

**RD10**

1914	1	RD10	941	S355JR	0.6	1148.4	
1914	218	RD10	941	S355JR	0.6	1148.4	
3828	<u>TOTAL</u>	<u>TOTAL</u>	3 602 148			2 296.80	

**RO48.3X2.6**

508	2	RO48.3X2.6	100	S355JR	0.3	148.9	
12	24	RO48.3X2.6	150	S355JR	0.4	5.3	
520	<u>TOTAL</u>	<u>TOTAL</u>	52 600			154.1	

**T120**

320	3	T120	2 303	S355JR	53.4	17 098.40	
40	9	T120	2 346	S355JR	54.4	2 176.80	
40	10	T120	2 330	S355JR	54.1	2 162.20	
40	11	T120	2 322	S355JR	53.9	2 154.40	
20	13	T120	2 330	S355JR	54.1	1 081.10	
20	14	T120	2 303	S355JR	53.4	1 068.40	
20	15	T120	1 903	S355JR	44.1	882.8	
18	16	T120	2 330	S355JR	54.1	973	
2	127	T120	2 330	S355JR	54.1	108.1	
520	<u>TOTAL</u>	<u>TOTAL</u>	1 194 196			27 705.30	

**RHS40x20x2.5**

236	4	RHS40x20x2.5	2 495	S355JR	5.1	1 195.20	
36	12	RHS40x20x2.5	2 490	S355JR	5.1	182	
8	27	RHS40x20x2.5	1 804	S355JR	3.7	29.3	

Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
4	35	RHS40x20x2.5	2 495	S355JR	5.1	20.3	
4	36	RHS40x20x2.5	2 490	S355JR	5.1	20.2	
288	<u>TOTAL</u>	<u>TOTAL</u>	712 778			1 446.90	

#### RHSØ42.4x2.6

144	5	RHSØ42.4x2.6	5 006	S355JR	12.8	1 839.70	
24	18	RHSØ42.4x2.6	5 356	S355JR	13.7	328.1	
12	19	RHSØ42.4x2.6	5 206	S355JR	13.3	159.4	
12	20	RHSØ42.4x2.6	5 023	S355JR	12.8	153.8	
12	21	RHSØ42.4x2.6	5 000	S355JR	12.8	153.1	
12	22	RHSØ42.4x2.6	4 976	S355JR	12.7	152.4	
12	23	RHSØ42.4x2.6	4 516	S355JR	11.5	138.3	
228	<u>TOTAL</u>	<u>TOTAL</u>	1 146 111			2 924.80	

#### 2 x UPN260

20	6	2 x UPN260	2 043	S355JR	154.9	3 097.20	
14	223	2 x UPN260	2 043	S355JR	154.9	2 168.10	
12	224	2 x UPN260	2 043	S355JR	154.9	1 858.30	
6	225	2 x UPN260	2 043	S355JR	154.9	929.2	
6	226	2 x UPN260	2 043	S355JR	154.9	929.2	
4	227	2 x UPN260	2 043	S355JR	154.9	619.4	
6	229	2 x UPN260	2 043	S355JR	154.9	929.2	
68	<u>TOTAL</u>	<u>TOTAL</u>	138 926			10 530.60	

#### RD25

48	7	RD25	600	S355JR	2.3	111	
48	<u>TOTAL</u>	<u>TOTAL</u>	28 800			111	

#### 2 x UPN200

12	17	2 x UPN200	2 042	S355JR	103.3	1 240.20	
12	<u>TOTAL</u>	<u>TOTAL</u>	24 509			1 240.20	

#### I+H IPN280

Počet	Položka	Popis	Dĺžka (mm)	Trieda	Váha prvku (kg)	Váha spolu (kg)	Poznámka
8	25	I+H IPN280	2 043	S355JR	189.9	1 518.90	
8	<u>TOTAL</u>	<u>TOTAL</u>	16 346			1 518.90	

#### RHSØ168.3x5

8	28	RHSØ168.3x5	4 024	S355JR	81	648.3	
4	37	RHSØ168.3x5	4 629	S355JR	93.2	372.8	
4	38	RHSØ168.3x5	4 629	S355JR	93.2	372.8	
2	111	RHSØ168.3x5	4 627	S355JR	93.2	186.3	
2	112	RHSØ168.3x5	4 627	S355JR	93.2	186.3	
2	113	RHSØ168.3x5	4 619	S355JR	93	186	
2	219	RHSØ168.3x5	4 619	S355JR	93	186	
24	<u>TOTAL</u>	<u>TOTAL</u>	106 211			2 138.70	

#### RD280

4	29	RD280	782	S355JR	378.1	1 512.50	
4	30	RD280	752	S355JR	363.6	1 454.40	
8	<u>TOTAL</u>	<u>TOTAL</u>	6 138			2 966.90	

#### RHSØ244.5x12.5

4	39	RHSØ244.5x12.5	9 992	S355JR	714.6	2 858.60	
4	40	RHSØ244.5x12.5	9 983	S355JR	714	2 855.90	
2	117	RHSØ244.5x12.5	34 343	S355JR	2 456.20	4 912.30	
2	118	RHSØ244.5x12.5	34 333	S355JR	2 455.50	4 910.90	
2	119	RHSØ244.5x12.5	9 988	S355JR	714.3	1 428.70	
2	120	RHSØ244.5x12.5	321	S355JR	23	45.9	
2	121	RHSØ244.5x12.5	312	S355JR	22.3	44.7	
2	135	RHSØ244.5x12.5	9 988	S355JR	714.3	1 428.70	
20	<u>TOTAL</u>	<u>TOTAL</u>	258 474			18 485.60	

#### RHSØ355.6x16

4	41	RHSØ355.6x16	9 968	S355JR	1 335.70	5 342.90	
2	122	RHSØ355.6x16	34 684	S355JR	4 647.70	9 295.40	

Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
2	123	RHSØ355.6x16	8 168	S355JR	1 094.50	2 189	
8	<u>TOTAL</u>	<u>TOTAL</u>	125 576			16 827.30	

#### UPN 260

2	42	UPN 260	2 197	S355JR	83.3	166.6	
4	43	UPN 260	2 197	S355JR	83.3	333.1	
2	128	UPN 260	2 197	S355JR	83.3	166.6	
2	129	UPN 260	2 197	S355JR	83.3	166.6	
2	130	UPN 260	2 197	S355JR	83.3	166.6	
2	131	UPN 260	2 197	S355JR	83.3	166.6	
2	151	UPN 260	2 197	S355JR	83.3	166.6	
16	<u>TOTAL</u>	<u>TOTAL</u>	35 158			1 332.50	

#### RHSØ168.3x10

2	45	RHSØ168.3x10	4 617	S355JR	180.2	360.5	
2	46	RHSØ168.3x10	4 617	S355JR	180.2	360.5	
2	47	RHSØ168.3x10	4 450	S355JR	173.7	347.5	
2	48	RHSØ168.3x10	4 450	S355JR	173.7	347.5	
2	49	RHSØ168.3x10	4 448	S355JR	173.6	347.3	
2	50	RHSØ168.3x10	4 448	S355JR	173.6	347.3	
2	51	RHSØ168.3x10	4 267	S355JR	166.6	333.2	
2	52	RHSØ168.3x10	4 267	S355JR	166.6	333.2	
2	53	RHSØ168.3x10	4 255	S355JR	166.1	332.2	
2	54	RHSØ168.3x10	4 255	S355JR	166.1	332.2	
2	55	RHSØ168.3x10	4 093	S355JR	159.8	319.6	
2	56	RHSØ168.3x10	4 095	S355JR	159.9	319.7	
2	57	RHSØ168.3x10	4 093	S355JR	159.8	319.6	
2	58	RHSØ168.3x10	4 095	S355JR	159.9	319.7	
2	59	RHSØ168.3x10	3 926	S355JR	153.3	306.6	
2	60	RHSØ168.3x10	3 926	S355JR	153.3	306.6	

Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
2	61	RHSØ168.3x10	3 915	S355JR	152.8	305.7	
2	62	RHSØ168.3x10	3 915	S355JR	152.8	305.7	
2	63	RHSØ168.3x10	3 912	S355JR	152.7	305.4	
2	64	RHSØ168.3x10	3 912	S355JR	152.7	305.4	
2	65	RHSØ168.3x10	3 772	S355JR	147.2	294.5	
2	66	RHSØ168.3x10	3 772	S355JR	147.2	294.5	
2	67	RHSØ168.3x10	3 767	S355JR	147.1	294.1	
2	68	RHSØ168.3x10	3 767	S355JR	147.1	294.1	
2	69	RHSØ168.3x10	3 699	S355JR	144.4	288.8	
2	70	RHSØ168.3x10	3 699	S355JR	144.4	288.8	
2	71	RHSØ168.3x10	3 623	S355JR	141.4	282.9	
2	72	RHSØ168.3x10	3 623	S355JR	141.4	282.9	
2	73	RHSØ168.3x10	3 624	S355JR	141.5	282.9	
2	74	RHSØ168.3x10	3 624	S355JR	141.5	282.9	
2	75	RHSØ168.3x10	3 488	S355JR	136.2	272.3	
2	76	RHSØ168.3x10	3 488	S355JR	136.2	272.3	
2	77	RHSØ168.3x10	3 488	S355JR	136.2	272.3	
2	78	RHSØ168.3x10	3 488	S355JR	136.2	272.3	
2	79	RHSØ168.3x10	3 483	S355JR	136	271.9	
2	80	RHSØ168.3x10	3 483	S355JR	136	271.9	
2	81	RHSØ168.3x10	3 360	S355JR	131.2	262.3	
2	82	RHSØ168.3x10	3 359	S355JR	131.1	262.3	
2	83	RHSØ168.3x10	3 360	S355JR	131.2	262.3	
2	84	RHSØ168.3x10	3 359	S355JR	131.1	262.3	
2	85	RHSØ168.3x10	3 281	S355JR	128.1	256.2	
2	86	RHSØ168.3x10	3 281	S355JR	128.1	256.2	
2	87	RHSØ168.3x10	3 256	S355JR	127.1	254.2	
2	88	RHSØ168.3x10	3 256	S355JR	127.1	254.2	
2	89	RHSØ168.3x10	3 250	S355JR	126.9	253.8	

Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
2	90	RHSØ168.3x10	3 250	S355JR	126.9	253.8	
2	91	RHSØ168.3x10	3 095	S355JR	120.8	241.6	
2	92	RHSØ168.3x10	3 095	S355JR	120.8	241.6	
2	93	RHSØ168.3x10	3 084	S355JR	120.4	240.8	
2	94	RHSØ168.3x10	3 084	S355JR	120.4	240.8	
2	95	RHSØ168.3x10	3 080	S355JR	120.2	240.5	
2	96	RHSØ168.3x10	3 080	S355JR	120.2	240.5	
2	97	RHSØ168.3x10	2 886	S355JR	112.7	225.4	
2	98	RHSØ168.3x10	2 886	S355JR	112.7	225.4	
2	99	RHSØ168.3x10	2 702	S355JR	105.5	210.9	
2	100	RHSØ168.3x10	2 702	S355JR	105.5	210.9	
2	101	RHSØ168.3x10	2 526	S355JR	98.6	197.3	
2	102	RHSØ168.3x10	2 526	S355JR	98.6	197.3	
2	103	RHSØ168.3x10	2 364	S355JR	92.3	184.5	
2	104	RHSØ168.3x10	2 364	S355JR	92.3	184.5	
2	105	RHSØ168.3x10	2 216	S355JR	86.5	173	
2	106	RHSØ168.3x10	2 216	S355JR	86.5	173	
2	107	RHSØ168.3x10	2 148	S355JR	83.9	167.7	
2	108	RHSØ168.3x10	2 148	S355JR	83.9	167.7	
2	109	RHSØ168.3x10	2 085	S355JR	81.4	162.8	
2	110	RHSØ168.3x10	2 085	S355JR	81.4	162.8	
132	<u>TOTAL</u>	<u>TOTAL</u>	454 455			17 741.50	

#### **RHSØ193.7x16**

2	115	RHSØ193.7x16	2 491	S355JR	174.6	349.3	
2	116	RHSØ193.7x16	2 491	S355JR	174.6	349.3	
4	<u>TOTAL</u>	<u>TOTAL</u>	9 962			698.5	

#### **RHSØ457x10**

2	124	RHSØ457x10	18 721	S355JR	2 063.70	4 127.50	
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Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
2	<u>TOTAL</u>	<u>TOTAL</u>	37 442			4 127.50	
<b>RO914x25</b>							
4	126	RO914x25	21 870	S355JR	11 987.10	47 948.40	
4	<u>TOTAL</u>	<u>TOTAL</u>	87 481			47 948.40	
<b>UPN 380</b>							
2	132	UPN 380	2 343	S355JR	147.9	295.7	
2	133	UPN 380	2 343	S355JR	147.9	295.7	
4	<u>TOTAL</u>	<u>TOTAL</u>	9 373			591.4	
<b>UPN 200</b>							
2	137	UPN 200	4 391	S355JR	111.1	222.2	
2	142	UPN 200	2 197	S355JR	55.6	111.2	
2	143	UPN 200	2 197	S355JR	55.6	111.2	
2	144	UPN 200	2 197	S355JR	55.6	111.2	
2	145	UPN 200	2 197	S355JR	55.6	111.2	
2	148	UPN 200	2 065	S355JR	52.2	104.5	
2	149	UPN 200	2 065	S355JR	52.2	104.5	
14	<u>TOTAL</u>	<u>TOTAL</u>	34 619			875.9	
<b>PL 8</b>							
42	8	PL 8x4086.21x2503.12	2 503	S355JR	642.3	26 978	
8	26	PL 8x4092.99x2500	2 500	S355JR	642.6	5 140.80	
616	153	PL 8x40x44.59	45	S355JR	0.1	68.4	
666	<u>TOTAL</u>	<u>TOTAL</u>				38 932.20	
<b>PL 65</b>							
8	44	PL 65x467.75x660	660	S355JR	78.8	630.1	
8	114	PL 65x467.75x660	660	S355	78.8	630.1	
4	187	PL 65x308.93x739.02	739	S355JR	63.2	252.9	
4	188	PL 65x363.14x887.65	888	S355JR	109.1	436.2	
4	189	PL 65x338.96x627.79	628	S355JR	62.9	251.8	

Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
2	190	PL 65x359.29x478.81	479	S355JR	55.5	111.1	
2	191	PL 65x370.95x409.45	409	S355JR	55.5	111.1	
4	192	PL 65x433.43x1119.29	1 119	S355JR	141.5	566.2	
4	193	PL 65x404.02x518.56	519	S355JR	78.5	313.9	
4	194	PL 65x417.67x422.01	422	S355JR	63.2	252.7	
2	220	PL 65x359.29x478.81	479	S235JR	55.5	111.1	
2	221	PL 65x370.95x409.45	409	S235JR	55.5	111.1	
48	<u>TOTAL</u>	<u>TOTAL</u>				3 778.20	

#### PL 25

80	125	PL 25x203x400	400	S355JR	9.4	749.4	
80	<u>TOTAL</u>	<u>TOTAL</u>				749.4	

#### PL 50

4	134	PL 50x1320x1320	1 320	S355JR	536.3	2 145.10	
4	<u>TOTAL</u>	<u>TOTAL</u>				2 145.10	

#### PL 10

16	152	PL 10x492.6x1000	1 000	S355JR	38.7	618.9	
880	154	PL 10x80x220	220	S355JR	1.4	1 215.80	
2	155	PL 10x4086.25x2094.67	2 095	S355JR	671.9	1 343.80	
92	158	PL 10x169.98x179.99	180	S355JR	2.4	220.9	
60	161	PL 10x169.98x179.99	180	S355JR	2.4	144.1	
44	162	PL 10x279.38x1356.28	1 356	S355JR	21.2	933.9	
44	163	PL 10x279.38x1356.28	1 356	S355JR	21.2	933.9	
28	165	PL 10x244.5x244.5	245	S355JR	3.7	102.5	
22	166	PL 10x279.38x1267.63	1 268	S355JR	20.6	452.9	
38	167	PL 10x279.38x1267.63	1 268	S355JR	20.6	782.4	
24	168	PL 10x281.87x1355.19	1 355	S355JR	21.4	513.5	
160	169	PL 10x80x206.5	207	S355JR	1.3	207.5	
8	172	PL 10x169.98x179.99	180	S355JR	2.4	19.2	



Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
6	173	PL 10x394.5x394.5	395	S355JR	9.3	55.6	
4	174	PL 10x169.98x179.99	180	S355JR	2.4	9.6	
4	175	PL 10x169.98x179.99	180	S355JR	2.4	9.6	
4	176	PL 10x84.99x179.99	180	S355JR	1.2	4.8	
4	177	PL 10x914x914	914	S355JR	51.4	205.7	
2	195	PL 10x355.6x355.6	356	S355JR	7.7	15.5	
2	196	PL 10x394.5x394.5	395	S355JR	9.3	18.5	
2	197	PL 10x84.99x179.99	180	S355JR	1.2	2.4	
2	198	PL 10x84.99x179.99	180	S355JR	1.2	2.4	
1448	<u>TOTAL</u>	<u>TOTAL</u>				7 813.50	

#### PL 16

140	156	PL 16x70x200	200	S355JR	1.2	174.2	
14	170	PL 16x495.6x495.6	496	S355JR	24.2	338.7	
154	<u>TOTAL</u>	<u>TOTAL</u>				512.9	

#### PL 12

100	157	PL 12x77.67x2500	2 500	S355JR	18.3	1 829.20	
64	160	PL 12x179.99x2503.12	2 503	S355JR	42.4	2 716.10	
10	171	PL 12x179.99x2500	2 500	S355JR	42.4	423.9	
4	178	PL 12x179.99x1812.67	1 813	S355JR	30.7	122.9	
4	179	PL 12x179.99x2503.12	2 503	S355JR	42.3	169.1	
4	180	PL 12x179.99x2503.12	2 503	S355JR	42.2	168.9	
4	181	PL 12x179.99x2503.12	2 503	S355JR	42.2	168.9	
4	182	PL 12x179.99x2503.12	2 503	S355JR	42.3	169.1	
4	183	PL 12x302x349.22	349	S355JR	7.5	30.1	
4	184	PL 12x75.67x1802.67	1 803	S355JR	12.9	51.4	
4	185	PL 12x77.67x278.5	279	S355JR	2	7.9	
2	199	PL 12x179.99x2500	2 500	S355JR	42.4	84.8	
2	200	PL 12x179.99x2500	2 500	S355JR	42.4	84.8	

Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
2	201	PL 12x179.99x2500	2 500	S355JR	42.4	84.8	
2	202	PL 12x179.99x2501.57	2 502	S355JR	42.4	84.7	
2	203	PL 12x179.99x2501.57	2 502	S355JR	42.4	84.7	
216	<u>TOTAL</u>	<u>TOTAL</u>				6 281.10	
<b>PL 15</b>							
80	159	PL 15x94.1x227.34	227	S355JR	1.6	132	
80	<u>TOTAL</u>	<u>TOTAL</u>				132	
<b>PL 13</b>							
44	164	PL 12.5x70x200	200	S355JR	0.9	40.2	
44	<u>TOTAL</u>	<u>TOTAL</u>				40.2	
<b>PL 2</b>							
4	186	PL 2x90x2043.02	2 043	S355JR	2.9	11.5	
4	<u>TOTAL</u>	<u>TOTAL</u>				11.5	
<b>Laná</b>							
4	31	ocel'. laná priemer 80mm Z-drôty	51 057	Y1570	1 993.70	7 974.80	
4	32	ocel'. laná priemer 80mm Z-drôty	32 885	Y1570	1 269.30	5 077	
2	33.1	ocel'. laná priemer 80mm Z-drôty	29 351	Y1570	1 137.20	2 274.50	
2	33.2	ocel'. laná priemer 80mm Z-drôty	27 248	Y1570	1 055.72	2 111.44	
4	34	ocel'. laná priemer 80mm Z-drôty	19 921	Y1570	765.2	3 060.60	
16	<u>TOTAL</u>	<u>TOTAL</u>				20 498.34	
<b>Skrutky</b>							
2528		Hexagon nut ISO 4032 - M16 - 10		10	0	83.9	
5056		washer EN ISO 7089 - 16 - 300 HV		300 HV	0	57.1	
2504		Hexagon bolt ISO 4017 - M16 x 50 - 10.9	50	10.9	0.1	257.9	
256		Hexagon nut ISO 4032 - M24 - 10		10	0.1	27.9	
512		washer EN ISO 7089 - 24 - 300 HV		300 HV	0	16.5	
88		Hexagon bolt ISO 4017 - M24 x 60 - 10.9	60	10.9	0.3	26.8	
60		Hexagon bolt ISO 4017 - M24 x 70 - 10.9	70	10.9	0.3	20	
64		Hexagon bolt ISO 4017 - M24 x 55 - 10.9	55	10.9	0.3	18.5	

Počet	Položka	Popis	Dĺžka	Trieda	Váha prvku	Váha spolu	Poznámka
			(mm)		(kg)	(kg)	
44		Hexagon bolt ISO 4017 - M24 x 50 - 10.9	50	10.9	0.3	12.1	
26		Hexagon nut ISO 4032 - M20 - 10		10	0.1	1.7	
52		washer EN ISO 7089 - 20 - 300 HV		300 HV	0	0.9	
20		Hexagon bolt ISO 4017 - M20 x 50 - 10.9	50	10.9	0.2	3.6	
6		Hexagon bolt ISO 4017 - M20 x 40 - 10.9	40	10.9	0.2	0.9	
616		Hexagon nut ISO 4032 - M10 - 10		10	0	6.9	
1192		washer EN ISO 7089 - 10 - 300 HV		300 HV	0	4.9	
576		Hexagon bolt ISO 4017 - M10 x 45 - 10.9	45	10.9	0	20.6	
24		Hexagon bolt ISO 4017 - M16 x 35 - 10.9	35	10.9	0.1	2	
20		Hexagon bolt ISO 4017 - M10 x 25 - 10.9	25	10.9	0	0.5	
13624	<u>TOTAL</u>	<u>TOTAL</u>				562.7	

### Kotvy

240	217	M16x146	146	1.4529	0	0	
40		Flat anchor M30 - 100 x 100 x 6		S355JR	0.4	17.6	
40		M30 Plain Washer - 8.8		8.8	0.1	2	
40		M30 Hexagonal Nut - GR8		GR8	0.2	8.4	
40		M30 x 600 HD BOLT	600	8.8	3.5	140.8	
368	<u>TOTAL</u>	<u>TOTAL</u>				168.8	