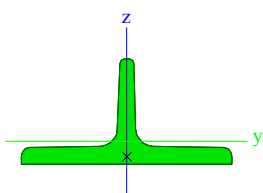


1. Průřezy

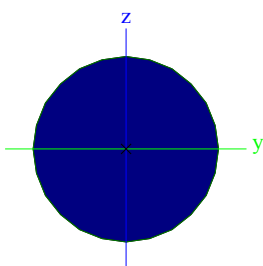
1. HORNÍ PÁS VAZNICE		
Typ	TB60	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	c	c
A [m ²]	1,7000e-03	
Ay [m ²], Az [m ²]	1,2368e-03	6,5600e-04
Iy [m ⁴], Iz [m ⁴]	3,8000e-07	1,3700e-06
Welz [m ³], Wely [m ³]	2,2800e-05	8,0900e-06
Wplz [m ³], Wply [m ³]	3,6136e-05	1,6137e-05
Iw [m ⁶], It [m ⁴]	1,4008e-40	5,8333e-08
dy [mm], dz [mm]	0	-9
cYUSS [mm], cZUSS [mm]	-60	13
Mply+ [Nm], Mply- [Nm]	3,79e+03	3,79e+03
Mplz+ [Nm], Mplz- [Nm]	8,48e+03	8,48e+03
H [mm]	60	
B [mm]	120	
t [mm]	10	
s [mm]	10	
R [mm]	10	
R1 [mm]	5	

Obrázek



3. DIAGONÁLY VAZNICE		
Typ	RD14	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	c	c
A [m ²]	1,5386e-04	
Ay [m ²], Az [m ²]	1,3806e-04	1,3807e-04
Iy [m ⁴], Iz [m ⁴]	1,8462e-09	1,8462e-09
Welz [m ³], Wely [m ³]	2,6375e-07	2,6375e-07
Wplz [m ³], Wply [m ³]	4,5012e-07	4,5012e-07
Iw [m ⁶], It [m ⁴]	2,4402e-24	3,7793e-09
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	0	0
Mply+ [Nm], Mply- [Nm]	1,07e+02	1,07e+02
Mplz+ [Nm], Mplz- [Nm]	1,07e+02	1,07e+02
D [mm]	14	

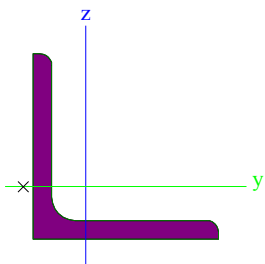
Obrázek



2. DOLNÍ PÁS VAZNICE		
Typ	LNPeq80/8	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	1,2300e-03	
Ay [m ²], Az [m ²]	5,9851e-04	5,9851e-04
Iy [m ⁴], Iz [m ⁴]	7,2218e-07	7,2218e-07
Welz [m ³], Wely [m ³]	1,2600e-05	1,2600e-05
Wplz [m ³], Wply [m ³]	2,2946e-05	2,2946e-05
Iw [m ⁶], It [m ⁴]	1,4294e-40	2,5941e-08
dy [mm], dz [mm]	-27	0
cYUSS [mm], cZUSS [mm]	23	23
Mply+ [Nm], Mply- [Nm]	5,39e+03	5,39e+03
Mplz+ [Nm], Mplz- [Nm]	5,39e+03	5,39e+03

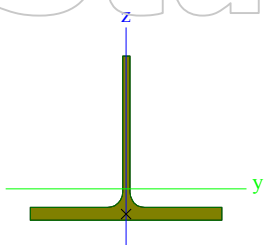
H [mm]	80
B [mm]	80
t [mm]	8
R [mm]	10
R1 [mm]	5

Obrázek



4. HP A DP VAZNÍK		
Typ	WT180x32.0	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	c	c
A [m ²]	4,0824e-03	
Ay [m ²], Az [m ²]	2,6155e-03	1,2964e-03
Iy [m ⁴], Iz [m ⁴]	9,0887e-06	9,4242e-06
Welz [m ³], Wely [m ³]	9,2850e-05	6,4781e-05
Wplz [m ³], Wply [m ³]	1,4227e-04	1,1506e-04
Iw [m ⁶], It [m ⁴]	6,0244e-40	1,9186e-07
dy [mm], dz [mm]	0	-27
cYUSS [mm], cZUSS [mm]	-102	33
Mply+ [Nm], Mply- [Nm]	2,70e+04	2,70e+04
Mplz+ [Nm], Mplz- [Nm]	3,34e+04	3,34e+04
H [mm]	174	
B [mm]	203	
t [mm]	14	
s [mm]	8	
R [mm]	16	

Obrázek



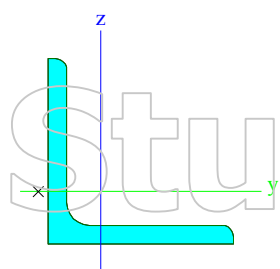
5. DIAGONÁLY VAZNÍK		
Typ	2LX	
Detailní	L90X9; 10	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	3,1044e-03	
Ay [m ²], Az [m ²]	2,1118e-03	2,1118e-03
Iy [m ⁴], Iz [m ⁴]	5,1811e-06	5,1811e-06
Welz [m ³], Wely [m ³]	5,4538e-05	5,4538e-05
Wplz [m ³], Wply [m ³]	9,4314e-05	9,4314e-05
Iw [m ⁶], It [m ⁴]	0,0000e+00	3,1691e-07
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	5	5
Mply+ [Nm], Mply- [Nm]	2,22e+04	2,22e+04
Mplz+ [Nm], Mplz- [Nm]	2,22e+04	2,22e+04

Obrázek

6. DIAGONÁLA VAZNÍK SAMOSTATNĚ

Typ	L90X9	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	1,5500e-03	
Ay [m ²], Az [m ²]	7,5663e-04	7,5663e-04
Iy [m ⁴], Iz [m ⁴]	1,1579e-06	1,1579e-06
Welz [m ³], Wely [m ³]	1,8000e-05	1,8000e-05
Wplz [m ³], Wply [m ³]	3,2691e-05	3,2691e-05
Iw [m ⁶], It [m ⁶]	2,4121e-41	4,3700e-08
dy [mm], dz [mm]	-30	0
cYUSS [mm], cZUSS [mm]	25	25
Mply+ [Nm], Mply- [Nm]	7,68e+03	7,68e+03
Mplz+ [Nm], Mplz- [Nm]	7,68e+03	7,68e+03
H [mm]	90	
B [mm]	90	
t [mm]	9	
R [mm]	11	
R1 [mm]	6	

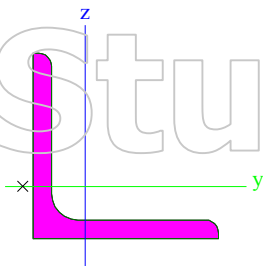
Obrázek



7. SVISLICE VAZNÍK - SAMOSTATNĚ

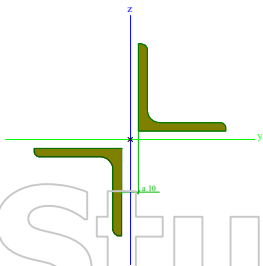
Typ	L50X5	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	4,8000e-04	
Ay [m ²], Az [m ²]	2,3530e-04	2,3530e-04
Iy [m ⁴], Iz [m ⁴]	1,0959e-07	1,0959e-07
Welz [m ³], Wely [m ³]	3,0500e-06	3,0500e-06
Wplz [m ³], Wply [m ³]	5,5829e-06	5,5829e-06
Iw [m ⁶], It [m ⁶]	3,7224e-42	4,1700e-09
dy [mm], dz [mm]	-17	0
cYUSS [mm], cZUSS [mm]	14	14
Mply+ [Nm], Mply- [Nm]	1,31e+03	1,31e+03
Mplz+ [Nm], Mplz- [Nm]	1,31e+03	1,31e+03
H [mm]	50	
B [mm]	50	
t [mm]	5	
R [mm]	7	
R1 [mm]	4	

Obrázek



8. SVISLICE VAZNÍK		
Typ	2LX	
Detailní	L50X5; 10	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m²]	9,6071e-04	
Ay [m²], Az [m²]	7,0781e-04	7,0781e-04
Iy [m⁴], Iz [m⁴]	5,6713e-07	5,6713e-07
Welz [m³], Wely [m³]	1,0311e-05	1,0311e-05
Wplz [m³], Wply [m³]	1,8283e-05	1,8283e-05
Iw [m⁶], It [m⁴]	0,0000e+00	2,6553e-08
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	5	5
Mply+ [Nm], Mply- [Nm]	4,30e+03	4,30e+03
Mplz+ [Nm], Mplz- [Nm]	4,30e+03	4,30e+03

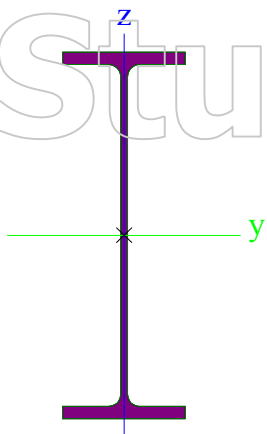
Obrázek



9. SLOUP DŘÍK		
Typ	HEA900	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	a	b
A [m²]	3,2100e-02	
Ay [m²], Az [m²]	1,8115e-02	1,4378e-02
Iy [m⁴], Iz [m⁴]	4,2200e-03	1,3600e-04
Welz [m³], Wely [m³]	9,0300e-04	9,4900e-03
Wplz [m³], Wply [m³]	1,4140e-03	1,0820e-02
Iw [m⁶], It [m⁴]	2,4961e-05	7,3700e-06
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	150	445
Mply+ [Nm], Mply- [Nm]	2,54e+06	2,54e+06
Mplz+ [Nm], Mplz- [Nm]	3,32e+05	3,32e+05
H [mm]	890	
B [mm]	300	
t [mm]	30	
s [mm]	16	
R [mm]	30	
W [mm]	130	

Obrázek

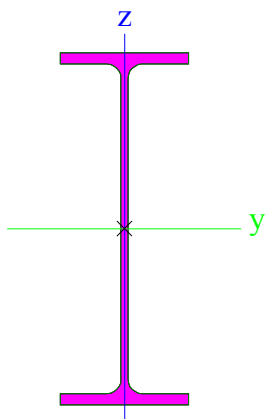
Studentská verze



10. SLOUP ŠPIČKA

Typ	IPE600	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	a	b
A [m²]	1,5600e-02	
Ay [m²], Az [m²]	8,6202e-03	7,2722e-03
Iy [m⁴], Iz [m⁴]	9,2080e-04	3,3870e-05
Welz [m³], Wely [m³]	3,0800e-04	3,0700e-03
Wplz [m³], Wply [m³]	4,8600e-04	3,5120e-03
Iw [m⁶], It [m⁴]	2,8460e-06	1,6500e-06
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	110	300
Mply+ [Nm], Mply- [Nm]	8,26e+05	8,26e+05
Mplz+ [Nm], Mplz- [Nm]	1,14e+05	1,14e+05
H [mm]	600	
B [mm]	220	
t [mm]	19	
s [mm]	12	
R [mm]	24	
W [mm]	116	

Obrázek



11. HN JEŘÁBOVÉ DRÁHY

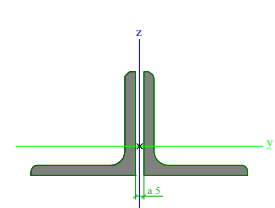
Typ	I ng	
Detailní	1200; 300; 300; 25; 25; 16	
Materiál	S 235	
Výroba	obecný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m²]		3,3400e-02
Ay [m²], Az [m²]		1,3913e-02
Iy [m⁴], Iz [m⁴]		7,2060e-03
Welz [m³], Wely [m³]		7,5262e-04
Wplz [m³], Wply [m³]		1,1986e-03
Iw [m⁶], It [m⁴]		3,8812e-05
dy [mm], dz [mm]		0
cYUSS [mm], cZUSS [mm]	150	600
Mply+ [Nm], Mpiy- [Nm]	3,31e+06	3,31e+06
Mplz+ [Nm], Mplz- [Nm]	2,82e+05	2,82e+05

Obrázek



12. ZTUŽIDLO STĚNA DOLNÍ		
Typ	2LT n	
Detailní	L60X6; 5	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m²]	1,3820e-03	
Ay [m²], Az [m²]	8,3576e-04	6,7569e-04
Iy [m⁴], Iz [m⁴]	4,5564e-07	9,7413e-07
Welz [m³], Wely [m³]	1,5586e-05	1,0564e-05
Wplz [m³], Wply [m³]	2,6768e-05	1,9325e-05
Iw [m⁶], It [m⁴]	0,0000e+00	8,4796e-08
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	3	17
Mply+ [Nm], Mply- [Nm]	4,54e+03	4,54e+03
Mplz+ [Nm], Mplz- [Nm]	6,29e+03	6,29e+03

Obrázek



13. ZTUŽIDLO STĚNA HORNÍ		
Typ	2LT n	
Detailní	RSEA50/50/5; 5	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m²]	9,6638e-04	
Ay [m²], Az [m²]	4,7009e-04	4,7246e-04
Iy [m⁴], Iz [m⁴]	2,2293e-07	4,8936e-07
Welz [m³], Wely [m³]	9,3212e-06	6,2104e-06
Wplz [m³], Wply [m³]	1,6046e-05	1,1293e-05
Iw [m⁶], It [m⁴]	0,0000e+00	4,0547e-08
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	3	14
Mply+ [Nm], Mply- [Nm]	2,65e+03	2,65e+03
Mplz+ [Nm], Mplz- [Nm]	3,77e+03	3,77e+03

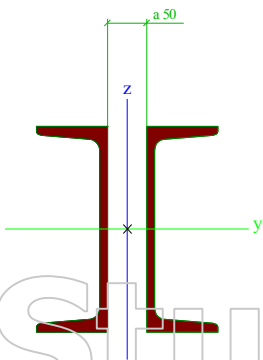
Obrázek



14. KOTVNÍ PŘÍČNÍK

Typ	2Uo	
Detailní	U260; 50	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	9,7870e-03	
Ay [m ²], Az [m ²]	1,6948e-02	5,1632e-03
Iy [m ⁴], Iz [m ⁴]	9,8231e-05	3,0010e-05
Welz [m ³], Wely [m ³]	2,6096e-04	7,5562e-04
Wplz [m ³], Wply [m ³]	4,7970e-04	8,9991e-04
Iw [m ⁶], It [m ⁶]	0,0000e+00	2,2331e-06
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	25	-130
Mply+ [Nm], Mply- [Nm]	2,11e+05	2,11e+05
Mplz+ [Nm], Mplz- [Nm]	1,13e+05	1,13e+05

Obrázek



15. KOTVNÍ PŘÍČNÍK - SAMOSTATNĚ

Typ	U260	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	c	c
A [m ²]	4,8300e-03	
Ay [m ²], Az [m ²]	2,4565e-03	2,5786e-03
Iy [m ⁴], Iz [m ⁴]	4,8200e-05	3,1700e-06
Welz [m ³], Wely [m ³]	4,7700e-05	3,7100e-04
Wplz [m ³], Wply [m ³]	9,1886e-05	4,4200e-04
Iw [m ⁶], It [m ⁶]	3,8345e-08	2,5500e-07
dy [mm], dz [mm]	-53	0
cYUSS [mm], cZUSS [mm]	24	130
Mply+ [Nm], Mply- [Nm]	1,04e+05	1,04e+05
Mplz+ [Nm], Mplz- [Nm]	2,16e+04	2,16e+04
H [mm]	260	
B [mm]	90	
t [mm]	14	
s [mm]	10	
R [mm]	14	
R1 [mm]	7	

Obrázek



16. PÁS VVN

Typ	2LT	
Detailní	RSEA90/90/8; 5	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	2,7848e-03	
Ay [m ²], Az [m ²]	1,6622e-03	1,3583e-03
Iy [m ⁴], Iz [m ⁴]	2,1005e-06	4,2075e-06
Welz [m ³], Wely [m ³]	4,5486e-05	3,2319e-05
Wplz [m ³], Wply [m ³]	7,6599e-05	5,8849e-05
Iw [m ⁶], It [m ⁴]	0,0000e+00	3,1970e-07
dy [mm], dz [mm]	0	0
cYUSS [mm], cZUSS [mm]	-2	25
Mply+ [Nm], Mply- [Nm]	1,38e+04	1,38e+04
Mplz+ [Nm], Mplz- [Nm]	1,80e+04	1,80e+04

Obrázek



17. PÁS VVN - SAMOSTATNĚ

Typ	RSEA90/90/8	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	1,3900e-03	
Ay [m ²], Az [m ²]	6,7914e-04	6,7914e-04
Iy [m ⁴], Iz [m ⁴]	1,0503e-06	1,0503e-06
Welz [m ³], Wely [m ³]	1,6200e-05	1,6200e-05
Wplz [m ³], Wply [m ³]	2,9425e-05	2,9425e-05
Iw [m ⁶], It [m ⁴]	8,6266e-41	2,9355e-08
dy [mm], dz [mm]	-30	0
cYUSS [mm], cZUSS [mm]	25	25
Mply+ [Nm], Mply- [Nm]	6,91e+03	6,91e+03
Mplz+ [Nm], Mplz- [Nm]	6,91e+03	6,91e+03
H [mm]	90	
B [mm]	90	
t [mm]	8	
R [mm]	11	
R1 [mm]	5	

Obrázek





18. DIAGONÁLA VVN		
Typ	L120X12	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	2,7500e-03	
Ay [m ²], Az [m ²]	1,3379e-03	1,3379e-03
Iy [m ⁴], Iz [m ⁴]	3,6756e-06	3,6756e-06
Welz [m ³], Wely [m ³]	4,2700e-05	4,2700e-05
Wplz [m ³], Wply [m ³]	7,7710e-05	7,7710e-05
Iw [m ⁶], It [m ⁴]	6,8611e-40	1,3800e-07
dy [mm], dz [mm]	-40	0
cYUSS [mm], cZUSS [mm]	34	34
Mply+ [Nm], Mply- [Nm]	1,83e+04	1,83e+04
Mplz+ [Nm], Mplz- [Nm]	1,83e+04	1,83e+04
H [mm]	120	
B [mm]	120	
t [mm]	12	
R [mm]	13	
R1 [mm]	7	

Obrázek



19. SVISLICE VVN		
Typ	L80X8	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	1,2300e-03	
Ay [m ²], Az [m ²]	5,9851e-04	5,9851e-04
Iy [m ⁴], Iz [m ⁴]	7,2218e-07	7,2218e-07
Welz [m ³], Wely [m ³]	1,2600e-05	1,2600e-05
Wplz [m ³], Wply [m ³]	2,2946e-05	2,2946e-05
Iw [m ⁶], It [m ⁴]	1,4294e-40	2,7300e-08
dy [mm], dz [mm]	-27	0
cYUSS [mm], cZUSS [mm]	23	23
Mply+ [Nm], Mply- [Nm]	5,39e+03	5,39e+03
Mplz+ [Nm], Mplz- [Nm]	5,39e+03	5,39e+03
H [mm]	80	
B [mm]	80	
t [mm]	8	
R [mm]	10	
R1 [mm]	5	

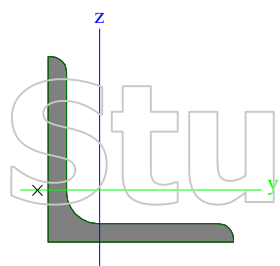
Obrázek





20. VVN SIKMICE		
Typ	L30X3	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	b	b
A [m ²]	1,7400e-04	
Ay [m ²], Az [m ²]	8,5777e-05	8,5777e-05
Iy [m ⁴], Iz [m ⁴]	1,4038e-08	1,4038e-08
Welz [m ³], Wely [m ³]	6,5000e-07	6,5000e-07
Wplz [m ³], Wply [m ³]	1,1977e-06	1,1977e-06
Iw [m ⁶], It [m ⁴]	1,6751e-43	5,4000e-10
dy [mm], dz [mm]	-10	0
cYUSS [mm], cZUSS [mm]	8	8
Mply+ [Nm], Mply- [Nm]	2,81e+02	2,81e+02
Mplz+ [Nm], Mplz- [Nm]	2,81e+02	2,81e+02
H [mm]	30	
B [mm]	30	
t [mm]	3	
R [mm]	5	
R1 [mm]	3	

Obrázek



4A. HP A DP VAZNÍK		
Typ	WT180X45.5	
Materiál	S 235	
Výroba	válcovaný	
Vzpěr y-y, Vzpěr z-z	c	c
A [m ²]	5,7800e-03	
Ay [m ²], Az [m ²]	3,8853e-03	1,6336e-03
Iy [m ⁴], Iz [m ⁴]	1,2000e-05	2,2400e-05
Welz [m ³], Wely [m ³]	1,7600e-04	8,3200e-05
Wplz [m ³], Wply [m ³]	2,6892e-04	1,4908e-04
Iw [m ⁶], It [m ⁴]	3,2338e-39	4,5500e-07
dy [mm], dz [mm]	0	-23
cYUSS [mm], cZUSS [mm]	-127	31
Mply+ [Nm], Mply- [Nm]	3,50e+04	3,50e+04
Mplz+ [Nm], Mplz- [Nm]	6,32e+04	6,32e+04
H [mm]	176	
B [mm]	254	
t [mm]	16	
s [mm]	10	
R [mm]	15	

Obrázek

