,500	6,242	-6892,190	301,187	
7	140	0,000	-27851,700	33,335	1216,500	6,242	-6892,190	301,187	25 - SHAPE-MASSIVE PR_07
	141	1,004	-27845,800	31,942	1152,050	6,242	-5702,950	268,412	

8	141	0,000	-27845,800	31,942	1152,050	6,242	-5702,950	268,412	26 - SHAPE-MASSIVE PR_08
	142	1,004	-27840,000	30,549	1088,140	6,242	-4578,160	237,035	
9	142	0,000	-27840,000	30,549	1088,140	6,242	-4578,160	237,035	27 - SHAPE-MASSIVE PR_09
	143	1,004	-27834,200	29,155	1024,880	6,242	-3517,220	207,058	
10	143	0,000	-27834,200	29,155	1024,880	6,242	-3517,220	207,058	28 - SHAPE-MASSIVE PR_10
	144	1,004	-27828,400	27,762	962,282	6,242	-2519,470	178,480	
11	144	0,000	-27828,400	27,762	962,282	6,242	-2519,470	178,480	29 - SHAPE-MASSIVE PR_11
	145	1,004	-27822,800	26,369	900,241	6,242	-1584,310	151,301	
12	145	0,000	-27822,800	26,369	900,241	6,242	-1584,310	151,301	30 - SHAPE-MASSIVE PR_12
	146	1,004	-27817,100	24,976	838,872	6,242	-711,103	125,521	
13	146	0,000	-27817,100	24,976	838,872	6,242	-711,103	125,521	31 - SHAPE-MASSIVE PR_13
	147	1,004	-27811,600	23,582	778,160	6,242	100,803	101,141	
14	147	0,000	-27811,600	23,582	778,160	6,242	100,803	101,141	32 - SHAPE-MASSIVE PR_14
	148	1,004	-27806,100	22,189	718,154	6,242	852,097	78,159	
15	148	0,000	-27213,100	21,830	645,189	6,192	720,148	77,853	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27207,700	20,436	585,888	6,192	1338,270	56,631	
16	149	0,000	-27156,000	20,463	57,435	6,204	1341,100	56,263	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27150,600	19,069	-1,095	6,204	1369,390	36,414	
17	150	0,000	-27138,600	19,104	-398,370	6,221	1376,640	36,073	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27133,400	17,711	-455,754	6,221	947,788	17,589	
18	151	0,000	-27401,200	17,806	-560,044	6,240	975,008	17,310	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27395,400	16,426	-623,276	6,240	386,809	0,294	
19	122	0,000	-62,407	16,675	678,333	6,250	0,000	0,002	37 - SHAPE-MASSIVE PR_19
	219	0,400	-60,112	16,120	653,390	6,250	266,345	-6,557	
20	123	0,000	-10163,900	15,281	274,739	6,042	364,654	-16,123	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10159,100	13,890	213,300	6,042	609,434	-30,754	
21	124	0,000	-10156,300	13,890	-2,234	5,920	608,241	-30,778	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10151,800	12,498	-62,395	5,920	575,836	-44,009	
22	125	0,000	-10151,600	12,498	16,976	4,646	574,425	-44,161	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10148,900	11,109	-41,911	4,646	561,945	-55,977	
23	126	0,000	-10167,700	11,109	17,671	5,539	560,799	-55,896	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10164,100	9,719	-40,017	5,539	549,605	-66,330	
24	127	0,000	-10176,500	9,719	49,881	5,010	547,155	-66,372	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10173,500	8,330	-6,543	5,010	568,856	-75,410	
25	128	0,000	-10188,100	8,330	42,887	4,558	565,234	-75,438	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10185,500	6,940	-12,275	4,558	580,557	-83,082	
26	129	0,000	-10203,800	6,940	67,810	3,978	575,765	-83,112	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10201,600	5,552	13,824	3,978	616,616	-89,363	
27	130	0,000	-10226,300	5,552	83,938	3,264	609,416	-89,392	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10224,500	4,164	31,207	3,264	667,019	-94,253	
28	131	0,000	-10255,400	4,164	81,169	2,699	657,709	-94,271	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10254,000	2,776	29,728	2,699	713,179	-97,741	
29	132	0,000	-10294,900	2,776	131,407	2,699	701,682	-97,741	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10293,500	1,388	81,157	2,699	808,003	-99,824	
30	133	0,000	-10346,800	1,388	142,543	0,503	790,527	-99,859	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10346,600	0,000	93,560	0,503	908,580	-100,552	

NK_13

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-31391,900	25,017	1855,210	3,745	-17908,900	316,334	19 - SHAPE-MASSIVE PR_01
	135	1,004	-31384,900	24,181	1778,660	3,745	-16084,400	291,632	
2	135	0,000	-31384,900	24,181	1778,660	3,745	-16084,400	291,632	20 - SHAPE-MASSIVE PR_02
	136	1,004	-31377,900	23,345	1702,530	3,745	-14336,500	267,769	
3	136	0,000	-31377,900	23,345	1702,530	3,745	-14336,500	267,769	21 - SHAPE-MASSIVE PR_03
	137	1,004	-31371,000	22,509	1626,900	3,745	-12664,800	244,745	
4	137	0,000	-31371,000	22,509	1626,900	3,745	-12664,800	244,745	22 - SHAPE-MASSIVE PR_04
	138	1,004	-31364,200	21,673	1552,190	3,745	-11068,600	222,562	
5	138	0,000	-31364,200	21,673	1552,190	3,745	-11068,600	222,562	23 - SHAPE-MASSIVE PR_05
	139	1,004	-31357,300	20,837	1477,620	3,745	-9547,310	201,217	
6	139	0,000	-31357,300	20,837	1477,620	3,745	-9547,310	201,217	24 - SHAPE-MASSIVE PR_06
	140	1,004	-31350,600	20,001	1403,620	3,745	-8100,660	180,712	
7	140	0,000	-31350,600	20,001	1403,620	3,745	-8100,660	180,712	25 - SHAPE-MASSIVE PR_07
	141	1,004	-31343,800	19,165	1330,160	3,745	-6728,040	161,047	

8	141	0,000	-31343,800	19,165	1330,160	3,745	-6728,040	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-31337,100	18,329	1257,250	3,745	-5428,910	142,221	
9	142	0,000	-31337,100	18,329	1257,250	3,745	-5428,910	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-31330,500	17,493	1185,000	3,745	-4202,660	124,235	
10	143	0,000	-31330,500	17,493	1185,000	3,745	-4202,660	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-31323,900	16,657	1113,400	3,745	-3048,650	107,088	
11	144	0,000	-31323,900	16,657	1113,400	3,745	-3048,650	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-31317,400	15,821	1042,350	3,745	-1966,250	90,781	
12	145	0,000	-31317,400	15,821	1042,350	3,745	-1966,250	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-31311,000	14,985	971,986	3,745	-954,858	75,313	
13	146	0,000	-31311,000	14,985	971,986	3,745	-954,858	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-31304,600	14,149	902,274	3,745	-13,798	60,684	
14	147	0,000	-31304,600	14,149	902,274	3,745	-13,798	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-31298,300	13,313	833,268	3,745	857,611	46,895	
15	148	0,000	-30616,900	13,098	756,556	3,715	709,686	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-30610,700	12,262	688,255	3,715	1435,120	33,979	
16	149	0,000	-30554,000	12,278	101,633	3,723	1431,310	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-30547,800	11,442	34,103	3,723	1499,460	21,848	
17	150	0,000	-30533,200	11,462	-406,864	3,733	1493,640	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-30527,100	10,626	-473,249	3,733	1051,740	10,553	
18	151	0,000	-30826,300	10,684	-589,547	3,744	1064,830	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-30819,700	9,856	-661,688	3,744	442,877	0,176	
19	122	0,000	-72,315	10,005	786,039	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-69,691	9,672	757,511	3,750	308,710	-3,934	
20	123	0,000	-11434,800	9,169	330,983	3,625	432,727	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11429,200	8,334	260,544	3,625	729,412	-18,452	
21	124	0,000	-11426,700	8,334	18,216	3,552	728,047	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11421,500	7,499	-50,945	3,552	711,636	-26,405	
22	125	0,000	-11421,600	7,499	38,444	2,788	709,945	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11418,500	6,666	-29,443	2,788	714,450	-33,586	
23	126	0,000	-11444,300	6,666	37,501	3,323	712,429	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11440,200	5,831	-29,187	3,323	716,593	-39,798	
24	127	0,000	-11458,100	5,831	71,980	3,006	713,012	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-11454,600	4,998	6,556	3,006	752,337	-45,246	
25	128	0,000	-11475,800	4,998	62,192	2,735	747,104	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11472,700	4,164	-1,970	2,735	777,249	-49,849	
26	129	0,000	-11498,700	4,164	88,246	2,387	770,427	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11496,200	3,331	25,259	2,387	827,227	-53,618	
27	130	0,000	-11529,800	3,331	104,312	1,958	817,423	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11527,800	2,498	42,581	1,958	890,910	-56,552	
28	131	0,000	-11569,000	2,498	98,981	1,619	878,506	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11567,400	1,665	38,540	1,619	947,291	-58,645	
29	132	0,000	-11619,400	1,665	153,372	1,619	932,538	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11617,800	0,833	94,123	1,619	1056,330	-59,894	
30	133	0,000	-11683,800	0,833	163,574	0,302	1034,850	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11683,500	0,000	105,591	0,302	1169,440	-60,332	

NK_14

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-27340,400	25,017	1886,800	3,745	-18932,500	316,334	19 - SHAPE-MASSIVE PR_01
	135	1,004	-27333,300	24,181	1810,240	3,745	-17076,300	291,632	
2	135	0,000	-27333,300	24,181	1810,240	3,745	-17076,300	291,632	20 - SHAPE-MASSIVE PR_02
	136	1,004	-27326,400	23,345	1734,120	3,745	-15296,600	267,769	
3	136	0,000	-27326,400	23,345	1734,120	3,745	-15296,600	267,769	21 - SHAPE-MASSIVE PR_03
	137	1,004	-27319,400	22,509	1658,490	3,745	-13593,200	244,745	
4	137	0,000	-27319,400	22,509	1658,490	3,745	-13593,200	244,745	22 - SHAPE-MASSIVE PR_04
	138	1,004	-27312,600	21,673	1583,780	3,745	-11965,300	222,562	
5	138	0,000	-27312,600	21,673	1583,780	3,745	-11965,300	222,562	23 - SHAPE-MASSIVE PR_05
	139	1,004	-27305,700	20,837	1509,210	3,745	-10412,300	201,217	
6	139	0,000	-27305,700	20,837	1509,210	3,745	-10412,300	201,217	24 - SHAPE-MASSIVE PR_06
	140	1,004	-27299,000	20,001	1435,200	3,745	-8933,920	180,712	
7	140	0,000	-27299,000	20,001	1435,200	3,745	-8933,920	180,712	25 - SHAPE-MASSIVE PR_07
	141	1,004	-27292,200	19,165	1361,750	3,745	-7529,580	161,047	

8	141	0,000	-27292,200	19,165	1361,750	3,745	-7529,580	161,047	26 - SHAPE-MASSIVE PR_08
	142	1,004	-27285,500	18,329	1288,840	3,745	-6198,730	142,221	
9	142	0,000	-27285,500	18,329	1288,840	3,745	-6198,730	142,221	27 - SHAPE-MASSIVE PR_09
	143	1,004	-27278,900	17,493	1216,590	3,745	-4940,760	124,235	
10	143	0,000	-27278,900	17,493	1216,590	3,745	-4940,760	124,235	28 - SHAPE-MASSIVE PR_10
	144	1,004	-27272,400	16,657	1144,990	3,745	-3755,020	107,088	
11	144	0,000	-27272,400	16,657	1144,990	3,745	-3755,020	107,088	29 - SHAPE-MASSIVE PR_11
	145	1,004	-27265,800	15,821	1073,940	3,745	-2640,910	90,781	
12	145	0,000	-27265,800	15,821	1073,940	3,745	-2640,910	90,781	30 - SHAPE-MASSIVE PR_12
	146	1,004	-27259,400	14,985	1003,580	3,745	-1597,790	75,313	
13	146	0,000	-27259,400	14,985	1003,580	3,745	-1597,790	75,313	31 - SHAPE-MASSIVE PR_13
	147	1,004	-27253,000	14,149	933,863	3,745	-625,013	60,684	
14	147	0,000	-27253,000	14,149	933,863	3,745	-625,013	60,684	32 - SHAPE-MASSIVE PR_14
	148	1,004	-27246,700	13,313	864,857	3,745	278,118	46,895	
15	148	0,000	-26567,600	13,098	789,810	3,715	134,306	46,712	33 - SHAPE-MASSIVE PR_15
	149	1,004	-26561,300	12,262	721,508	3,715	893,133	33,979	
16	149	0,000	-26495,300	12,278	205,156	3,723	897,323	33,758	34 - SHAPE-MASSIVE PR_16
	150	1,004	-26489,100	11,442	137,626	3,723	1069,430	21,848	
17	150	0,000	-26461,900	11,462	-250,080	3,733	1079,190	21,644	35 - SHAPE-MASSIVE PR_17
	151	1,004	-26455,800	10,626	-316,465	3,733	794,729	10,553	
18	151	0,000	-26705,300	10,684	-416,208	3,744	823,799	10,386	36 - SHAPE-MASSIVE PR_18
	184	0,994	-26698,700	9,856	-488,350	3,744	374,166	0,176	
19	122	0,000	-72,316	10,005	786,038	3,750	0,000	0,001	37 - SHAPE-MASSIVE PR_19
	219	0,400	-69,691	9,672	757,511	3,750	308,710	-3,934	
20	123	0,000	-9911,410	9,169	382,328	3,625	475,627	-9,674	38 - SHAPE-MASSIVE PR_20
	124	1,003	-9905,850	8,334	311,888	3,625	823,816	-18,452	
21	124	0,000	-9910,440	8,334	101,483	3,552	822,175	-18,467	39 - SHAPE-MASSIVE PR_21
	125	1,003	-9905,260	7,499	32,322	3,552	889,265	-26,405	
22	125	0,000	-9914,580	7,499	109,276	2,788	886,459	-26,497	40 - SHAPE-MASSIVE PR_22
	126	1,001	-9911,450	6,666	41,389	2,788	961,872	-33,586	
23	126	0,000	-9946,950	6,666	98,814	3,323	958,150	-33,538	41 - SHAPE-MASSIVE PR_23
	127	1,002	-9942,820	5,831	32,125	3,323	1023,750	-39,798	
24	127	0,000	-9974,670	5,831	119,393	3,006	1017,200	-39,823	42 - SHAPE-MASSIVE PR_24
	128	1,001	-9971,140	4,998	53,969	3,006	1104,000	-45,246	
25	128	0,000	-10008,800	4,998	101,761	2,735	1094,830	-45,263	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10005,700	4,164	37,599	2,735	1164,590	-49,849	
26	129	0,000	-10049,200	4,164	115,762	2,387	1153,080	-49,867	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10046,600	3,331	52,775	2,387	1237,420	-53,618	
27	130	0,000	-10098,700	3,331	121,473	1,958	1222,360	-53,635	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10096,700	2,498	59,742	1,958	1313,020	-56,552	
28	131	0,000	-10156,900	2,498	108,860	1,619	1295,020	-56,562	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10155,300	1,665	48,420	1,619	1373,690	-58,645	
29	132	0,000	-10223,600	1,665	149,188	1,619	1353,890	-58,645	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10222,000	0,833	89,939	1,619	1473,500	-59,894	
30	133	0,000	-10301,500	0,833	151,134	0,302	1448,130	-59,915	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10301,200	0,000	93,152	0,302	1570,270	-60,332	

NK_15

Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-30503,500	24,937	1928,090	384,994	-18951,000	315,820	19 - SHAPE-MASSIVE PR_01
	135	1,004	-30497,300	24,101	1849,240	372,280	-17054,400	291,198	
2	135	0,000	-30497,300	24,101	1849,240	372,280	-17054,400	291,198	20 - SHAPE-MASSIVE PR_02
	136	1,004	-30491,100	23,265	1770,820	359,568	-15236,800	267,416	
3	136	0,000	-30491,100	23,265	1770,820	359,568	-15236,800	267,416	21 - SHAPE-MASSIVE PR_03
	137	1,004	-30485,000	22,429	1692,890	346,854	-13497,700	244,473	
4	137	0,000	-30485,000	22,429	1692,890	346,854	-13497,700	244,473	22 - SHAPE-MASSIVE PR_04
	138	1,004	-30479,000	21,593	1615,890	334,141	-11836,300	222,370	
5	138	0,000	-30479,000	21,593	1615,890	334,141	-11836,300	222,370	23 - SHAPE-MASSIVE PR_05
	139	1,004	-30473,000	20,757	1539,010	321,428	-10252,300	201,106	
6	139	0,000	-30473,000	20,757	1539,010	321,428	-10252,300	201,106	24 - SHAPE-MASSIVE PR_06
	140	1,004	-30467,000	19,921	1462,710	308,715	-8745,120	180,682	
7	140	0,000	-30467,000	19,921	1462,710	308,715	-8745,120	180,682	25 - SHAPE-MASSIVE PR_07
	141	1,004	-30461,100	19,085	1386,960	296,002	-7314,300	161,097	

8	141	0,000	-30461,100	19,085	1386,960	296,002	-7314,300	161,097	26 - SHAPE-MASSIVE PR_08
	142	1,004	-30455,300	18,249	1311,760	283,289	-5959,280	142,352	
9	142	0,000	-30455,300	18,249	1311,760	283,289	-5959,280	142,352	27 - SHAPE-MASSIVE PR_09
	143	1,004	-30449,500	17,413	1237,200	270,576	-4679,460	124,446	
10	143	0,000	-30449,500	17,413	1237,200	270,576	-4679,460	124,446	28 - SHAPE-MASSIVE PR_10
	144	1,004	-30443,700	16,577	1163,310	257,863	-3474,170	107,380	
11	144	0,000	-30443,700	16,577	1163,310	257,863	-3474,170	107,380	29 - SHAPE-MASSIVE PR_11
	145	1,004	-30438,000	15,741	1089,970	245,150	-2342,810	91,153	
12	145	0,000	-30438,000	15,741	1089,970	245,150	-2342,810	91,153	30 - SHAPE-MASSIVE PR_12
	146	1,004	-30432,400	14,905	1017,300	232,437	-1284,750	75,766	
13	146	0,000	-30432,400	14,905	1017,300	232,437	-1284,750	75,766	31 - SHAPE-MASSIVE PR_13
	147	1,004	-30426,800	14,069	945,294	219,724	-299,342	61,218	
14	147	0,000	-30426,800	14,069	945,294	219,724	-299,342	61,218	32 - SHAPE-MASSIVE PR_14
	148	1,004	-30421,300	13,233	873,990	207,010	614,114	47,510	
15	148	0,000	-29719,200	10,508	797,118	206,631	464,049	45,439	33 - SHAPE-MASSIVE PR_15
	149	1,004	-29713,800	9,672	726,519	193,918	1229,060	35,307	
16	149	0,000	-29651,900	10,057	155,947	194,016	1227,060	32,806	34 - SHAPE-MASSIVE PR_16
	150	1,004	-29646,600	9,221	86,119	181,303	1348,600	23,126	
17	150	0,000	-29625,900	9,909	-342,587	181,445	1346,290	21,136	35 - SHAPE-MASSIVE PR_17
	151	1,004	-29620,600	9,073	-411,268	168,732	967,784	11,605	
18	151	0,000	-29906,300	10,048	-523,389	168,850	984,320	10,331	36 - SHAPE-MASSIVE PR_18
	184	0,994	-29900,600	9,220	-597,805	156,264	427,002	0,754	
19	122	0,000	-93,249	10,005	811,065	156,307	0,000	0,052	37 - SHAPE-MASSIVE PR_19
	219	0,400	-90,954	9,672	781,623	151,243	318,538	-3,884	
20	123	0,000	-11108,900	9,169	365,698	143,458	466,488	-11,428	38 - SHAPE-MASSIVE PR_20
	124	1,003	-11104,000	8,334	292,974	130,758	796,850	-20,207	
21	124	0,000	-11104,500	8,334	57,932	130,677	795,331	-20,726	39 - SHAPE-MASSIVE PR_21
	125	1,003	-11100,000	7,499	-13,510	117,982	817,604	-28,665	
22	125	0,000	-11104,000	7,499	73,594	117,104	815,381	-32,061	40 - SHAPE-MASSIVE PR_22
	126	1,001	-11101,300	6,666	3,445	104,431	853,942	-39,151	
23	126	0,000	-11132,900	6,666	67,747	105,042	851,005	-37,480	41 - SHAPE-MASSIVE PR_23
	127	1,002	-11129,300	5,831	-1,213	92,358	884,336	-43,741	
24	127	0,000	-11154,300	5,831	96,906	92,006	879,254	-44,475	42 - SHAPE-MASSIVE PR_24
	128	1,001	-11151,200	4,998	29,216	79,328	942,407	-49,898	
25	128	0,000	-11180,900	4,998	83,133	79,028	935,158	-50,372	43 - SHAPE-MASSIVE PR_25
	129	1,001	-11178,200	4,164	16,709	66,353	985,137	-54,958	
26	129	0,000	-11213,300	4,164	104,374	65,968	975,892	-55,420	44 - SHAPE-MASSIVE PR_26
	130	1,001	-11211,000	3,331	39,128	53,297	1047,700	-59,171	
27	130	0,000	-11254,500	3,331	116,094	52,822	1035,110	-59,595	45 - SHAPE-MASSIVE PR_27
	131	1,001	-11252,700	2,498	52,107	40,156	1119,260	-62,511	
28	131	0,000	-11504,300	2,498	107,085	39,780	1103,820	-62,751	46 - SHAPE-MASSIVE PR_28
	132	1,000	-11302,900	1,665	44,390	27,116	1179,580	-64,833	
29	132	0,000	-11364,100	1,665	156,357	27,116	1162,000	-64,833	47 - SHAPE-MASSIVE PR_29
	133	1,000	-11362,800	0,833	94,854	14,451	1287,650	-66,083	
30	133	0,000	-11437,300	0,833	163,254	12,994	1263,650	-66,384	48 - SHAPE-MASSIVE PR_30
	134	1,000	-11437,100	0,000	103,021	0,334	1396,790	-66,801	

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Prut č.	Uzel č.	Místo x [m]	Síly [kN]			Momenty [kNm]			Průřez
			N	V _y	V _z	M _T	M _y	M _z	
1	1	0,000	-28072,500	24,937	1947,040	384,994	-19565,100	315,820	19 - SHAPE-MASSIVE PR_01
	135	1,004	-28066,300	24,101	1868,190	372,280	-17649,500	291,198	
2	135	0,000	-28066,300	24,101	1868,190	372,280	-17649,500	291,198	20 - SHAPE-MASSIVE PR_02
	136	1,004	-28060,200	23,265	1789,780	359,568	-15812,900	267,416	
3	136	0,000	-28060,200	23,265	1789,780	359,568	-15812,900	267,416	21 - SHAPE-MASSIVE PR_03
	137	1,004	-28054,100	22,429	1711,850	346,854	-14054,700	244,473	
4	137	0,000	-28054,100	22,429	1711,850	346,854	-14054,700	244,473	22 - SHAPE-MASSIVE PR_04
	138	1,004	-28048,100	21,593	1634,840	334,141	-12374,400	222,370	
5	138	0,000	-28048,100	21,593	1634,840	334,141	-12374,400	222,370	23 - SHAPE-MASSIVE PR_05
	139	1,004	-28042,000	20,757	1557,970	321,428	-10771,300	201,106	
6	139	0,000	-28042,000	20,757	1557,970	321,428	-10771,300	201,106	24 - SHAPE-MASSIVE PR_06
	140	1,004	-28036,100	19,921	1481,670	308,715	-9245,080	180,682	
7	140	0,000	-28036,100	19,921	1481,670	308,715	-9245,080	180,682	25 - SHAPE-MASSIVE PR_07
	141	1,004	-28030,200	19,085	1405,920	296,002	-7795,230	161,097	

8	141	0,000	-28030,200	19,085	1405,920	296,002	-7795,230	161,097	26 - SHAPE-MASSIVE PR_08
	142	1,004	-28024,300	18,249	1330,710	283,289	-6421,180	142,352	
9	142	0,000	-28024,300	18,249	1330,710	283,289	-6421,180	142,352	27 - SHAPE-MASSIVE PR_09
	143	1,004	-28018,500	17,413	1256,160	270,576	-5122,320	124,446	
10	143	0,000	-28018,500	17,413	1256,160	270,576	-5122,320	124,446	28 - SHAPE-MASSIVE PR_10
	144	1,004	-28012,800	16,577	1182,260	257,863	-3898,000	107,380	
11	144	0,000	-28012,800	16,577	1182,260	257,863	-3898,000	107,380	29 - SHAPE-MASSIVE PR_11
	145	1,004	-28007,100	15,741	1108,920	245,150	-2747,600	91,153	
12	145	0,000	-28007,100	15,741	1108,920	245,150	-2747,600	91,153	30 - SHAPE-MASSIVE PR_12
	146	1,004	-28001,500	14,905	1036,260	232,437	-1670,520	75,766	
13	146	0,000	-28001,500	14,905	1036,260	232,437	-1670,520	75,766	31 - SHAPE-MASSIVE PR_13
	147	1,004	-27995,900	14,069	964,247	219,724	-666,071	61,218	
14	147	0,000	-27995,900	14,069	964,247	219,724	-666,071	61,218	32 - SHAPE-MASSIVE PR_14
	148	1,004	-27990,400	13,233	892,944	207,010	266,418	47,510	
15	148	0,000	-27289,600	10,508	817,070	206,651	118,821	45,439	33 - SHAPE-MASSIVE PR_15
	149	1,004	-27284,200	9,672	746,472	193,918	903,870	35,307	
16	149	0,000	-27216,700	10,057	218,060	194,016	906,672	32,806	34 - SHAPE-MASSIVE PR_16
	150	1,004	-27211,300	9,221	148,233	181,303	1090,590	23,126	
17	150	0,000	-27183,100	9,909	-248,516	181,445	1097,620	21,136	35 - SHAPE-MASSIVE PR_17
	151	1,004	-27177,800	9,073	-317,198	168,732	813,576	11,605	
18	151	0,000	-27433,700	10,048	-419,386	168,850	839,699	10,331	36 - SHAPE-MASSIVE PR_18
	184	0,994	-27427,900	9,220	-493,802	156,264	385,776	0,754	
19	122	0,000	-93,249	10,005	811,065	156,307	0,000	0,052	37 - SHAPE-MASSIVE PR_19
	219	0,400	-90,954	9,672	781,623	151,243	318,538	-3,884	
20	123	0,000	-10194,900	9,169	396,505	143,458	492,227	-11,428	38 - SHAPE-MASSIVE PR_20
	124	1,003	-10190,000	8,334	323,781	130,758	853,493	-20,207	
21	124	0,000	-10194,800	8,334	107,893	130,677	851,808	-20,726	39 - SHAPE-MASSIVE PR_21
	125	1,003	-10190,300	7,499	36,450	117,982	924,182	-28,665	
22	125	0,000	-10199,800	7,499	116,094	117,104	921,290	-32,061	40 - SHAPE-MASSIVE PR_22
	126	1,001	-10197,100	6,666	45,944	104,431	1002,400	-39,151	
23	126	0,000	-10234,400	6,666	104,534	105,042	998,439	-37,480	41 - SHAPE-MASSIVE PR_23
	127	1,002	-10230,900	5,831	35,575	92,358	1068,630	-43,741	
24	127	0,000	-10264,200	5,831	125,354	92,006	1061,770	-44,475	42 - SHAPE-MASSIVE PR_24
	128	1,001	-10261,200	4,998	57,664	79,328	1153,410	-49,898	
25	128	0,000	-10300,700	4,998	106,875	79,028	1143,800	-50,372	43 - SHAPE-MASSIVE PR_25
	129	1,001	-10298,000	4,164	40,450	66,353	1217,540	-54,958	
26	129	0,000	-10343,500	4,164	120,884	65,968	1205,480	-55,420	44 - SHAPE-MASSIVE PR_26
	130	1,001	-10341,300	3,331	55,638	53,297	1293,820	-59,171	
27	130	0,000	-10395,800	3,331	126,391	52,822	1278,080	-59,595	45 - SHAPE-MASSIVE PR_27
	131	1,001	-10394,100	2,498	62,404	40,156	1372,530	-62,511	
28	131	0,000	-10457,000	2,498	113,013	39,780	1353,730	-62,751	46 - SHAPE-MASSIVE PR_28
	132	1,000	-10455,600	1,665	50,318	27,116	1435,420	-64,833	
29	132	0,000	-10526,600	1,665	153,847	27,116	1414,810	-64,833	47 - SHAPE-MASSIVE PR_29
	133	1,000	-10525,300	0,833	92,344	14,451	1537,950	-66,083	
30	133	0,000	-10607,900	0,833	155,790	12,994	1511,620	-66,384	48 - SHAPE-MASSIVE PR_30
	134	1,000	-10607,700	0,000	95,557	0,334	1637,290	-66,801	

Montážní stavy

Výsledky montážních stavů jsou součástí přílohy P03_01 Statický posudek