Nesting report

Test Model | JOB-20261119-081919 | Revision R0

Case

Multiple profiles: 1/2IPE240, 1/2IPE360, D16, D3, D56, HEA160, HEA180, HEA200, HEA240, HEA300, HEA340, HEA400, HEA500, HEA600, HEB240, HEB340, HEB400, HEB500, IPE180, IPE240, IPE360, L150*10, L50*6, L70*7, L80*8, L90*9, PIPE1-1/2SCH40, ROD20, UPN100, UPN160, UPN80

Mode	1D profile bars
Generated	2026-11-19T08:19 +00:00
Run status	Completed
Currency	USD (USD)

Summary

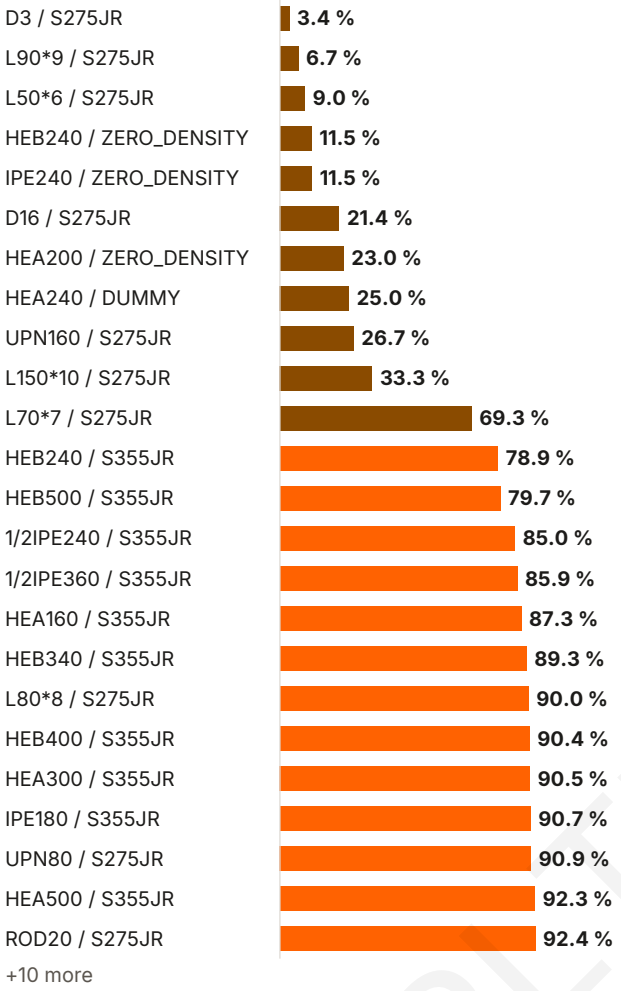
Bars to buy	Parts placed	Utilisation	Waste
355	**2578 / 2578**	**94.2 %**	**0.3 %**

Cuts	Remnants created	Purchase total
2578	**172**	**USD285,386.16**

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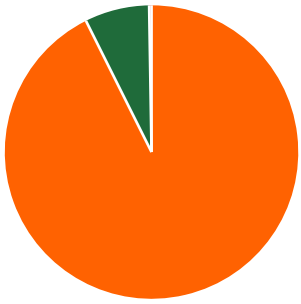
Analytics

Utilisation per group (worst first)



+10 more

Material split by weight



Used in parts
254,183.1 kg (92.6 %)

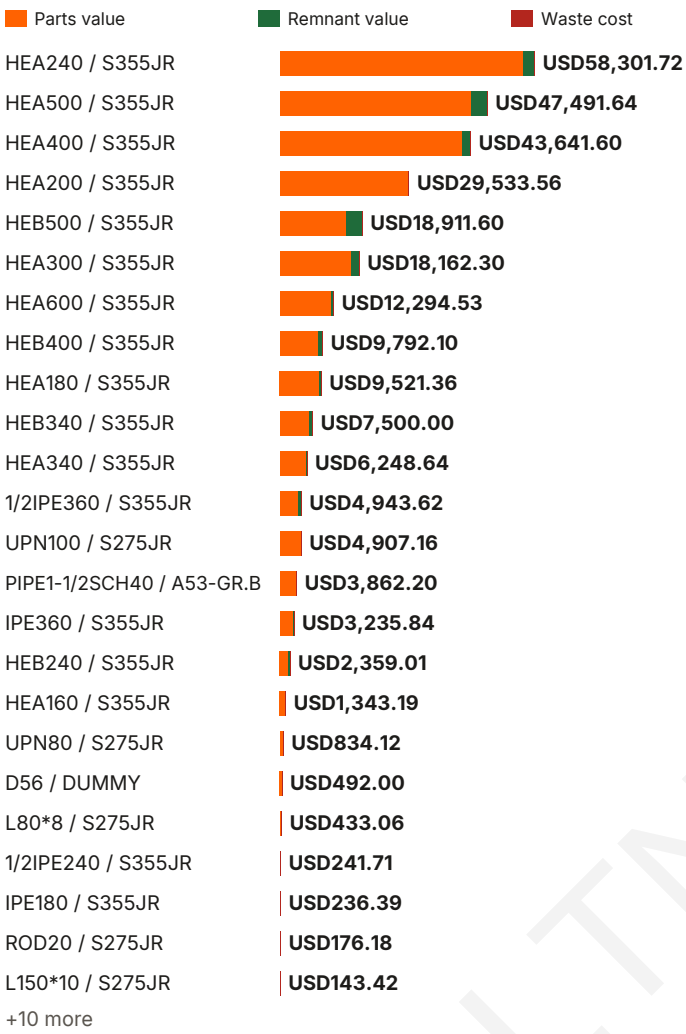
Remnants kept
19,533.4 kg (7.1 %)

Waste (scrap and kerf)
714.7 kg (0.3 %)

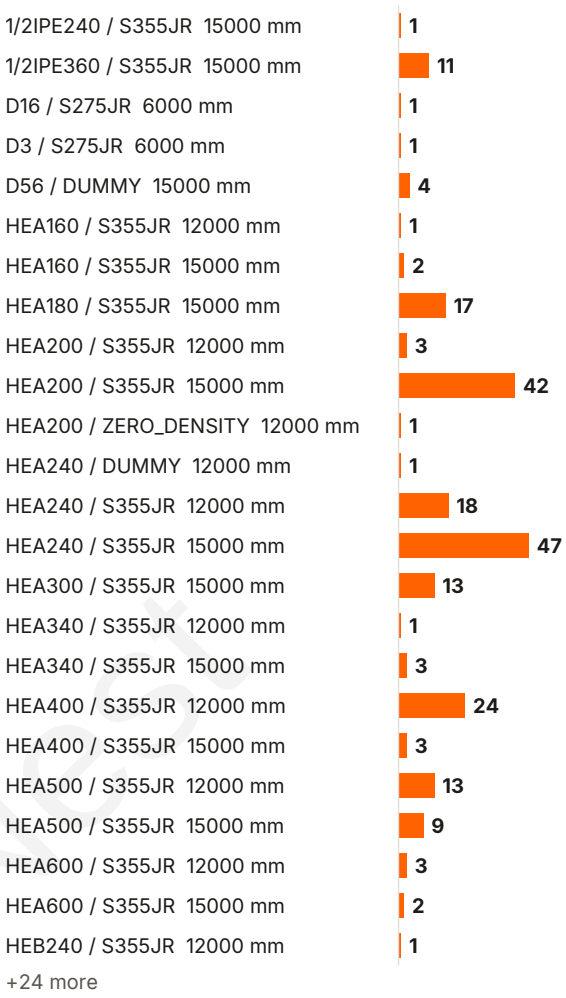
Total stock 274,431.3 kg at 7850 kg/m3.

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Cost breakdown per group (total USD285,386.16)



Stock to buy



Groups

Group	Material	Grade	Bought	Placed	Unplaced	Utilisation	Cost
1/2IPE240 / S355JR	1/2IPE240	S355JR	1	7	0	85.0 %	USD241.71
1/2IPE360 / S355JR	1/2IPE360	S355JR	11	24	0	85.9 %	USD4,943.62
D16 / S275JR	D16	S275JR	1	12	0	21.4 %	USD9.80
D3 / S275JR	D3	S275JR	1	6	0	3.4 %	USD0.32
D56 / DUMMY	D56	DUMMY	4	108	0	99.0 %	USD492.00
HEA160 / S355JR	HEA160	S355JR	3	9	0	87.3 %	USD1,343.19
HEA180 / S355JR	HEA180	S355JR	17	53	0	93.8 %	USD9,521.36
HEA200 / S355JR	HEA200	S355JR	45	302	0	99.7 %	USD29,533.56
HEA200 / ZERO_DENSITY	HEA200	ZERO_DENSITY	1	2	0	23.0 %	USD123.00
HEA240 / DUMMY	HEA240	DUMMY	1	2	0	25.0 %	USD123.00
HEA240 / S355JR	HEA240	S355JR	65	249	0	95.5 %	USD58,301.72
HEA300 / S355JR	HEA300	S355JR	13	32	0	90.5 %	USD18,162.30
HEA340 / S355JR	HEA340	S355JR	4	19	0	96.8 %	USD6,248.64

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Group	Material	Grade	Bought	Placed	Unplaced	Utilisation	Cost
HEA400 / S355JR	HEA400	S355JR	27	67	0	95.7 %	USD43,641.60
HEA500 / S355JR	HEA500	S355JR	22	46	0	92.3 %	USD47,491.64
HEA600 / S355JR	HEA600	S355JR	5	14	0	94.3 %	USD12,294.53
HEB240 / S355JR	HEB240	S355JR	2	6	0	78.9 %	USD2,359.01
HEB240 / ZERO_DENSITY	HEB240	ZERO_DENSITY	1	1	0	11.5 %	USD123.00
HEB340 / S355JR	HEB340	S355JR	5	12	0	89.3 %	USD7,500.00
HEB400 / S355JR	HEB400	S355JR	5	10	0	90.4 %	USD9,792.10
HEB500 / S355JR	HEB500	S355JR	8	8	0	79.7 %	USD18,911.60
IPE180 / S355JR	IPE180	S355JR	1	14	0	90.7 %	USD236.39
IPE240 / ZERO_DENSITY	IPE240	ZERO_DENSITY	1	1	0	11.5 %	USD123.00
IPE360 / S355JR	IPE360	S355JR	4	12	0	98.8 %	USD3,235.84
L150*10 / S275JR	L150*10	S275JR	1	10	0	33.3 %	USD143.42
L50*6 / S275JR	L50*6	S275JR	1	12	0	9.0 %	USD30.82
L70*7 / S275JR	L70*7	S275JR	1	16	0	69.3 %	USD50.92
L80*8 / S275JR	L80*8	S275JR	3	28	0	90.0 %	USD433.06
L90*9 / S275JR	L90*9	S275JR	1	10	0	6.7 %	USD76.66
PIPE1-1/2SCH40 / A53-GR.B	PIPE1-1/2SCH40	A53-GR.B	58	994	0	99.5 %	USD3,862.20
ROD20 / S275JR	ROD20	S275JR	5	128	0	92.4 %	USD176.18
UPN100 / S275JR	UPN100	S275JR	30	352	0	99.3 %	USD4,907.16
UPN160 / S275JR	UPN160	S275JR	1	2	0	26.7 %	USD118.69
UPN80 / S275JR	UPN80	S275JR	6	10	0	90.9 %	USD834.12

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Purchase list

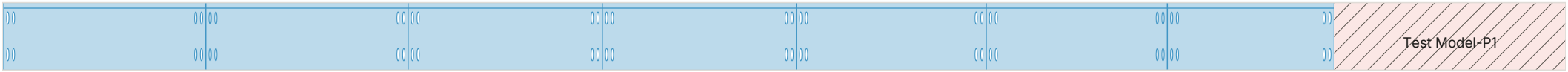
Group	Stock	Count	Size	Unit price	Total
1/2IPE240 / S355JR	S21	1	15000 mm	USD241.71	USD241.71
1/2IPE360 / S355JR	S50	11	15000 mm	USD449.42	USD4,943.62
D16 / S275JR	S18	1	6000 mm	USD9.80	USD9.80
D3 / S275JR	S19	1	6000 mm	USD0.32	USD0.32
D56 / DUMMY	S31	4	15000 mm	USD123.00	USD492.00
HEA160 / S355JR	S10	2	15000 mm	USD479.71	USD959.42
HEA160 / S355JR	S9	1	12000 mm	USD383.77	USD383.77
HEA180 / S355JR	S4	17	15000 mm	USD560.08	USD9,521.36
HEA200 / S355JR	S13	42	15000 mm	USD665.17	USD27,937.14
HEA200 / S355JR	S12	3	12000 mm	USD532.14	USD1,596.42
HEA200 / ZERO_DENSITY	S57	1	12000 mm	USD123.00	USD123.00
HEA240 / DUMMY	S55	1	12000 mm	USD123.00	USD123.00
HEA240 / S355JR	S8	47	15000 mm	USD949.54	USD44,628.38
HEA240 / S355JR	S7	18	12000 mm	USD759.63	USD13,673.34
HEA300 / S355JR	S38	13	15000 mm	USD1,397.10	USD18,162.30
HEA340 / S355JR	S44	3	15000 mm	USD1,644.38	USD4,933.14
HEA340 / S355JR	S43	1	12000 mm	USD1,315.50	USD1,315.50
HEA400 / S355JR	S27	3	15000 mm	USD1,965.84	USD5,897.52

Group	Stock	Count	Size	Unit price	Total
HEA400 / S355JR	S26	24	12000 mm	USD1,572.67	USD37,744.08
HEA500 / S355JR	S40	9	15000 mm	USD2,448.02	USD22,032.18
HEA500 / S355JR	S39	13	12000 mm	USD1,958.42	USD25,459.46
HEA600 / S355JR	S25	2	15000 mm	USD2,794.21	USD5,588.42
HEA600 / S355JR	S24	3	12000 mm	USD2,235.37	USD6,706.11
HEB240 / S355JR	S42	1	15000 mm	USD1,310.56	USD1,310.56
HEB240 / S355JR	S41	1	12000 mm	USD1,048.45	USD1,048.45
HEB240 / ZERO_DENSITY	S59	1	12000 mm	USD123.00	USD123.00
HEB340 / S355JR	S45	5	12000 mm	USD1,500.00	USD7,500.00
HEB400 / S355JR	S32	5	12000 mm	USD1,958.42	USD9,792.10
HEB500 / S355JR	S51	8	12000 mm	USD2,363.95	USD18,911.60
IPE180 / S355JR	S53	1	12000 mm	USD236.39	USD236.39
IPE240 / ZERO_DENSITY	S61	1	12000 mm	USD123.00	USD123.00
IPE360 / S355JR	S28	2	12000 mm	USD719.08	USD1,438.16
IPE360 / S355JR	S29	2	15000 mm	USD898.84	USD1,797.68
L150*10 / S275JR	S11	1	6000 mm	USD143.42	USD143.42
L50*6 / S275JR	S15	1	6000 mm	USD30.82	USD30.82
L70*7 / S275JR	S36	1	6000 mm	USD50.92	USD50.92
L80*8 / S275JR	S34	2	12000 mm	USD133.25	USD266.50
L80*8 / S275JR	S35	1	15000 mm	USD166.56	USD166.56
L90*9 / S275JR	S14	1	6000 mm	USD76.66	USD76.66
PIPE1-1/2SCH40 / A53-GR.B	S1	1	12000 mm	USD53.46	USD53.46
PIPE1-1/2SCH40 / A53-GR.B	S2	57	15000 mm	USD66.82	USD3,808.74
ROD20 / S275JR	S16	2	12000 mm	USD30.64	USD61.28
ROD20 / S275JR	S17	3	15000 mm	USD38.30	USD114.90
UPN100 / S275JR	S47	3	12000 mm	USD133.53	USD400.59
UPN100 / S275JR	S48	27	15000 mm	USD166.91	USD4,506.57
UPN160 / S275JR	S5	1	6000 mm	USD118.69	USD118.69
UPN80 / S275JR	S23	4	15000 mm	USD148.95	USD595.80
UPN80 / S275JR	S22	2	12000 mm	USD119.16	USD238.32

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Bar 1 | 1/2IPE240 / S355JR | S21 | 15000 mm



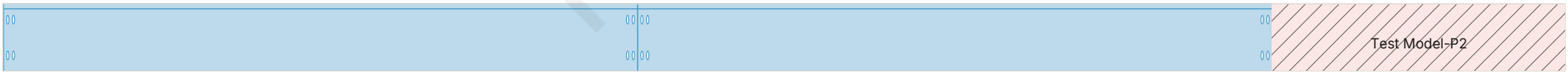


Leftover 2206.3 mm (Test Model-P1) | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-30023	1938.2 mm	13 mm	1951.2 mm	
2	153-30023	1938.2 mm	1954.2 mm	3892.5 mm	
3	153-40015	1859.9 mm	3895.5 mm	5755.4 mm	
4	153-40015	1859.9 mm	5758.4 mm	7618.3 mm	
5	153-40004	1817.5 mm	7621.3 mm	9438.7 mm	
6	153-40011	1734.7 mm	9441.7 mm	11176.5 mm	
7	153-40013	1598.3 mm	11179.5 mm	12777.7 mm	
R	Test Model-P1	2206.3 mm	12793.7 mm	15000 mm	Remnant

Bar 1 | 1/2IPE360 / S355JR | S50 | 15000 mm



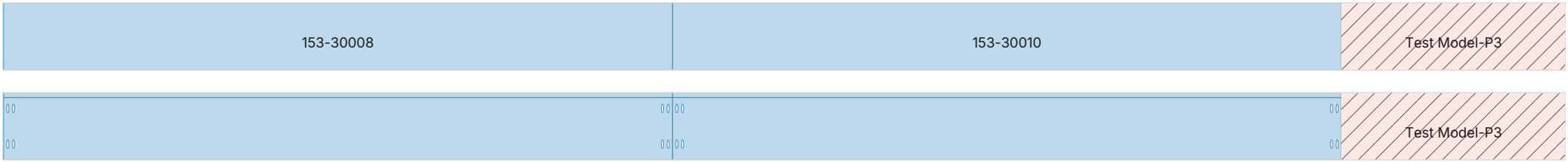


Leftover 2800.9 mm (Test Model-P2) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30009	6081.5 mm	13 mm	6094.5 mm	
2	153-30001	6085.7 mm	6097.5 mm	12183.1 mm	
R	Test Model-P2	2800.9 mm	12199.1 mm	15000 mm	Remnant

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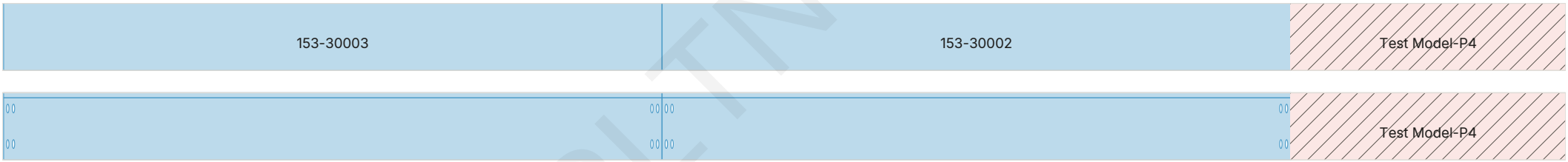
Bar 2 | 1/2IPE360 / S355JR | S50 | 15000 mm



Leftover 2136.4 mm (Test Model-P3) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30008	6415.8 mm	13 mm	6428.8 mm	
2	153-30010	6415.8 mm	6431.8 mm	12847.6 mm	
R	Test Model-P3	2136.4 mm	12863.6 mm	15000 mm	Remnant

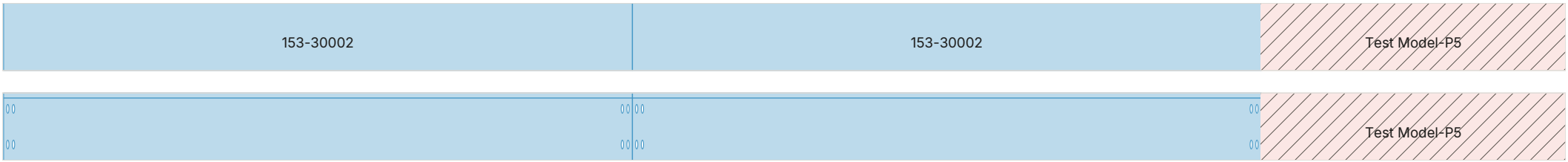
Bar 3 | 1/2IPE360 / S355JR | S50 | 15000 mm



Leftover 2622 mm (Test Model-P4) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30003	6315.1 mm	13 mm	6328.1 mm	
2	153-30002	6030.9 mm	6331.1 mm	12362 mm	
R	Test Model-P4	2622 mm	12378 mm	15000 mm	Remnant

Bar 4 | 1/2IPE360 / S355JR | S50 | 15000 mm



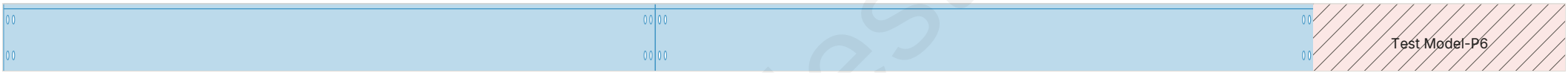
PLTNest

Leftover 2906.2 mm (Test Model-P5) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30002	6030.9 mm	13 mm	6043.9 mm	
2	153-30002	6030.9 mm	6046.9 mm	12077.8 mm	
R	Test Model-P5	2906.2 mm	12093.8 mm	15000 mm	Remnant

Bar 5 | 1/2IPE360 / S355JR | S50 | 15000 mm



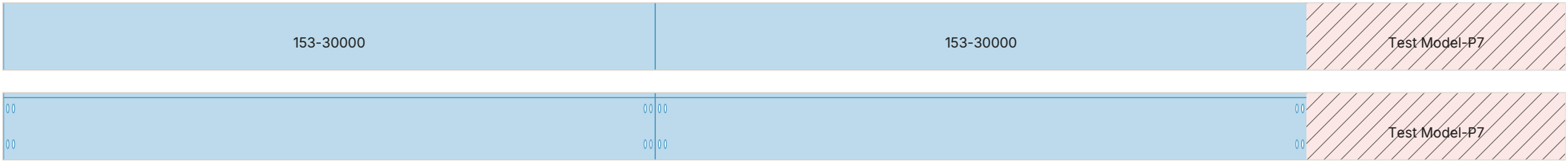


Leftover 2402.5 mm (Test Model-P6) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30000	6250.4 mm	13 mm	6263.4 mm	
2	153-30003	6315.1 mm	6266.4 mm	12581.5 mm	
R	Test Model-P6	2402.5 mm	12597.5 mm	15000 mm	Remnant

PLTNest

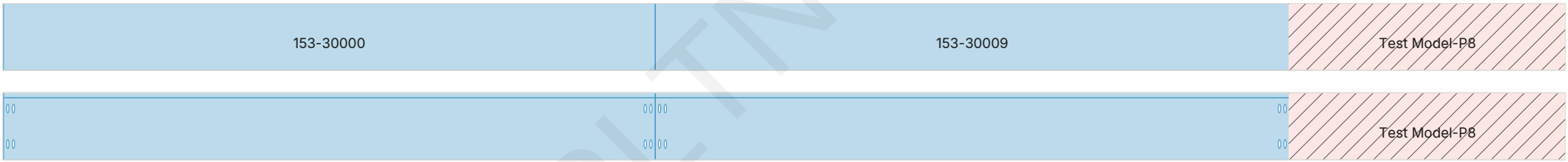
Bar 6 | 1/2IPE360 / S355JR | S50 | 15000 mm



Leftover 2467.2 mm (Test Model-P7) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30000	6250.4 mm	13 mm	6263.4 mm	
2	153-30000	6250.4 mm	6266.4 mm	12516.8 mm	
R	Test Model-P7	2467.2 mm	12532.8 mm	15000 mm	Remnant

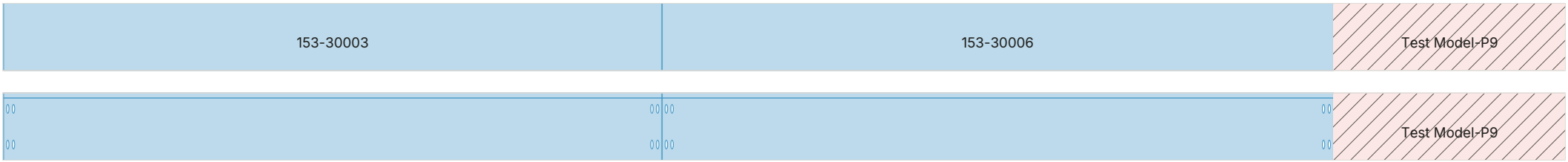
Bar 7 | 1/2IPE360 / S355JR | S50 | 15000 mm



Leftover 2636.1 mm (Test Model-P8) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30000	6250.4 mm	13 mm	6263.4 mm	
2	153-30009	6081.5 mm	6266.4 mm	12347.9 mm	
R	Test Model-P8	2636.1 mm	12363.9 mm	15000 mm	Remnant

Bar 8 | 1/2IPE360 / S355JR | S50 | 15000 mm

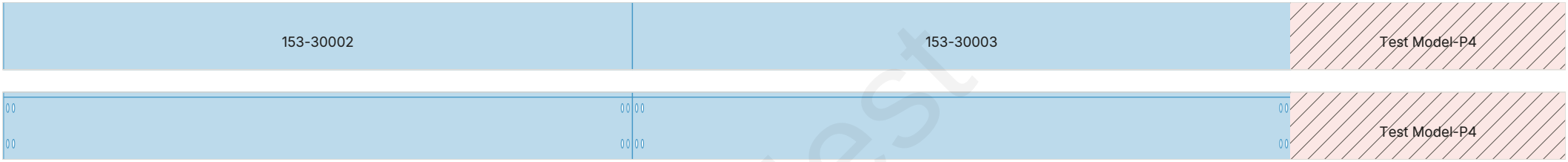


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Leftover 2212.3 mm (Test Model-P9) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30003	6315.1 mm	13 mm	6328.1 mm	
2	153-30006	6440.6 mm	6331.1 mm	12771.7 mm	
R	Test Model-P9	2212.3 mm	12787.7 mm	15000 mm	Remnant

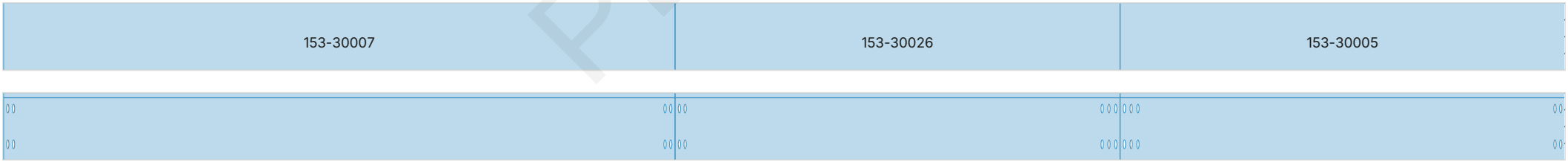
Bar 9 | 1/2IPE360 / S355JR | S50 | 15000 mm



Leftover 2622 mm (Test Model-P4) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-30002	6030.9 mm	13 mm	6043.9 mm	
2	153-30003	6315.1 mm	6046.9 mm	12362 mm	
R	Test Model-P4	2622 mm	12378 mm	15000 mm	Remnant

Bar 10 | 1/2IPE360 / S355JR | S50 | 15000 mm



Leftover 4.9 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-30007	6440.6 mm	13 mm	6453.6 mm	
2	153-30026	4266.3 mm	6456.6 mm	10722.9 mm	
3	153-30005	4266.3 mm	10725.9 mm	14992.1 mm	

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Bar 11 | 1/2IPE360 / S355JR | S50 | 15000 mm





Leftover 113.7 mm (Test Model-P10) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-30001	6085.7 mm	13 mm	6098.7 mm	
2	153-30004	4386.5 mm	6101.7 mm	10488.2 mm	
3	153-30025	4379.1 mm	10491.2 mm	14870.3 mm	
R	Test Model-P10	113.7 mm	14886.3 mm	15000 mm	Remnant

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Bar 1 | D16 / S275JR | S18 | 6000 mm





Leftover 4653.2 mm (Test Model-P11) | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-60121	143.1 mm	13 mm	156.1 mm	
2	153-60121	143.1 mm	159.1 mm	302.3 mm	
3	153-60121	143.1 mm	305.3 mm	448.4 mm	
4	153-60121	143.1 mm	451.4 mm	594.5 mm	
5	153-60121	143.1 mm	597.5 mm	740.7 mm	
6	153-60121	143.1 mm	743.7 mm	886.8 mm	
7	153-60123	71 mm	889.8 mm	960.8 mm	
8	153-60123	71 mm	963.8 mm	1034.8 mm	
9	153-60123	71 mm	1037.8 mm	1108.8 mm	
10	153-60123	71 mm	1111.8 mm	1182.8 mm	
11	153-60123	71 mm	1185.8 mm	1256.8 mm	
12	153-60123	71 mm	1259.8 mm	1330.8 mm	
R	Test Model-P11	4653.2 mm	1346.8 mm	6000 mm	Remnant

Bar 1 | D3 / S275JR | S19 | 6000 mm





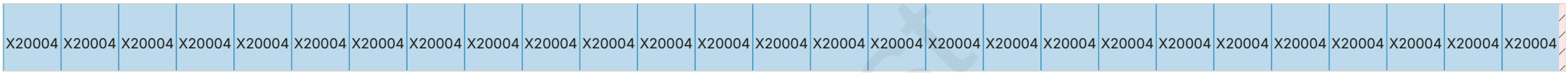
Leftover 5752 mm (Test Model-P12) | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-60122	34 mm	13 mm	47 mm	
2	153-60122	34 mm	50 mm	84 mm	

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Seq	Part mark	Length	Start	End	Mitre
3	153-60122	34 mm	87 mm	121 mm	
4	153-60122	34 mm	124 mm	158 mm	
5	153-60122	34 mm	161 mm	195 mm	
6	153-60122	34 mm	198 mm	232 mm	
R	Test Model-P12	5752 mm	248 mm	6000 mm	Remnant

Bar 1 | D56 / DUMMY | S31 | 15000 mm



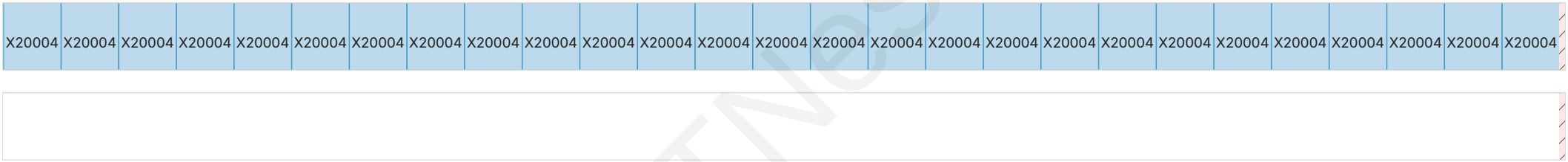
Leftover 56 mm | Cuts 27

Seq	Part mark	Length	Start	End	Mitre
1	X20004	550 mm	13 mm	563 mm	
2	X20004	550 mm	566 mm	1116 mm	
3	X20004	550 mm	1119 mm	1669 mm	
4	X20004	550 mm	1672 mm	2222 mm	
5	X20004	550 mm	2225 mm	2775 mm	
6	X20004	550 mm	2778 mm	3328 mm	
7	X20004	550 mm	3331 mm	3881 mm	
8	X20004	550 mm	3884 mm	4434 mm	
9	X20004	550 mm	4437 mm	4987 mm	
10	X20004	550 mm	4990 mm	5540 mm	
11	X20004	550 mm	5543 mm	6093 mm	
12	X20004	550 mm	6096 mm	6646 mm	
13	X20004	550 mm	6649 mm	7199 mm	
14	X20004	550 mm	7202 mm	7752 mm	
15	X20004	550 mm	7755 mm	8305 mm	
16	X20004	550 mm	8308 mm	8858 mm	
17	X20004	550 mm	8861 mm	9411 mm	
18	X20004	550 mm	9414 mm	9964 mm	
19	X20004	550 mm	9967 mm	10517 mm	

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Seq	Part mark	Length	Start	End	Mitre
20	X20004	550 mm	10520 mm	11070 mm	
21	X20004	550 mm	11073 mm	11623 mm	
22	X20004	550 mm	11626 mm	12176 mm	
23	X20004	550 mm	12179 mm	12729 mm	
24	X20004	550 mm	12732 mm	13282 mm	
25	X20004	550 mm	13285 mm	13835 mm	
26	X20004	550 mm	13838 mm	14388 mm	
27	X20004	550 mm	14391 mm	14941 mm	

Bar 2 | D56 / DUMMY | S31 | 15000 mm



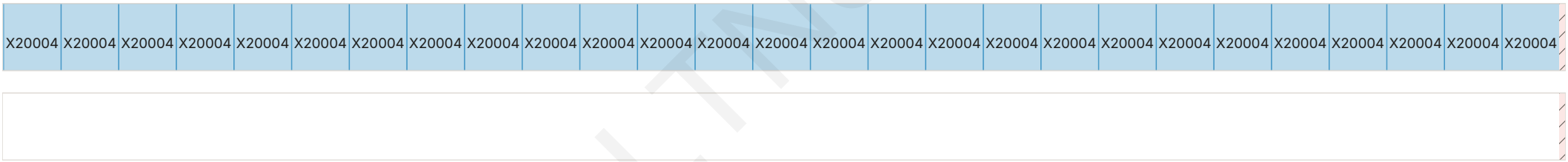
Leftover 56 mm | Cuts 27

Seq	Part mark	Length	Start	End	Mitre
1	X20004	550 mm	13 mm	563 mm	
2	X20004	550 mm	566 mm	1116 mm	
3	X20004	550 mm	1119 mm	1669 mm	
4	X20004	550 mm	1672 mm	2222 mm	
5	X20004	550 mm	2225 mm	2775 mm	
6	X20004	550 mm	2778 mm	3328 mm	
7	X20004	550 mm	3331 mm	3881 mm	
8	X20004	550 mm	3884 mm	4434 mm	
9	X20004	550 mm	4437 mm	4987 mm	
10	X20004	550 mm	4990 mm	5540 mm	
11	X20004	550 mm	5543 mm	6093 mm	
12	X20004	550 mm	6096 mm	6646 mm	
13	X20004	550 mm	6649 mm	7199 mm	
14	X20004	550 mm	7202 mm	7752 mm	
15	X20004	550 mm	7755 mm	8305 mm	
16	X20004	550 mm	8308 mm	8858 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
17	X20004	550 mm	8861 mm	9411 mm	
18	X20004	550 mm	9414 mm	9964 mm	
19	X20004	550 mm	9967 mm	10517 mm	
20	X20004	550 mm	10520 mm	11070 mm	
21	X20004	550 mm	11073 mm	11623 mm	
22	X20004	550 mm	11626 mm	12176 mm	
23	X20004	550 mm	12179 mm	12729 mm	
24	X20004	550 mm	12732 mm	13282 mm	
25	X20004	550 mm	13285 mm	13835 mm	
26	X20004	550 mm	13838 mm	14388 mm	
27	X20004	550 mm	14391 mm	14941 mm	

Bar 3 | D56 / DUMMY | S31 | 15000 mm



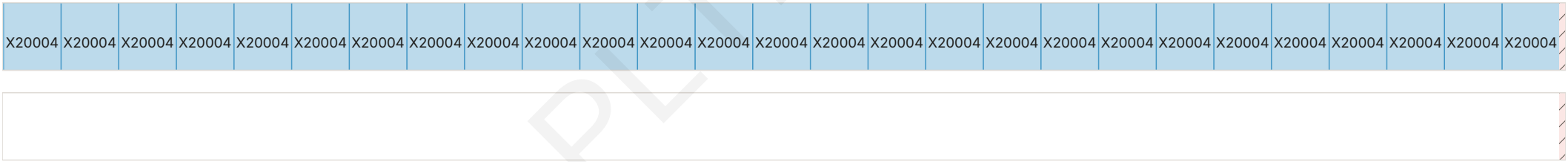
Leftover 56 mm | Cuts 27

Seq	Part mark	Length	Start	End	Mitre
1	X20004	550 mm	13 mm	563 mm	
2	X20004	550 mm	566 mm	1116 mm	
3	X20004	550 mm	1119 mm	1669 mm	
4	X20004	550 mm	1672 mm	2222 mm	
5	X20004	550 mm	2225 mm	2775 mm	
6	X20004	550 mm	2778 mm	3328 mm	
7	X20004	550 mm	3331 mm	3881 mm	
8	X20004	550 mm	3884 mm	4434 mm	
9	X20004	550 mm	4437 mm	4987 mm	
10	X20004	550 mm	4990 mm	5540 mm	
11	X20004	550 mm	5543 mm	6093 mm	
12	X20004	550 mm	6096 mm	6646 mm	
13	X20004	550 mm	6649 mm	7199 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
14	X20004	550 mm	7202 mm	7752 mm	
15	X20004	550 mm	7755 mm	8305 mm	
16	X20004	550 mm	8308 mm	8858 mm	
17	X20004	550 mm	8861 mm	9411 mm	
18	X20004	550 mm	9414 mm	9964 mm	
19	X20004	550 mm	9967 mm	10517 mm	
20	X20004	550 mm	10520 mm	11070 mm	
21	X20004	550 mm	11073 mm	11623 mm	
22	X20004	550 mm	11626 mm	12176 mm	
23	X20004	550 mm	12179 mm	12729 mm	
24	X20004	550 mm	12732 mm	13282 mm	
25	X20004	550 mm	13285 mm	13835 mm	
26	X20004	550 mm	13838 mm	14388 mm	
27	X20004	550 mm	14391 mm	14941 mm	

Bar 4 | D56 / DUMMY | S31 | 15000 mm



Leftover 56 mm | Cuts 27

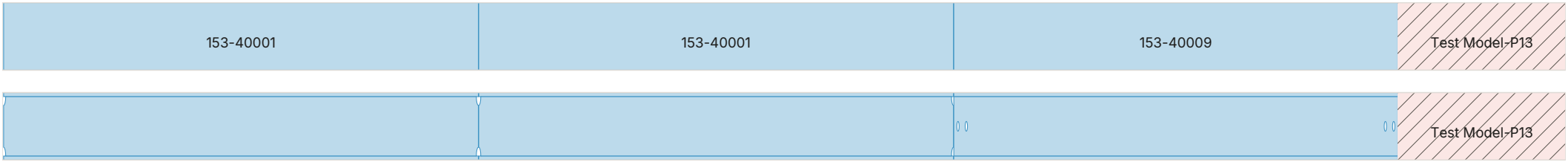
Seq	Part mark	Length	Start	End	Mitre
1	X20004	550 mm	13 mm	563 mm	
2	X20004	550 mm	566 mm	1116 mm	
3	X20004	550 mm	1119 mm	1669 mm	
4	X20004	550 mm	1672 mm	2222 mm	
5	X20004	550 mm	2225 mm	2775 mm	
6	X20004	550 mm	2778 mm	3328 mm	
7	X20004	550 mm	3331 mm	3881 mm	
8	X20004	550 mm	3884 mm	4434 mm	
9	X20004	550 mm	4437 mm	4987 mm	
10	X20004	550 mm	4990 mm	5540 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
11	X20004	550 mm	5543 mm	6093 mm	
12	X20004	550 mm	6096 mm	6646 mm	
13	X20004	550 mm	6649 mm	7199 mm	
14	X20004	550 mm	7202 mm	7752 mm	
15	X20004	550 mm	7755 mm	8305 mm	
16	X20004	550 mm	8308 mm	8858 mm	
17	X20004	550 mm	8861 mm	9411 mm	
18	X20004	550 mm	9414 mm	9964 mm	
19	X20004	550 mm	9967 mm	10517 mm	
20	X20004	550 mm	10520 mm	11070 mm	
21	X20004	550 mm	11073 mm	11623 mm	
22	X20004	550 mm	11626 mm	12176 mm	
23	X20004	550 mm	12179 mm	12729 mm	
24	X20004	550 mm	12732 mm	13282 mm	
25	X20004	550 mm	13285 mm	13835 mm	
26	X20004	550 mm	13838 mm	14388 mm	
27	X20004	550 mm	14391 mm	14941 mm	

PLTNest

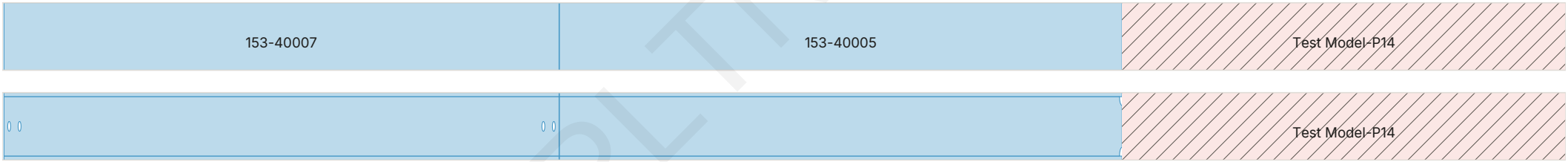
Bar 1 | HEA160 / S355JR | S10 | 15000 mm



Leftover 1594.4 mm (Test Model-P13) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-40001	4555.1 mm	13 mm	4568.1 mm	
2	153-40001	4555.1 mm	4571.1 mm	9126.2 mm	
3	153-40009	4260.3 mm	9129.2 mm	13389.6 mm	
R	Test Model-P13	1594.4 mm	13405.6 mm	15000 mm	Remnant

Bar 2 | HEA160 / S355JR | S9 | 12000 mm



Leftover 3389.2 mm (Test Model-P14) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-40007	4260.3 mm	13 mm	4273.3 mm	
2	153-40005	4318.5 mm	4276.3 mm	8594.8 mm	
R	Test Model-P14	3389.2 mm	8610.8 mm	12000 mm	Remnant

PLTNest

Bar 3 | HEA160 / S355JR | S10 | 15000 mm





Leftover 237.4 mm (Test Model-P15) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-40002	4344.4 mm	13 mm	4356.7 mm	Flipped, Shared
2	153-40006	4344.4 mm	4359.7 mm	8704.1 mm	Flipped, Shared
3	153-20472	1718 mm	8707.1 mm	10425.1 mm	
4	153-40025	4318.5 mm	10428.1 mm	14746.6 mm	
R	Test Model-P15	237.4 mm	14762.6 mm	15000 mm	Remnant

Bar 1 | HEA180 / S355JR | S4 | 15000 mm



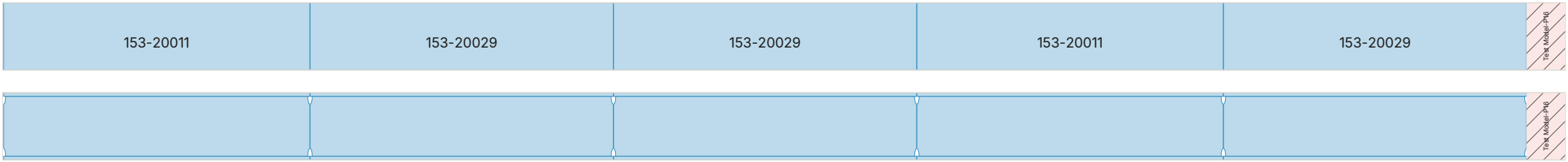


Leftover 6 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20067	6758 mm	13 mm	6771 mm	
2	153-20473	3258 mm	6774 mm	10032 mm	
3	153-20092	4125 mm	10035 mm	14160 mm	
4	153-20475	828 mm	14163 mm	14991 mm	

PLTNest

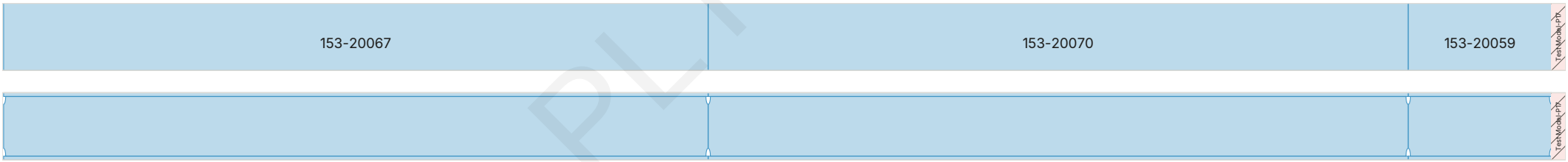
Bar 2 | HEA180 / S355JR | S4 | 15000 mm



Leftover 359 mm (Test Model-P16) | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20011	2938 mm	13 mm	2951 mm	
2	153-20029	2908 mm	2954 mm	5862 mm	
3	153-20029	2908 mm	5865 mm	8773 mm	
4	153-20011	2938 mm	8776 mm	11714 mm	
5	153-20029	2908 mm	11717 mm	14625 mm	
R	Test Model-P16	359 mm	14641 mm	15000 mm	Remnant

Bar 3 | HEA180 / S355JR | S4 | 15000 mm



Leftover 120.5 mm (Test Model-P17) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20067	6758 mm	13 mm	6771 mm	
2	153-20070	6713.5 mm	6774 mm	13487.5 mm	
3	153-20059	1373 mm	13490.5 mm	14863.5 mm	
R	Test Model-P17	120.5 mm	14879.5 mm	15000 mm	Remnant

PLTNest

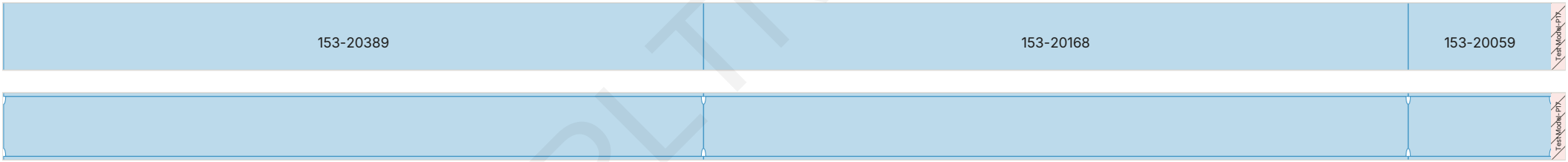
Bar 4 | HEA180 / S355JR | S4 | 15000 mm



Leftover 517 mm (Test Model-P18) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20165	5755 mm	13 mm	5768 mm	
2	153-20011	2938 mm	5771 mm	8709 mm	
3	153-20165	5755 mm	8712 mm	14467 mm	
R	Test Model-P18	517 mm	14483 mm	15000 mm	Remnant

Bar 5 | HEA180 / S355JR | S4 | 15000 mm

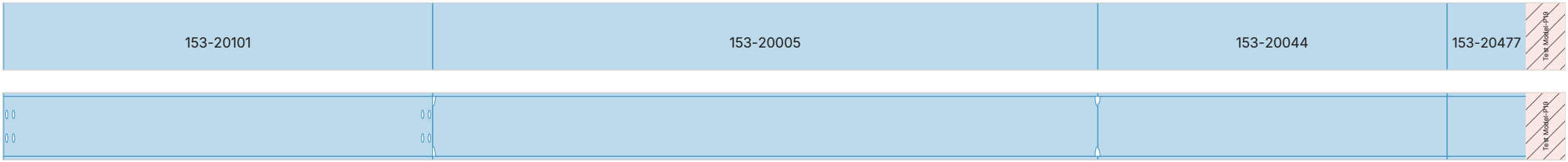


Leftover 120.5 mm (Test Model-P17) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20389	6713.5 mm	13 mm	6726.5 mm	
2	153-20168	6758 mm	6729.5 mm	13487.5 mm	
3	153-20059	1373 mm	13490.5 mm	14863.5 mm	
R	Test Model-P17	120.5 mm	14879.5 mm	15000 mm	Remnant

PLTNest

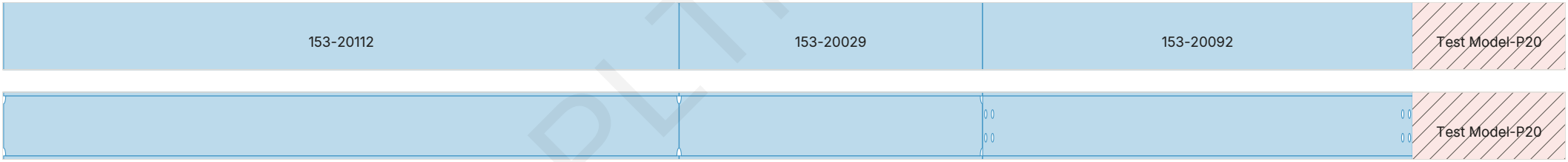
Bar 6 | HEA180 / S355JR | S4 | 15000 mm



Leftover 363 mm (Test Model-P19) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20101	4115 mm	13 mm	4128 mm	
2	153-20005	6378 mm	4131 mm	10509 mm	
3	153-20044	3348 mm	10512 mm	13860 mm	
4	153-20477	758 mm	13863 mm	14621 mm	
R	Test Model-P19	363 mm	14637 mm	15000 mm	Remnant

Bar 7 | HEA180 / S355JR | S4 | 15000 mm

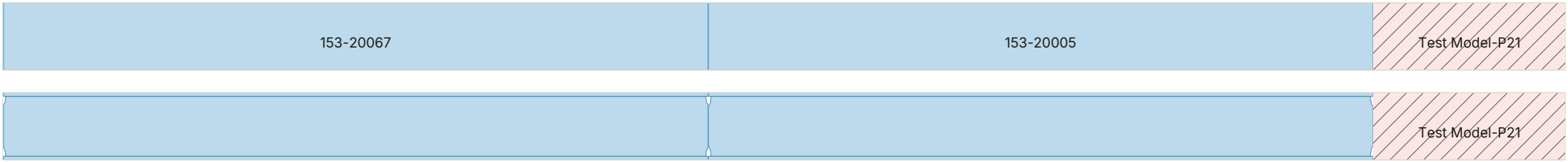


Leftover 1453 mm (Test Model-P20) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20112	6479 mm	13 mm	6492 mm	
2	153-20029	2908 mm	6495 mm	9403 mm	
3	153-20092	4125 mm	9406 mm	13531 mm	
R	Test Model-P20	1453 mm	13547 mm	15000 mm	Remnant

PLTNest

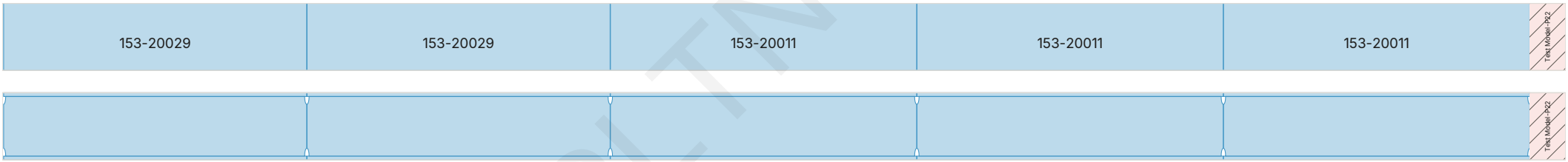
Bar 8 | HEA180 / S355JR | S4 | 15000 mm



Leftover 1832 mm (Test Model-P21) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20067	6758 mm	13 mm	6771 mm	
2	153-20005	6378 mm	6774 mm	13152 mm	
R	Test Model-P21	1832 mm	13168 mm	15000 mm	Remnant

Bar 9 | HEA180 / S355JR | S4 | 15000 mm

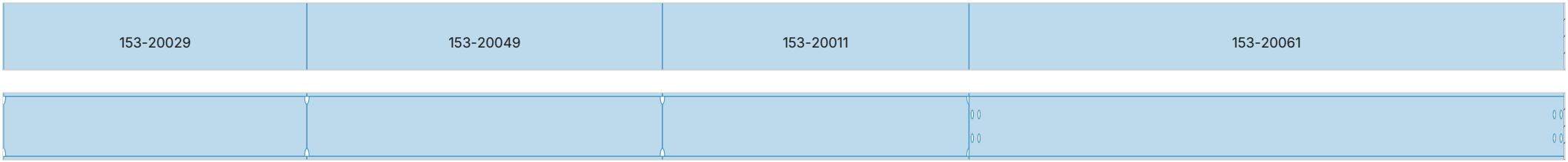


Leftover 329 mm (Test Model-P22) | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20029	2908 mm	13 mm	2921 mm	
2	153-20029	2908 mm	2924 mm	5832 mm	
3	153-20011	2938 mm	5835 mm	8773 mm	
4	153-20011	2938 mm	8776 mm	11714 mm	
5	153-20011	2938 mm	11717 mm	14655 mm	
R	Test Model-P22	329 mm	14671 mm	15000 mm	Remnant

PLTNest

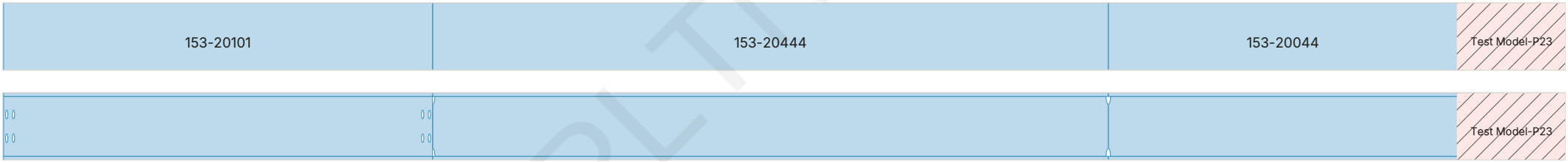
Bar 10 | HEA180 / S355JR | S4 | 15000 mm



Leftover 11 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20029	2908 mm	13 mm	2921 mm	
2	153-20049	3408 mm	2924 mm	6332 mm	
3	153-20011	2938 mm	6335 mm	9273 mm	
4	153-20061	5710 mm	9276 mm	14986 mm	

Bar 11 | HEA180 / S355JR | S4 | 15000 mm

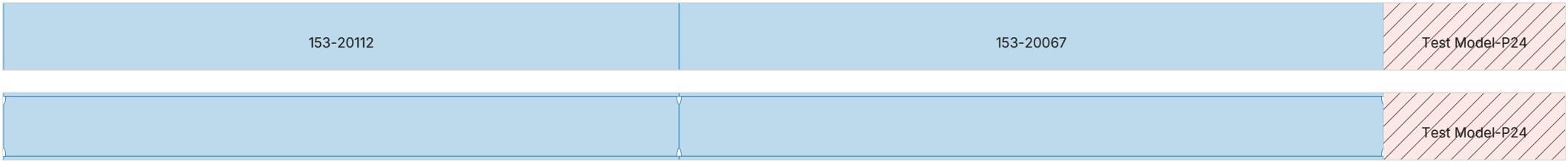


Leftover 1023 mm (Test Model-P23) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20101	4115 mm	13 mm	4128 mm	
2	153-20444	6479 mm	4131 mm	10610 mm	
3	153-20044	3348 mm	10613 mm	13961 mm	
R	Test Model-P23	1023 mm	13977 mm	15000 mm	Remnant

PLTNest

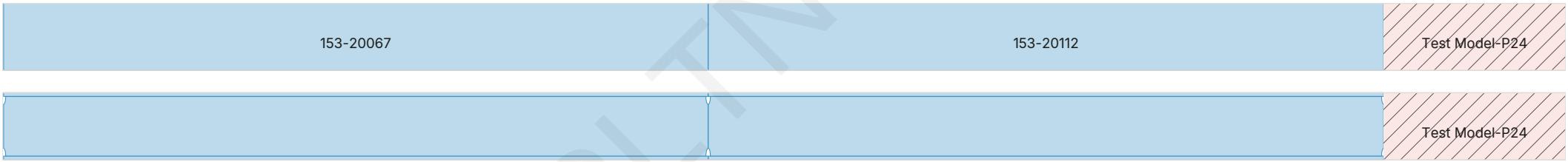
Bar 12 | HEA180 / S355JR | S4 | 15000 mm



Leftover 1731 mm (Test Model-P24) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20112	6479 mm	13 mm	6492 mm	
2	153-20067	6758 mm	6495 mm	13253 mm	
R	Test Model-P24	1731 mm	13269 mm	15000 mm	Remnant

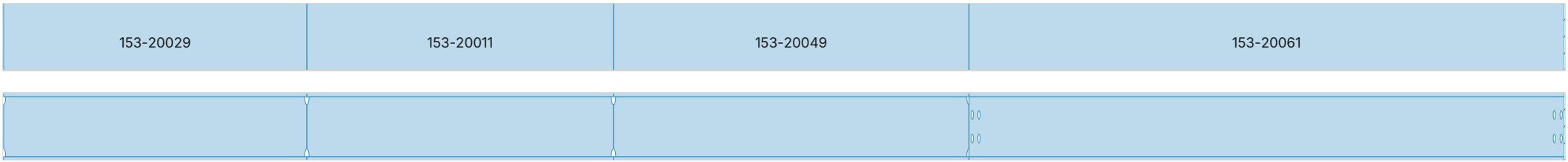
Bar 13 | HEA180 / S355JR | S4 | 15000 mm



Leftover 1731 mm (Test Model-P24) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20067	6758 mm	13 mm	6771 mm	
2	153-20112	6479 mm	6774 mm	13253 mm	
R	Test Model-P24	1731 mm	13269 mm	15000 mm	Remnant

Bar 14 | HEA180 / S355JR | S4 | 15000 mm

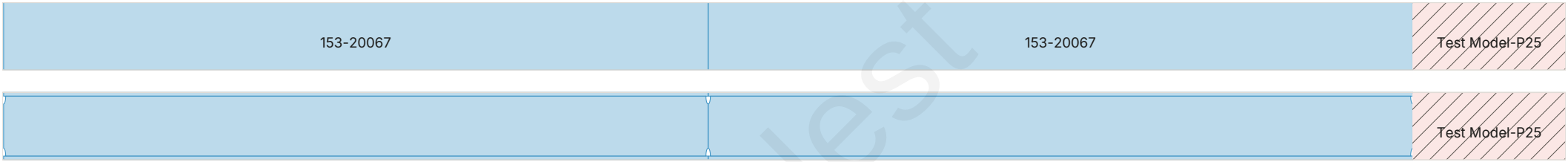


PLTNest

Leftover 11 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20029	2908 mm	13 mm	2921 mm	
2	153-20011	2938 mm	2924 mm	5862 mm	
3	153-20049	3408 mm	5865 mm	9273 mm	
4	153-20061	5710 mm	9276 mm	14986 mm	

Bar 15 | HEA180 / S355JR | S4 | 15000 mm

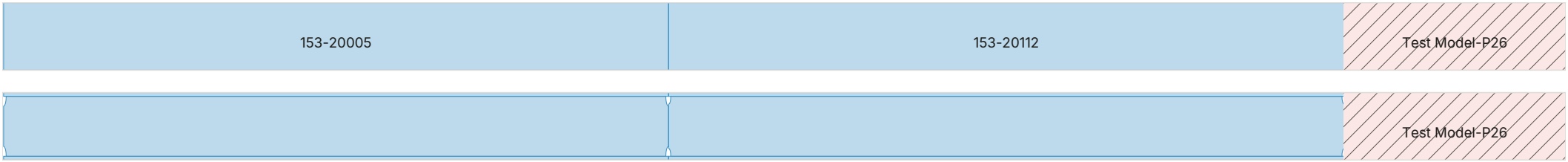


Leftover 1452 mm (Test Model-P25) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20067	6758 mm	13 mm	6771 mm	
2	153-20067	6758 mm	6774 mm	13532 mm	
R	Test Model-P25	1452 mm	13548 mm	15000 mm	Remnant

PLTNest

Bar 16 | HEA180 / S355JR | S4 | 15000 mm



Leftover 2111 mm (Test Model-P26) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20005	6378 mm	13 mm	6391 mm	
2	153-20112	6479 mm	6394 mm	12873 mm	
R	Test Model-P26	2111 mm	12889 mm	15000 mm	Remnant

Bar 17 | HEA180 / S355JR | S4 | 15000 mm



Leftover 2115 mm (Test Model-P27) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20005	6378 mm	13 mm	6391 mm	
2	153-20115	6475 mm	6394 mm	12869 mm	
R	Test Model-P27	2115 mm	12885 mm	15000 mm	Remnant

Bar 1 | HEA200 / S355JR | S13 | 15000 mm

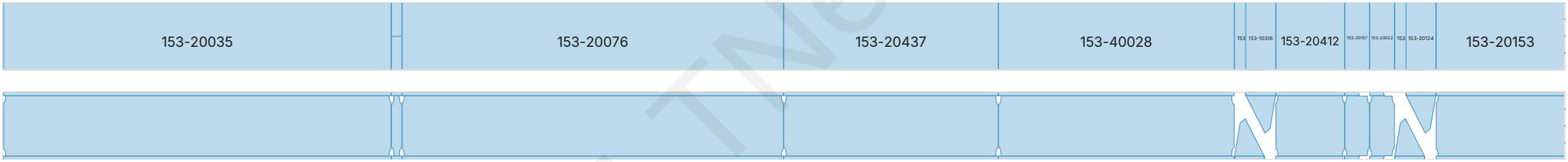


PLTNest

Leftover 6.9 mm | Cuts 9

Seq	Part mark	Length	Start	End	Mitre
1	153-20015	6658 mm	13 mm	6671 mm	
2	153-20459	286.8 mm	6674 mm	6779.3 mm	Shared
3	153-20459	286.8 mm	6782.3 mm	7069.1 mm	Flipped, Shared
4	153-20157	236.3 mm	7072.1 mm	7308.4 mm	
5	153-10047	200 mm	7311.4 mm	7511.4 mm	
6	153-20155	6758 mm	7514.4 mm	14272.4 mm	
7	153-20157	236.3 mm	14275.4 mm	14511.6 mm	
8	153-20157	236.3 mm	14514.6 mm	14750.9 mm	
9	153-20022	236.3 mm	14753.9 mm	14990.1 mm	

Bar 2 | HEA200 / S355JR | S13 | 15000 mm

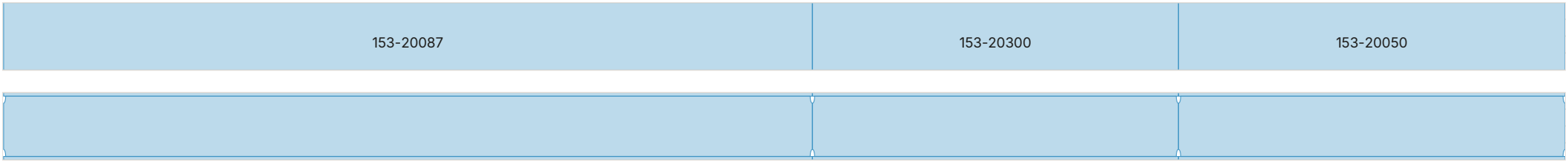


Leftover 5.5 mm | Cuts 13

Seq	Part mark	Length	Start	End	Mitre
1	153-20035	3718 mm	13 mm	3731 mm	
2	153-10375	100 mm	3734 mm	3834 mm	
3	153-20076	3658 mm	3837 mm	7495 mm	
4	153-20437	2058 mm	7498 mm	9556 mm	
5	153-40028	2259.8 mm	9559 mm	11818.8 mm	
6	153-10316	286.8 mm	11821.8 mm	11927.1 mm	Shared
7	153-10316	286.8 mm	11930.1 mm	12216.9 mm	Flipped, Shared
8	153-20412	658 mm	12219.9 mm	12877.9 mm	
9	153-20157	236.3 mm	12880.9 mm	13117.2 mm	
10	153-20022	236.3 mm	13120.2 mm	13356.4 mm	
11	153-20124	286.8 mm	13359.4 mm	13464.8 mm	Shared
12	153-20124	286.8 mm	13467.8 mm	13754.5 mm	Flipped, Shared
13	153-20153	1234 mm	13757.5 mm	14991.5 mm	

PLTNest

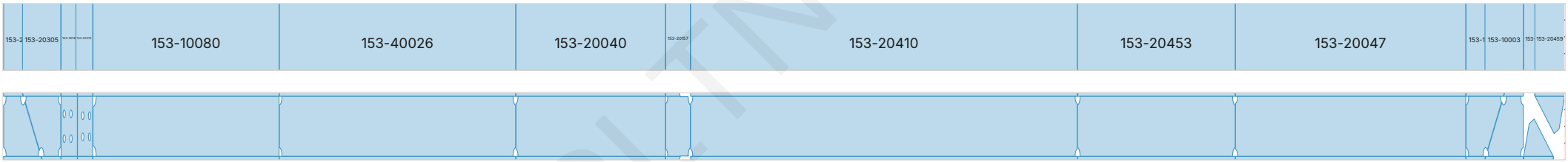
Bar 3 | HEA200 / S355JR | S13 | 15000 mm



Leftover 3 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20087	7758 mm	13 mm	7771 mm	
2	153-20300	3509 mm	7774 mm	11283 mm	
3	153-20050	3708 mm	11286 mm	14994 mm	

Bar 4 | HEA200 / S355JR | S13 | 15000 mm



Leftover 6.5 mm | Cuts 15

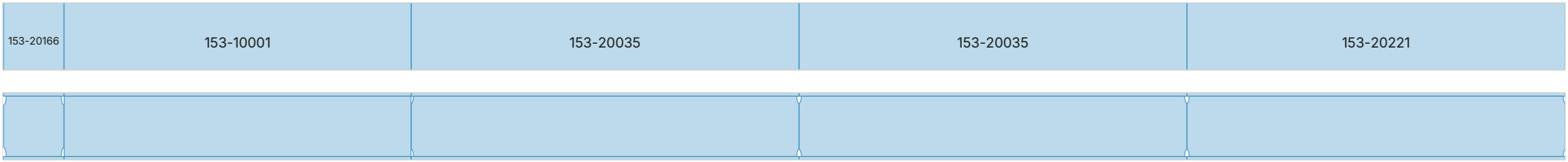
Seq	Part mark	Length	Start	End	Mitre
1	153-20305	367.2 mm	13 mm	191.4 mm	Shared
2	153-20305	367.2 mm	194.4 mm	561.6 mm	Flipped, Shared
3	153-20180	171.2 mm	564.6 mm	703.4 mm	Shared
4	153-20275	161.2 mm	706.4 mm	867.6 mm	Flipped, Rolled, Shared
5	153-10080	1785 mm	870.6 mm	2655.6 mm	
6	153-40026	2266.9 mm	2658.6 mm	4925.5 mm	
7	153-20040	1434 mm	4928.5 mm	6362.5 mm	
8	153-20157	236.3 mm	6365.5 mm	6601.8 mm	
9	153-20410	3708 mm	6604.8 mm	10312.8 mm	
10	153-20453	1513 mm	10315.8 mm	11828.8 mm	
11	153-20047	2209 mm	11831.8 mm	14040.8 mm	
12	153-10003	367.2 mm	14043.8 mm	14222.2 mm	Flipped, Shared

PLTNest

Seq	Part mark	Length	Start	End	Mitre
13	153-10003	367.2 mm	14225.2 mm	14592.4 mm	Shared
14	153-20459	286.8 mm	14595.4 mm	14700.8 mm	Shared
15	153-20459	286.8 mm	14703.8 mm	14990.6 mm	Flipped, Shared

PLTNest

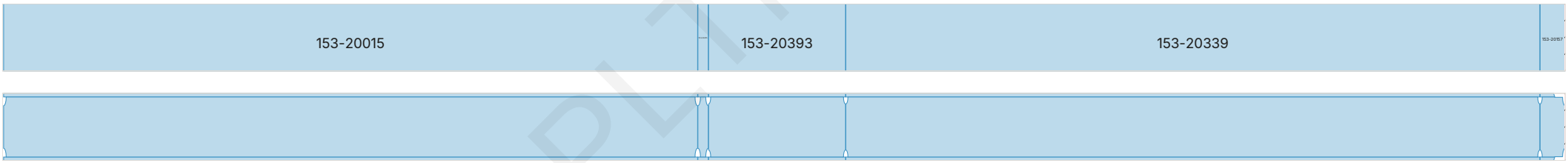
Bar 5 | HEA200 / S355JR | S13 | 15000 mm



Leftover 1.5 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20166	578 mm	13 mm	591 mm	
2	153-10001	3328 mm	594 mm	3922 mm	
3	153-20035	3718 mm	3925 mm	7643 mm	
4	153-20035	3718 mm	7646 mm	11364 mm	
5	153-20221	3628.5 mm	11367 mm	14995.5 mm	

Bar 6 | HEA200 / S355JR | S13 | 15000 mm

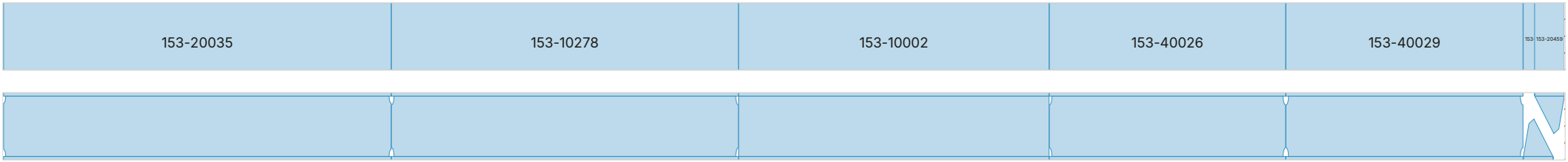


Leftover 6.3 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20015	6658 mm	13 mm	6671 mm	
2	153-10375	100 mm	6674 mm	6774 mm	
3	153-20393	1313.5 mm	6777 mm	8090.5 mm	
4	153-20339	6658 mm	8093.5 mm	14751.5 mm	
5	153-20157	236.3 mm	14754.5 mm	14990.8 mm	

PLTNest

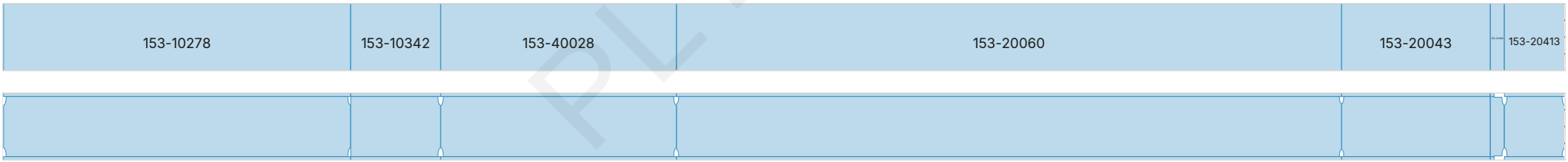
Bar 7 | HEA200 / S355JR | S13 | 15000 mm



Leftover 9.1 mm | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-20035	3718 mm	13 mm	3731 mm	
2	153-10278	3328 mm	3734 mm	7062 mm	
3	153-10002	2978 mm	7065 mm	10043 mm	
4	153-40026	2266.9 mm	10046 mm	12312.9 mm	
5	153-40029	2273.9 mm	12315.9 mm	14589.8 mm	
6	153-20459	286.8 mm	14592.8 mm	14698.1 mm	Shared
7	153-20459	286.8 mm	14701.1 mm	14987.9 mm	Flipped, Shared

Bar 8 | HEA200 / S355JR | S13 | 15000 mm

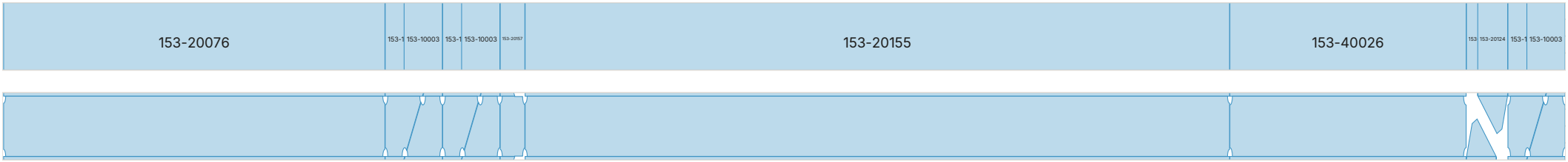


Leftover 7 mm | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-10278	3328 mm	13 mm	3341 mm	
2	153-10342	860 mm	3344 mm	4204 mm	
3	153-40028	2259.8 mm	4207 mm	6466.8 mm	
4	153-20060	6378 mm	6469.8 mm	12847.8 mm	
5	153-20043	1424 mm	12850.8 mm	14274.8 mm	
6	153-20386	131.3 mm	14277.8 mm	14409.1 mm	
7	153-20413	578 mm	14412.1 mm	14990.1 mm	

PLTest

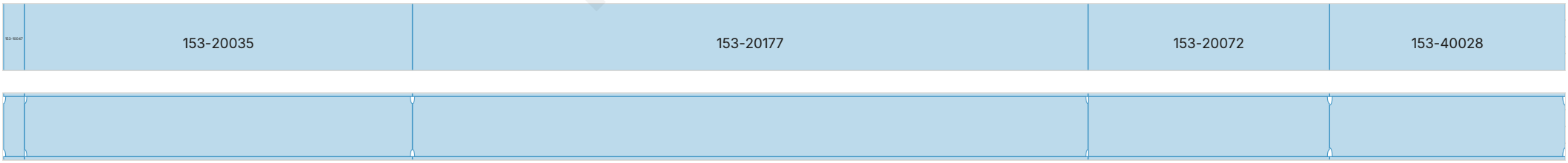
Bar 9 | HEA200 / S355JR | S13 | 15000 mm



Leftover 2.8 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20076	3658 mm	13 mm	3671 mm	
2	153-10003	367.2 mm	3674 mm	3852.5 mm	Flipped, Shared
3	153-10003	367.2 mm	3855.5 mm	4222.7 mm	Shared
4	153-10003	367.2 mm	4225.7 mm	4404.1 mm	Flipped, Shared
5	153-10003	367.2 mm	4407.1 mm	4774.3 mm	Shared
6	153-20157	236.3 mm	4777.3 mm	5013.6 mm	
7	153-20155	6758 mm	5016.6 mm	11774.6 mm	
8	153-40026	2266.9 mm	11777.6 mm	14044.4 mm	
9	153-20124	286.8 mm	14047.4 mm	14152.8 mm	Shared
10	153-20124	286.8 mm	14155.8 mm	14442.6 mm	Flipped, Shared
11	153-10003	367.2 mm	14445.6 mm	14624 mm	Flipped, Shared
12	153-10003	367.2 mm	14627 mm	14994.2 mm	Shared

Bar 10 | HEA200 / S355JR | S13 | 15000 mm



Leftover 1.2 mm | Cuts 5

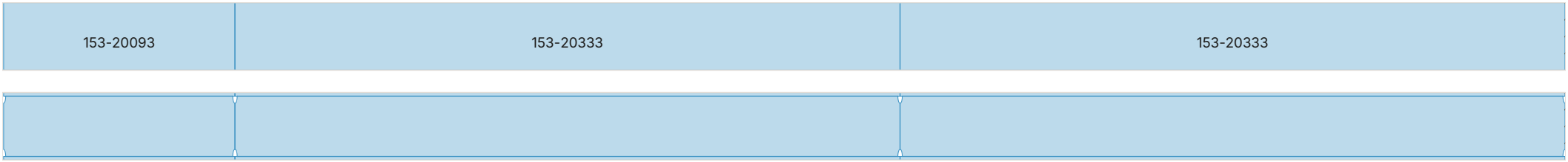
Seq	Part mark	Length	Start	End	Mitre
1	153-10047	200 mm	13 mm	213 mm	
2	153-20035	3718 mm	216 mm	3934 mm	
3	153-20177	6479 mm	3937 mm	10416 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20072	2314 mm	10419 mm	12733 mm	
5	153-40028	2259.8 mm	12736 mm	14995.8 mm	

PLTNest

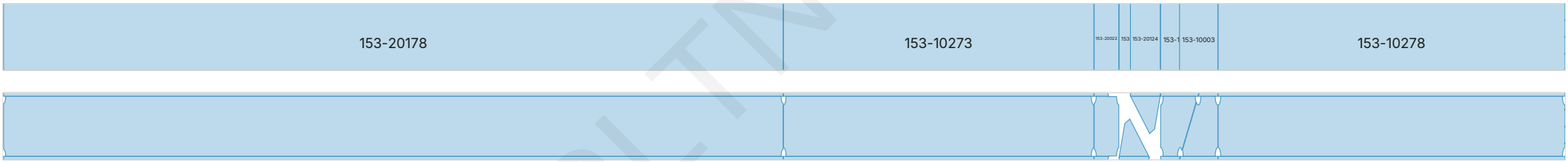
Bar 11 | HEA200 / S355JR | S13 | 15000 mm



Leftover 4 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20093	2218 mm	13 mm	2231 mm	
2	153-20333	6378 mm	2234 mm	8612 mm	
3	153-20333	6378 mm	8615 mm	14993 mm	

Bar 12 | HEA200 / S355JR | S13 | 15000 mm

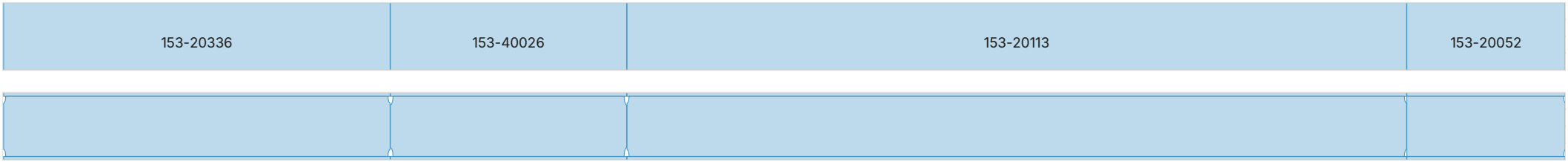


Leftover 4 mm | Cuts 8

Seq	Part mark	Length	Start	End	Mitre
1	153-20178	7479 mm	13 mm	7492 mm	
2	153-10273	2978 mm	7495 mm	10473 mm	
3	153-20022	236.3 mm	10476 mm	10712.3 mm	
4	153-20124	286.8 mm	10715.3 mm	10820.6 mm	Shared
5	153-20124	286.8 mm	10823.6 mm	11110.4 mm	Flipped, Shared
6	153-10003	367.2 mm	11113.4 mm	11291.8 mm	Flipped, Shared
7	153-10003	367.2 mm	11294.8 mm	11662 mm	Shared
8	153-10278	3328 mm	11665 mm	14993 mm	

PLTNest

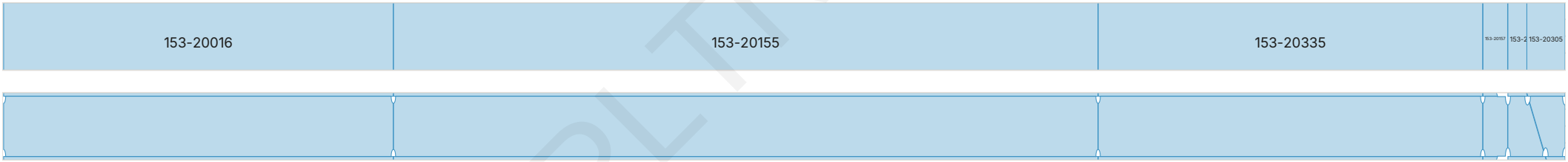
Bar 13 | HEA200 / S355JR | S13 | 15000 mm



Leftover 2.1 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20336	3708 mm	13 mm	3721 mm	
2	153-40026	2266.9 mm	3724 mm	5990.9 mm	
3	153-20113	7479 mm	5993.9 mm	13472.9 mm	
4	153-20052	1519 mm	13475.9 mm	14994.9 mm	

Bar 14 | HEA200 / S355JR | S13 | 15000 mm

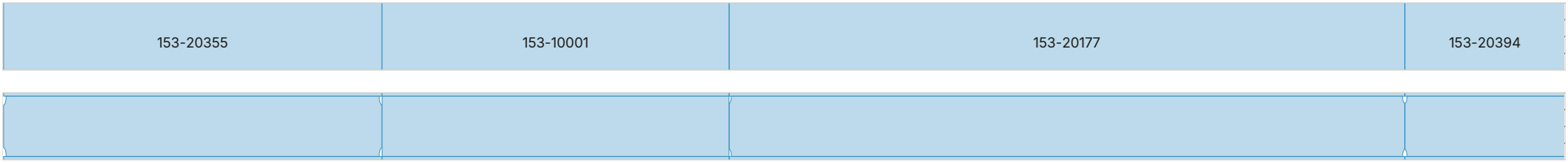


Leftover 3.1 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-20016	3738 mm	13 mm	3751 mm	
2	153-20155	6758 mm	3754 mm	10512 mm	
3	153-20335	3688 mm	10515 mm	14203 mm	
4	153-20157	236.3 mm	14206 mm	14442.3 mm	
5	153-20305	367.2 mm	14445.3 mm	14623.7 mm	Shared
6	153-20305	367.2 mm	14626.7 mm	14993.9 mm	Flipped, Shared

PLTNest

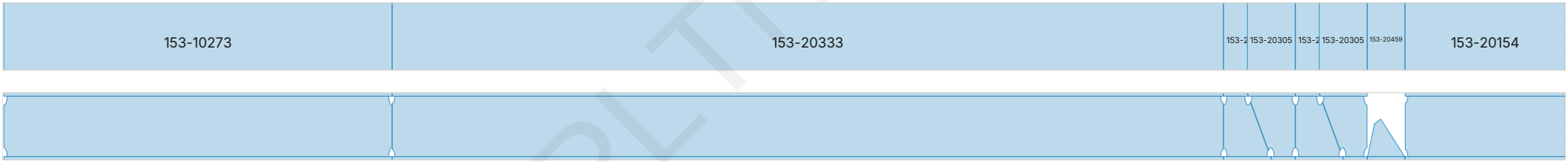
Bar 15 | HEA200 / S355JR | S13 | 15000 mm



Leftover 5 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20355	3628.5 mm	13 mm	3641.5 mm	
2	153-10001	3328 mm	3644.5 mm	6972.5 mm	
3	153-20177	6479 mm	6975.5 mm	13454.5 mm	
4	153-20394	1534.5 mm	13457.5 mm	14992 mm	

Bar 16 | HEA200 / S355JR | S12 | 12000 mm

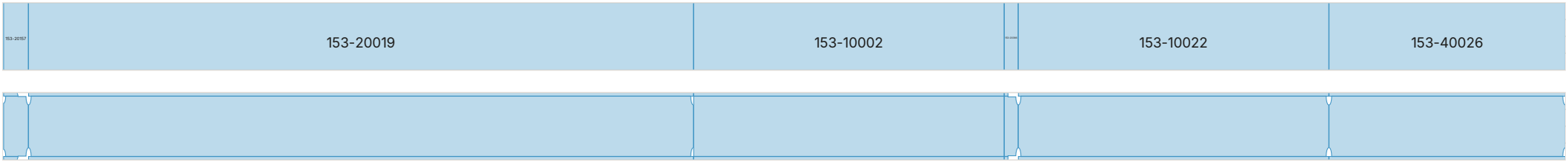


Leftover 0 mm | Cuts 8

Seq	Part mark	Length	Start	End	Mitre
1	153-10273	2978 mm	13 mm	2991 mm	
2	153-20333	6378 mm	2994 mm	9372 mm	
3	153-20305	367.2 mm	9375 mm	9553.4 mm	Shared
4	153-20305	367.2 mm	9556.4 mm	9923.6 mm	Flipped, Shared
5	153-20305	367.2 mm	9926.6 mm	10105 mm	Shared
6	153-20305	367.2 mm	10108 mm	10475.2 mm	Flipped, Shared
7	153-20459	286.8 mm	10478.2 mm	10765 mm	
8	153-20154	1229 mm	10768 mm	11997 mm	

PLTNest

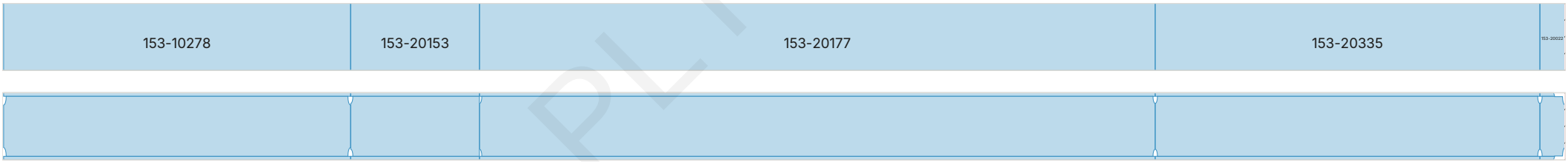
Bar 17 | HEA200 / S355JR | S13 | 15000 mm



Leftover 0.6 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-20157	236.3 mm	13 mm	249.3 mm	
2	153-20019	6378 mm	252.3 mm	6630.3 mm	
3	153-10002	2978 mm	6633.3 mm	9611.3 mm	
4	153-20386	131.3 mm	9614.3 mm	9745.5 mm	
5	153-10022	2978 mm	9748.5 mm	12726.5 mm	
6	153-40026	2266.9 mm	12729.5 mm	14996.4 mm	

Bar 18 | HEA200 / S355JR | S13 | 15000 mm

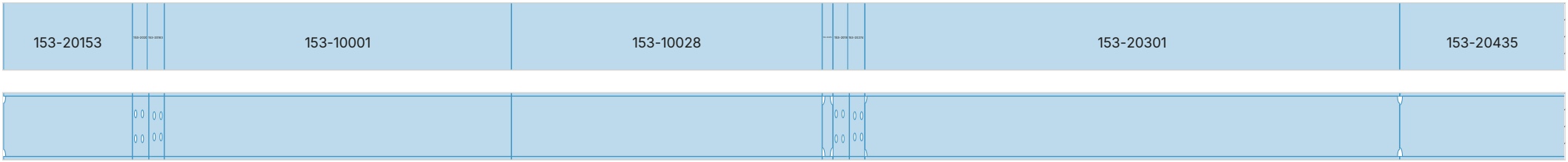


Leftover 6.8 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-10278	3328 mm	13 mm	3341 mm	
2	153-20153	1234 mm	3344 mm	4578 mm	
3	153-20177	6479 mm	4581 mm	11060 mm	
4	153-20335	3688 mm	11063 mm	14751 mm	
5	153-20022	236.3 mm	14754 mm	14990.3 mm	

PLTNest

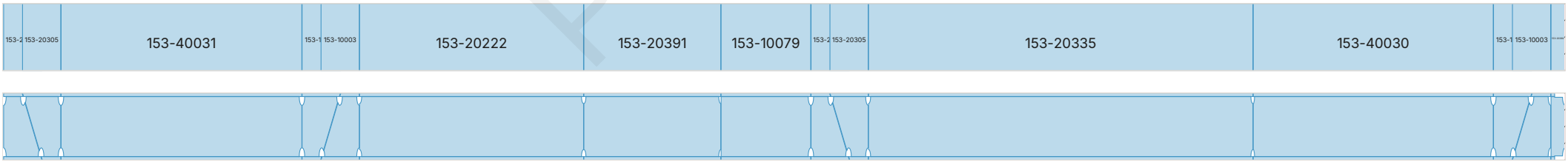
Bar 19 | HEA200 / S355JR | S13 | 15000 mm



Leftover 4.4 mm | Cuts 10

Seq	Part mark	Length	Start	End	Mitre
1	153-20153	1234 mm	13 mm	1247 mm	
2	153-20205	172.9 mm	1250 mm	1387.2 mm	Shared
3	153-20183	162.9 mm	1390.2 mm	1553 mm	Flipped, Rolled, Shared
4	153-10001	3328 mm	1556 mm	4884 mm	
5	153-10028	2978 mm	4887 mm	7865 mm	
6	153-10375	100 mm	7868 mm	7968 mm	
7	153-20182	172.9 mm	7971 mm	8108.2 mm	Shared
8	153-20274	162.9 mm	8111.2 mm	8274.1 mm	Flipped, Rolled, Shared
9	153-20301	5128.5 mm	8277.1 mm	13405.6 mm	
10	153-20435	1584 mm	13408.6 mm	14992.6 mm	

Bar 20 | HEA200 / S355JR | S13 | 15000 mm



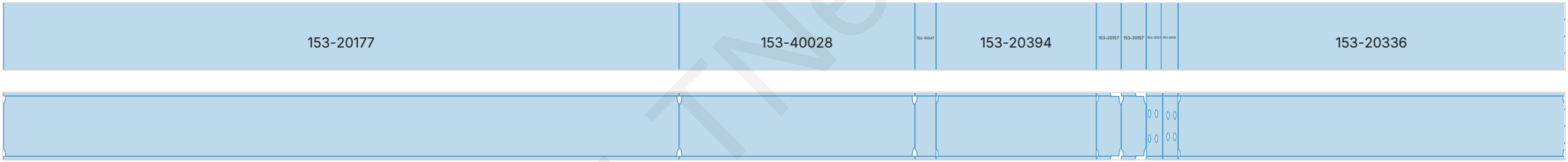
Leftover 6.7 mm | Cuts 15

Seq	Part mark	Length	Start	End	Mitre
1	153-20305	367.2 mm	13 mm	191.4 mm	Shared
2	153-20305	367.2 mm	194.4 mm	561.6 mm	Flipped, Shared
3	153-40031	2309.3 mm	564.6 mm	2873.9 mm	
4	153-10003	367.2 mm	2876.9 mm	3055.4 mm	Flipped, Shared
5	153-10003	367.2 mm	3058.4 mm	3425.6 mm	Shared

PLTNest

Seq	Part mark	Length	Start	End	Mitre
6	153-20222	2148.5 mm	3428.6 mm	5577.1 mm	
7	153-20391	1313.5 mm	5580.1 mm	6893.6 mm	
8	153-10079	860 mm	6896.6 mm	7756.6 mm	
9	153-20305	367.2 mm	7759.6 mm	7938 mm	Shared
10	153-20305	367.2 mm	7941 mm	8308.2 mm	Flipped, Shared
11	153-20335	3688 mm	8311.2 mm	11999.2 mm	
12	153-40030	2302.2 mm	12002.2 mm	14304.4 mm	
13	153-10003	367.2 mm	14307.4 mm	14485.8 mm	Flipped, Shared
14	153-10003	367.2 mm	14488.8 mm	14856.1 mm	Shared
15	153-20386	131.3 mm	14859.1 mm	14990.3 mm	

Bar 21 | HEA200 / S355JR | S13 | 15000 mm

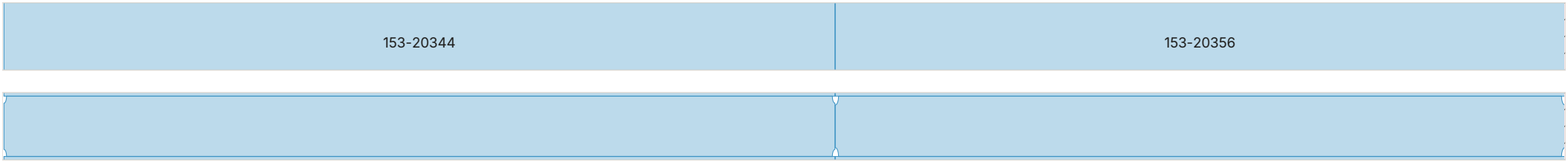


Leftover 6.2 mm | Cuts 9

Seq	Part mark	Length	Start	End	Mitre
1	153-20177	6479 mm	13 mm	6492 mm	
2	153-40028	2259.8 mm	6495 mm	8754.8 mm	
3	153-10047	200 mm	8757.8 mm	8957.8 mm	
4	153-20394	1534.5 mm	8960.8 mm	10495.3 mm	
5	153-20157	236.3 mm	10498.3 mm	10734.6 mm	
6	153-20157	236.3 mm	10737.6 mm	10973.8 mm	
7	153-20273	171.2 mm	10976.8 mm	11115.7 mm	Shared
8	153-20181	161.2 mm	11118.7 mm	11279.8 mm	Flipped, Rolled, Shared
9	153-20336	3708 mm	11282.8 mm	14990.8 mm	

PLTNest

Bar 22 | HEA200 / S355JR | S12 | 12000 mm



Leftover 4.5 mm | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20344	6378 mm	13 mm	6391 mm	
2	153-20356	5598.5 mm	6394 mm	11992.5 mm	

PLTNest

Bar 23 | HEA200 / S355JR | S13 | 15000 mm

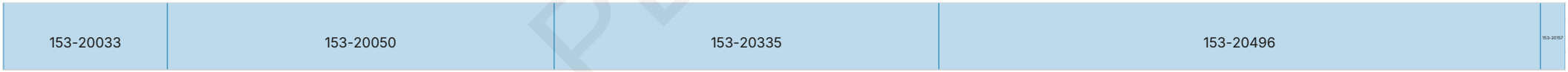




Leftover 7.6 mm | Cuts 9

Seq	Part mark	Length	Start	End	Mitre
1	153-10301	860 mm	13 mm	873 mm	
2	153-20153	1234 mm	876 mm	2110 mm	
3	153-20035	3718 mm	2113 mm	5831 mm	
4	153-40026	2266.9 mm	5834 mm	8100.9 mm	
5	153-10278	3328 mm	8103.9 mm	11431.9 mm	
6	153-10273	2978 mm	11434.9 mm	14412.9 mm	
7	153-10047	200 mm	14415.9 mm	14615.9 mm	
8	153-20157	236.3 mm	14618.9 mm	14855.1 mm	
9	153-20386	131.3 mm	14858.1 mm	14989.4 mm	

Bar 24 | HEA200 / S355JR | S13 | 15000 mm



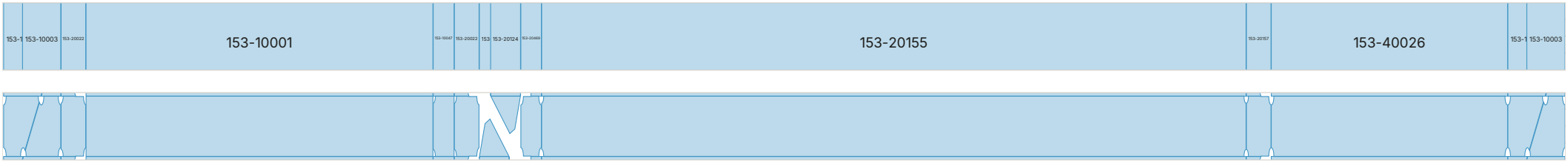


Leftover 2.8 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20033	1569 mm	13 mm	1582 mm	
2	153-20050	3708 mm	1585 mm	5293 mm	
3	153-20335	3688 mm	5296 mm	8984 mm	
4	153-20496	5768 mm	8987 mm	14755 mm	
5	153-20157	236.3 mm	14758 mm	14994.3 mm	

PL Nest

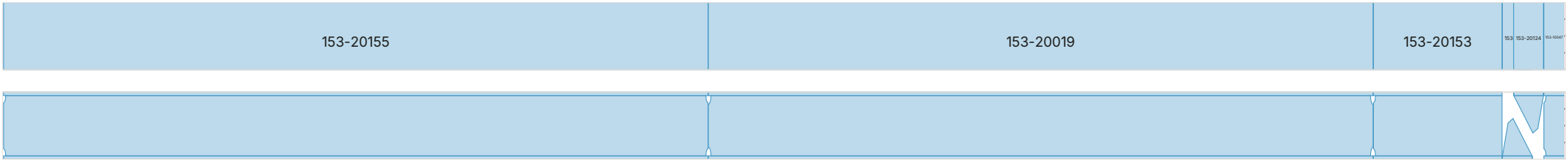
Bar 25 | HEA200 / S355JR | S13 | 15000 mm



Leftover 3.2 mm | Cuts 14

Seq	Part mark	Length	Start	End	Mitre
1	153-10003	367.2 mm	13 mm	191.5 mm	Flipped, Shared
2	153-10003	367.2 mm	194.5 mm	561.7 mm	Shared
3	153-20022	236.3 mm	564.7 mm	800.9 mm	
4	153-10001	3328 mm	803.9 mm	4131.9 mm	
5	153-10047	200 mm	4134.9 mm	4334.9 mm	
6	153-20022	236.3 mm	4337.9 mm	4574.2 mm	
7	153-20124	286.8 mm	4577.2 mm	4682.5 mm	Shared
8	153-20124	286.8 mm	4685.5 mm	4972.3 mm	Flipped, Shared
9	153-20469	196.8 mm	4975.3 mm	5172 mm	
10	153-20155	6758 mm	5175 mm	11933 mm	
11	153-20157	236.3 mm	11936 mm	12172.3 mm	
12	153-40026	2266.9 mm	12175.3 mm	14442.2 mm	
13	153-10003	367.2 mm	14445.2 mm	14623.6 mm	Flipped, Shared
14	153-10003	367.2 mm	14626.6 mm	14993.8 mm	Shared

Bar 26 | HEA200 / S355JR | S13 | 15000 mm



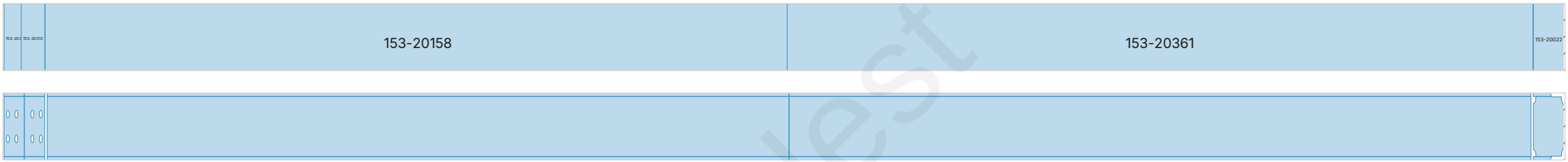
Leftover 6.9 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-20155	6758 mm	13 mm	6771 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
2	153-20019	6378 mm	6774 mm	13152 mm	
3	153-20153	1234 mm	13155 mm	14389 mm	
4	153-20124	286.8 mm	14392 mm	14497.3 mm	Shared
5	153-20124	286.8 mm	14500.3 mm	14787.1 mm	Flipped, Shared
6	153-10047	200 mm	14790.1 mm	14990.1 mm	

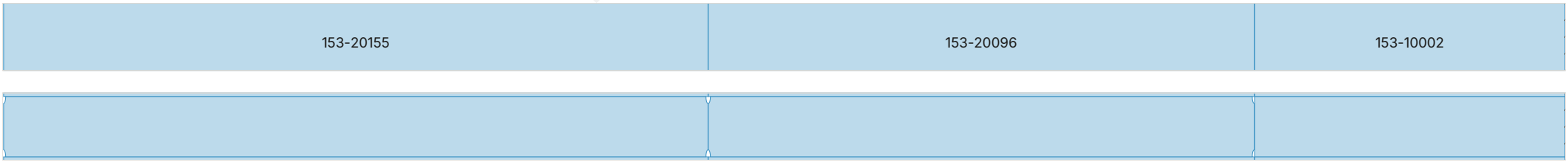
Bar 27 | HEA200 / S355JR | S12 | 12000 mm



Leftover 9 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20313	180.3 mm	13 mm	142.8 mm	Shared
2	153-20313	180.3 mm	145.8 mm	326.1 mm	Flipped, Shared
3	153-20158	5724.6 mm	329.1 mm	6021.2 mm	Shared
4	153-20361	5724.6 mm	6024.2 mm	11748.8 mm	Rolled, Shared
5	153-20022	236.3 mm	11751.8 mm	11988 mm	

Bar 28 | HEA200 / S355JR | S13 | 15000 mm

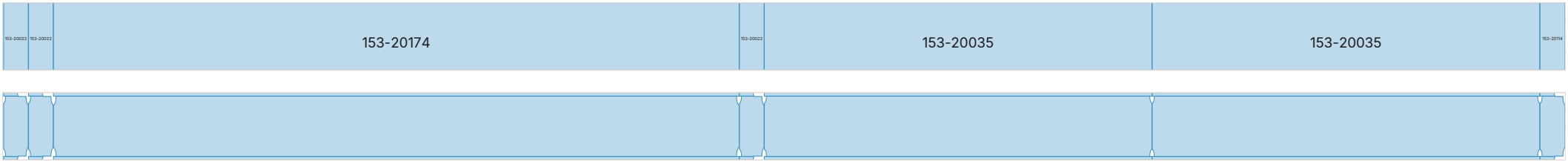


Leftover 4 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20155	6758 mm	13 mm	6771 mm	
2	153-20096	5238 mm	6774 mm	12012 mm	
3	153-10002	2978 mm	12015 mm	14993 mm	

PLTNest

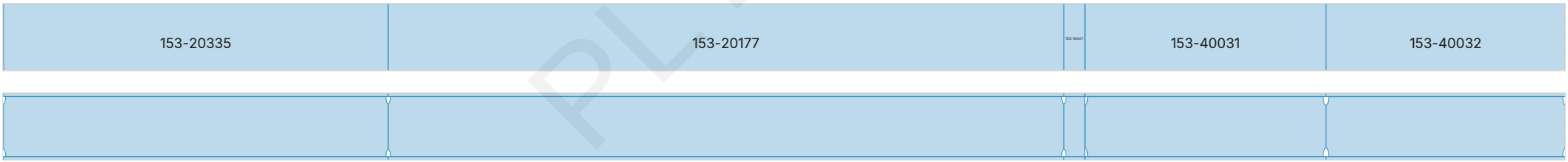
Bar 29 | HEA200 / S355JR | S13 | 15000 mm



Leftover 3 mm | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-20022	236.3 mm	13 mm	249.3 mm	
2	153-20022	236.3 mm	252.3 mm	488.5 mm	
3	153-20174	6578 mm	491.5 mm	7069.5 mm	
4	153-20022	236.3 mm	7072.5 mm	7308.8 mm	
5	153-20035	3718 mm	7311.8 mm	11029.8 mm	
6	153-20035	3718 mm	11032.8 mm	14750.8 mm	
7	153-20114	240.2 mm	14753.8 mm	14994 mm	

Bar 30 | HEA200 / S355JR | S13 | 15000 mm

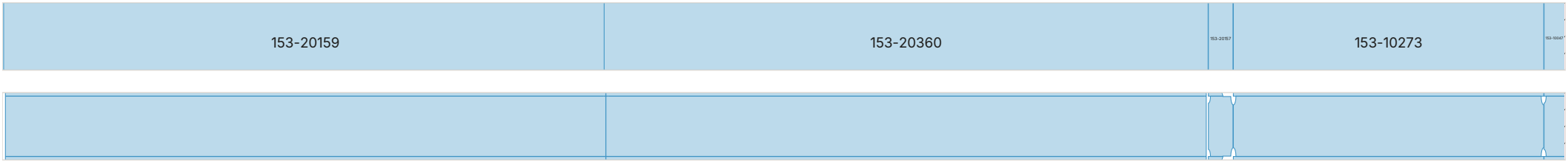


Leftover 0.6 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20335	3688 mm	13 mm	3701 mm	
2	153-20177	6479 mm	3704 mm	10183 mm	
3	153-10047	200 mm	10186 mm	10386 mm	
4	153-40031	2309.3 mm	10389 mm	12698.3 mm	
5	153-40032	2295.2 mm	12701.3 mm	14996.5 mm	

PLTNest

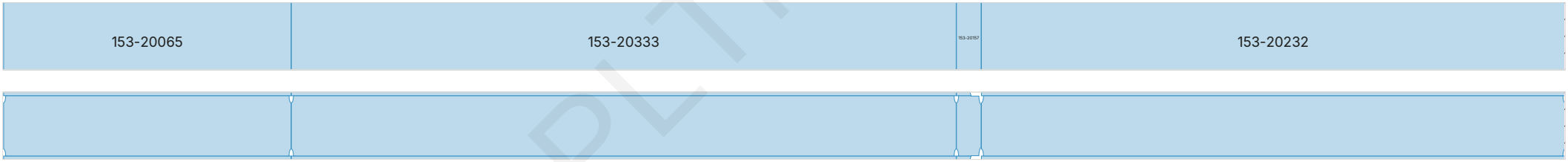
Bar 31 | HEA200 / S355JR | S13 | 15000 mm



Leftover 4.9 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20159	5794.4 mm	13 mm	5771.5 mm	Shared
2	153-20360	5794.4 mm	5774.5 mm	11568.8 mm	Rolled, Shared
3	153-20157	236.3 mm	11571.8 mm	11808.1 mm	
4	153-10273	2978 mm	11811.1 mm	14789.1 mm	
5	153-10047	200 mm	14792.1 mm	14992.1 mm	

Bar 32 | HEA200 / S355JR | S13 | 15000 mm

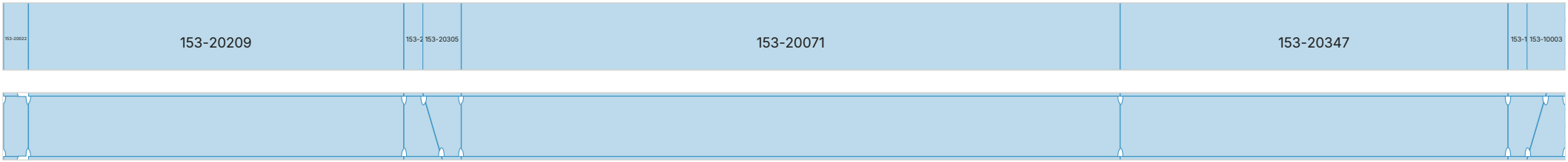


Leftover 4.3 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20065	2758 mm	13 mm	2771 mm	
2	153-20333	6378 mm	2774 mm	9152 mm	
3	153-20157	236.3 mm	9155 mm	9391.3 mm	
4	153-20232	5598.5 mm	9394.3 mm	14992.8 mm	

PLTNest

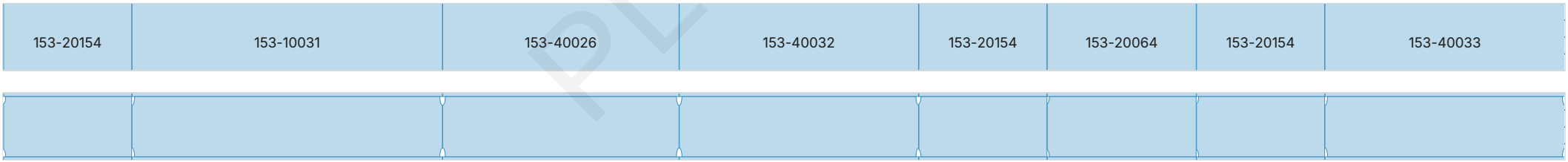
Bar 33 | HEA200 / S355JR | S13 | 15000 mm



Leftover 1 mm | Cuts 8

Seq	Part mark	Length	Start	End	Mitre
1	153-20022	236.3 mm	13 mm	249.3 mm	
2	153-20209	3598.5 mm	252.3 mm	3850.8 mm	
3	153-20305	367.2 mm	3853.8 mm	4032.2 mm	Shared
4	153-20305	367.2 mm	4035.2 mm	4402.4 mm	Flipped, Shared
5	153-20071	6318 mm	4405.4 mm	10723.4 mm	
6	153-20347	3718 mm	10726.4 mm	14444.4 mm	
7	153-10003	367.2 mm	14447.4 mm	14625.8 mm	Flipped, Shared
8	153-10003	367.2 mm	14628.8 mm	14996 mm	Shared

Bar 34 | HEA200 / S355JR | S13 | 15000 mm



Leftover 4.8 mm | Cuts 8

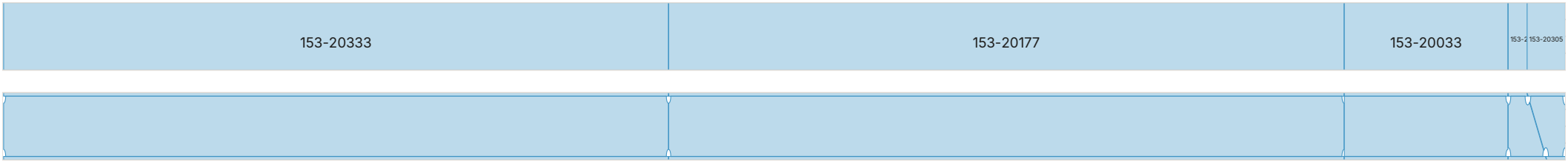
Seq	Part mark	Length	Start	End	Mitre
1	153-20154	1229 mm	13 mm	1242 mm	
2	153-10031	2978 mm	1245 mm	4223 mm	
3	153-40026	2266.9 mm	4226 mm	6492.9 mm	
4	153-40032	2295.2 mm	6495.9 mm	8791 mm	
5	153-20154	1229 mm	8794 mm	10023 mm	
6	153-20064	1429 mm	10026 mm	11455 mm	
7	153-20154	1229 mm	11458 mm	12687 mm	

PL Nest

Seq	Part mark	Length	Start	End	Mitre
8	153-40033	2302.2 mm	12690 mm	14992.2 mm	

PLTNest

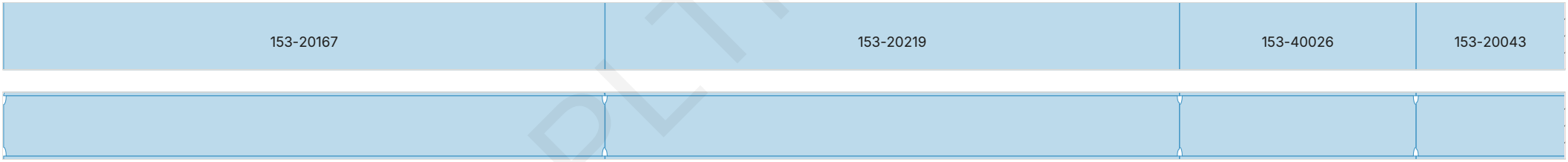
Bar 35 | HEA200 / S355JR | S13 | 15000 mm



Leftover 0.4 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20333	6378 mm	13 mm	6391 mm	
2	153-20177	6479 mm	6394 mm	12873 mm	
3	153-20033	1569 mm	12876 mm	14445 mm	
4	153-20305	367.2 mm	14448 mm	14626.4 mm	Shared
5	153-20305	367.2 mm	14629.4 mm	14996.6 mm	Flipped, Shared

Bar 36 | HEA200 / S355JR | S13 | 15000 mm

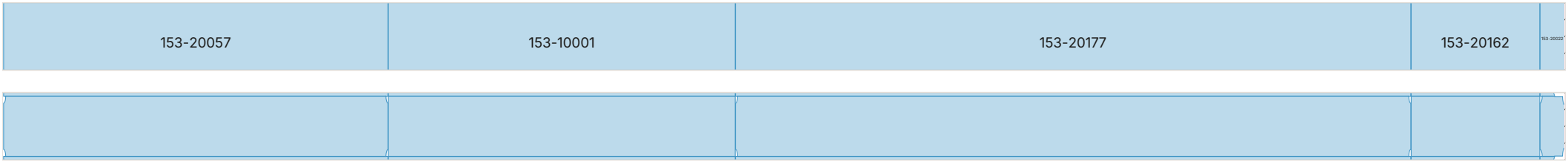


Leftover 7.1 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20167	5768 mm	13 mm	5781 mm	
2	153-20219	5509 mm	5784 mm	11293 mm	
3	153-40026	2266.9 mm	11296 mm	13562.9 mm	
4	153-20043	1424 mm	13565.9 mm	14989.9 mm	

PLTNest

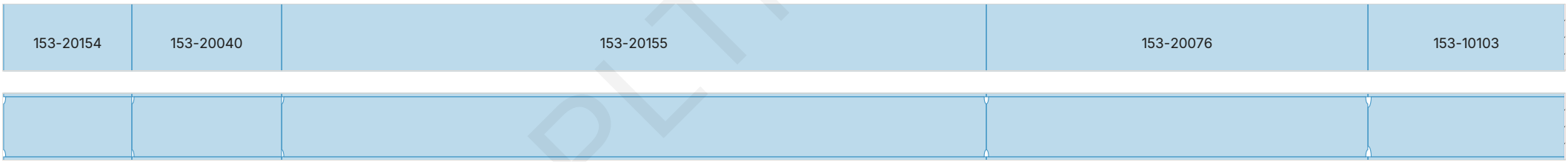
Bar 37 | HEA200 / S355JR | S13 | 15000 mm



Leftover 6.8 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20057	3688 mm	13 mm	3701 mm	
2	153-10001	3328 mm	3704 mm	7032 mm	
3	153-20177	6479 mm	7035 mm	13514 mm	
4	153-20162	1234 mm	13517 mm	14751 mm	
5	153-20022	236.3 mm	14754 mm	14990.3 mm	

Bar 38 | HEA200 / S355JR | S13 | 15000 mm

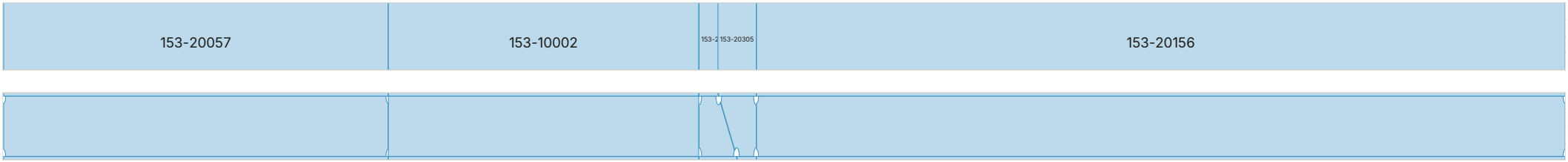


Leftover 8 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20154	1229 mm	13 mm	1242 mm	
2	153-20040	1434 mm	1245 mm	2679 mm	
3	153-20155	6758 mm	2682 mm	9440 mm	
4	153-20076	3658 mm	9443 mm	13101 mm	
5	153-10103	1885 mm	13104 mm	14989 mm	

PLTNest

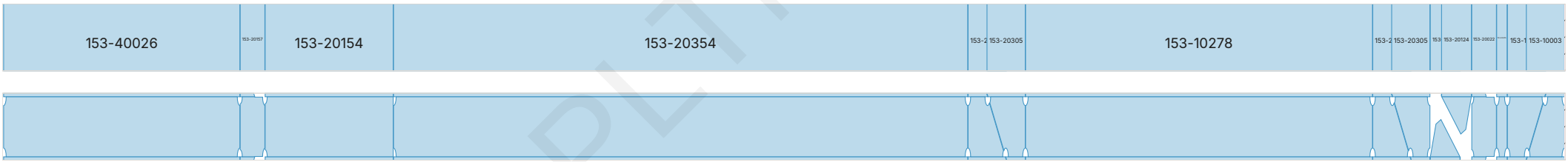
Bar 39 | HEA200 / S355JR | S13 | 15000 mm



Leftover 2.4 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20057	3688 mm	13 mm	3701 mm	
2	153-10002	2978 mm	3704 mm	6682 mm	
3	153-20305	367.2 mm	6685 mm	6863.4 mm	Shared
4	153-20305	367.2 mm	6866.4 mm	7233.6 mm	Flipped, Shared
5	153-20156	7758 mm	7236.6 mm	14994.6 mm	

Bar 40 | HEA200 / S355JR | S13 | 15000 mm



Leftover 7.6 mm | Cuts 15

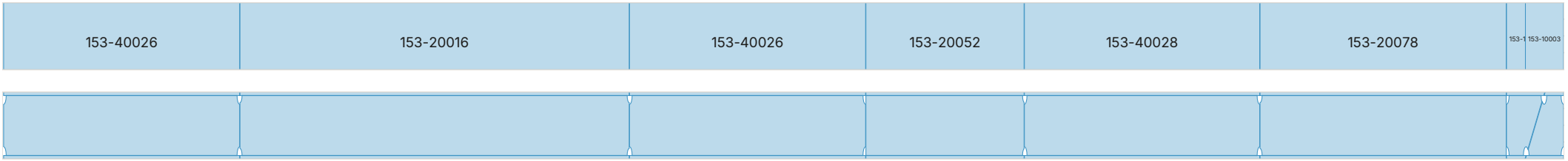
Seq	Part mark	Length	Start	End	Mitre
1	153-40026	2266.9 mm	13 mm	2279.9 mm	
2	153-20157	236.3 mm	2282.9 mm	2519.1 mm	
3	153-20154	1229 mm	2522.1 mm	3751.1 mm	
4	153-20354	5509 mm	3754.1 mm	9263.1 mm	
5	153-20305	367.2 mm	9266.1 mm	9444.6 mm	Shared
6	153-20305	367.2 mm	9447.6 mm	9814.7 mm	Flipped, Shared
7	153-10278	3328 mm	9817.7 mm	13145.7 mm	
8	153-20305	367.2 mm	13148.7 mm	13327.2 mm	Shared
9	153-20305	367.2 mm	13330.2 mm	13697.3 mm	Flipped, Shared
10	153-20124	286.8 mm	13700.3 mm	13805.7 mm	Shared

PLTNest

Seq	Part mark	Length	Start	End	Mitre
11	153-20124	286.8 mm	13808.7 mm	14095.4 mm	Flipped, Shared
12	153-20022	236.3 mm	14098.4 mm	14334.7 mm	
13	153-10375	100 mm	14337.7 mm	14437.7 mm	
14	153-10003	367.2 mm	14440.7 mm	14619.1 mm	Flipped, Shared
15	153-10003	367.2 mm	14622.1 mm	14989.4 mm	Shared

PLTNest

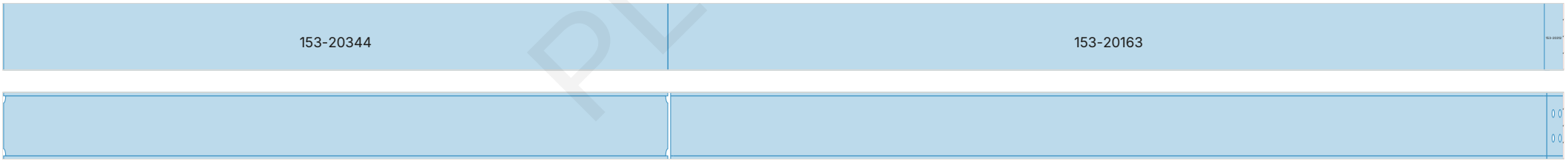
Bar 41 | HEA200 / S355JR | S13 | 15000 mm



Leftover 2.8 mm | Cuts 8

Seq	Part mark	Length	Start	End	Mitre
1	153-40026	2266.9 mm	13 mm	2279.9 mm	
2	153-20016	3738 mm	2282.9 mm	6020.9 mm	
3	153-40026	2266.9 mm	6023.9 mm	8290.7 mm	
4	153-20052	1519 mm	8293.7 mm	9812.7 mm	
5	153-40028	2259.8 mm	9815.7 mm	12075.5 mm	
6	153-20078	2364 mm	12078.5 mm	14442.5 mm	
7	153-10003	367.2 mm	14445.5 mm	14624 mm	Flipped, Shared
8	153-10003	367.2 mm	14627 mm	14994.2 mm	Shared

Bar 42 | HEA200 / S355JR | S13 | 15000 mm

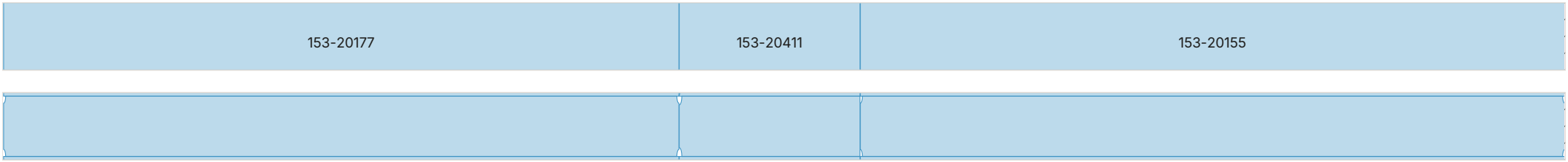


Leftover 7.7 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20344	6378 mm	13 mm	6391 mm	
2	153-20163	8462.5 mm	6394 mm	14806 mm	Shared
3	153-20312	180.3 mm	14809 mm	14989.3 mm	Flipped, Rolled, Shared

PLTNest

Bar 43 | HEA200 / S355JR | S13 | 15000 mm



Leftover 7 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20177	6479 mm	13 mm	6492 mm	
2	153-20411	1734 mm	6495 mm	8229 mm	
3	153-20155	6758 mm	8232 mm	14990 mm	

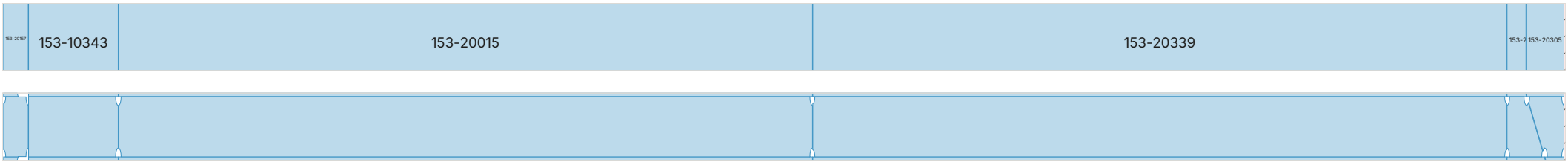
Bar 44 | HEA200 / S355JR | S13 | 15000 mm



Leftover 7.7 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20060	6378 mm	13 mm	6391 mm	
2	153-20163	8462.5 mm	6394 mm	14806 mm	Shared
3	153-20312	180.3 mm	14809 mm	14989.3 mm	Flipped, Rolled, Shared

Bar 45 | HEA200 / S355JR | S13 | 15000 mm

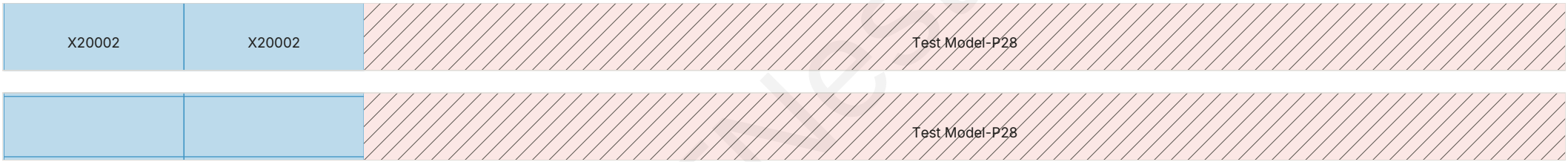


PLTNest

Leftover 11.1 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-20157	236.3 mm	13 mm	249.3 mm	
2	153-10343	860 mm	252.3 mm	1112.3 mm	
3	153-20015	6658 mm	1115.3 mm	7773.3 mm	
4	153-20339	6658 mm	7776.3 mm	14434.3 mm	
5	153-20305	367.2 mm	14437.3 mm	14615.7 mm	Shared
6	153-20305	367.2 mm	14618.7 mm	14985.9 mm	Flipped, Shared

Bar 1 | HEA200 / ZERO_DENSITY | S57 | 12000 mm

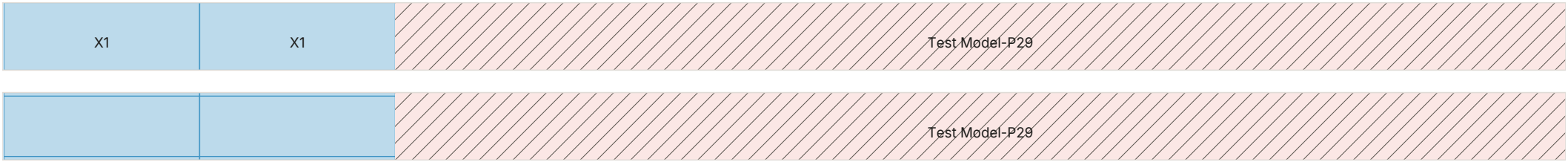


Leftover 9208 mm (Test Model-P28) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	X20002	1380 mm	13 mm	1393 mm	
2	X20002	1380 mm	1396 mm	2776 mm	
R	Test Model-P28	9208 mm	2792 mm	12000 mm	Remnant

PLTNest

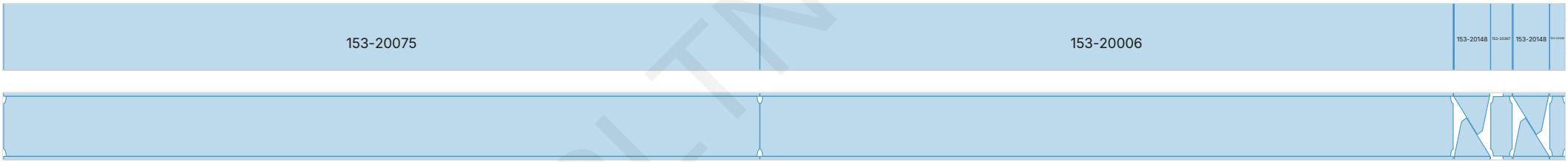
Bar 1 | HEA240 / DUMMY | S55 | 12000 mm



Leftover 8968 mm (Test Model-P29) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	X1	1500 mm	13 mm	1513 mm	
2	X1	1500 mm	1516 mm	3016 mm	
R	Test Model-P29	8968 mm	3032 mm	12000 mm	Remnant

Bar 1 | HEA240 / S355JR | S8 | 15000 mm

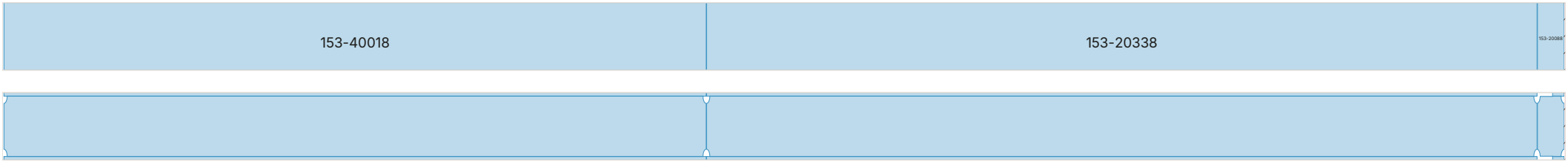


Leftover 0.7 mm | Cuts 8

Seq	Part mark	Length	Start	End	Mitre
1	153-20075	7254 mm	13 mm	7267 mm	
2	153-20006	6650 mm	7270 mm	13920 mm	
3	153-20148	346.8 mm	13923 mm	13927.4 mm	Flipped, Shared
4	153-20148	346.8 mm	13930.4 mm	14277.3 mm	Shared
5	153-20367	205.8 mm	14280.3 mm	14486 mm	
6	153-20148	346.8 mm	14489 mm	14493.4 mm	Flipped, Shared
7	153-20148	346.8 mm	14496.4 mm	14843.3 mm	Shared
8	153-20330	150 mm	14846.3 mm	14996.3 mm	

PLTNest

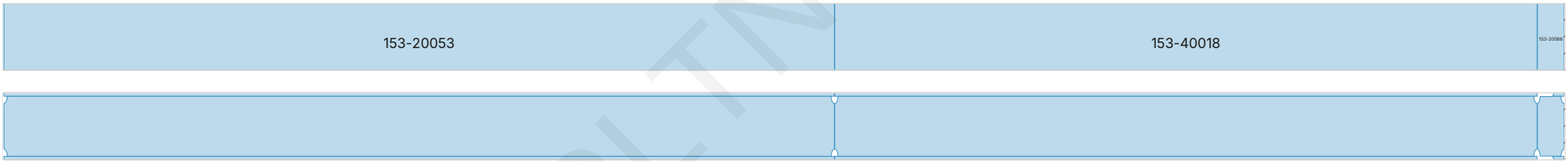
Bar 2 | HEA240 / S355JR | S7 | 12000 mm



Leftover 8.3 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-40018	5389.9 mm	13 mm	5402.9 mm	
2	153-20338	6374 mm	5405.9 mm	11779.9 mm	
3	153-20088	205.8 mm	11782.9 mm	11988.7 mm	

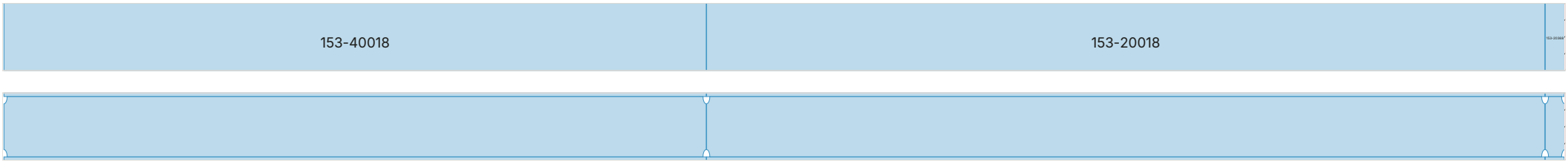
Bar 3 | HEA240 / S355JR | S7 | 12000 mm



Leftover 8.3 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20053	6374 mm	13 mm	6387 mm	
2	153-40018	5389.9 mm	6390 mm	11779.9 mm	
3	153-20066	205.8 mm	11782.9 mm	11988.7 mm	

Bar 4 | HEA240 / S355JR | S7 | 12000 mm

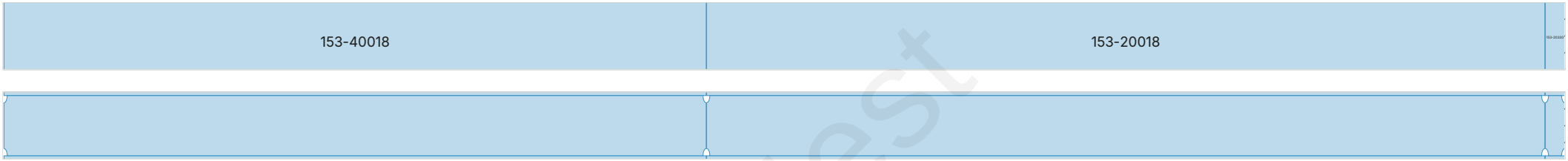


PLTNest

Leftover 4.1 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-40018	5389.9 mm	13 mm	5402.9 mm	
2	153-20018	6434 mm	5405.9 mm	11839.9 mm	
3	153-20368	150 mm	11842.9 mm	11992.9 mm	

Bar 5 | HEA240 / S355JR | S7 | 12000 mm

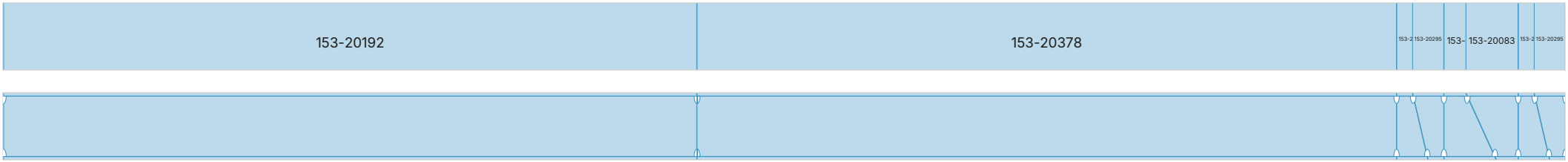


Leftover 4.1 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-40018	5389.9 mm	13 mm	5402.9 mm	
2	153-20018	6434 mm	5405.9 mm	11839.9 mm	
3	153-20330	150 mm	11842.9 mm	11992.9 mm	

PLTNest

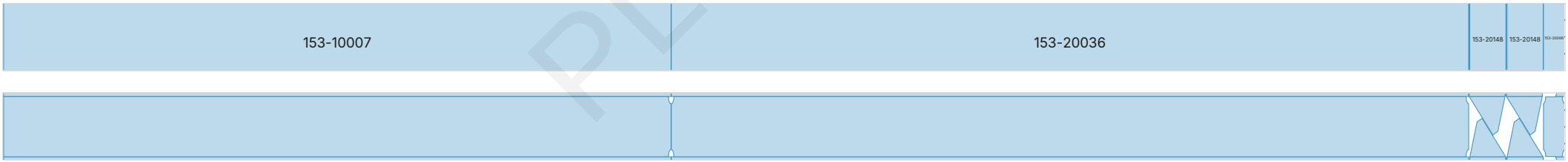
Bar 6 | HEA240 / S355JR | S8 | 15000 mm



Leftover 0.9 mm | Cuts 8

Seq	Part mark	Length	Start	End	Mitre
1	153-20192	6650 mm	13 mm	6663 mm	
2	153-20378	6710 mm	6666 mm	13376 mm	
3	153-20295	298.8 mm	13379 mm	13527.9 mm	Shared
4	153-20295	298.8 mm	13530.9 mm	13829.7 mm	Flipped, Shared
5	153-20083	500 mm	13832.7 mm	14039.4 mm	Shared
6	153-20083	500 mm	14042.4 mm	14542.4 mm	Flipped, Shared
7	153-20295	298.8 mm	14545.4 mm	14694.3 mm	Shared
8	153-20295	298.8 mm	14697.3 mm	14996.1 mm	Flipped, Shared

Bar 7 | HEA240 / S355JR | S8 | 15000 mm

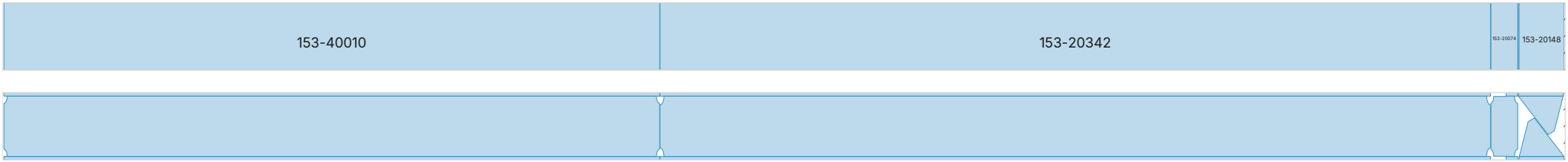


Leftover 4.7 mm | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-10007	6403 mm	13 mm	6416 mm	
2	153-20036	7650 mm	6419 mm	14069 mm	
3	153-20148	346.8 mm	14072 mm	14076.4 mm	Flipped, Shared
4	153-20148	346.8 mm	14079.4 mm	14426.3 mm	Shared
5	153-20148	346.8 mm	14429.3 mm	14433.7 mm	Flipped, Shared
6	153-20148	346.8 mm	14436.7 mm	14783.5 mm	Shared
7	153-20066	205.8 mm	14786.5 mm	14992.3 mm	

PLTNest

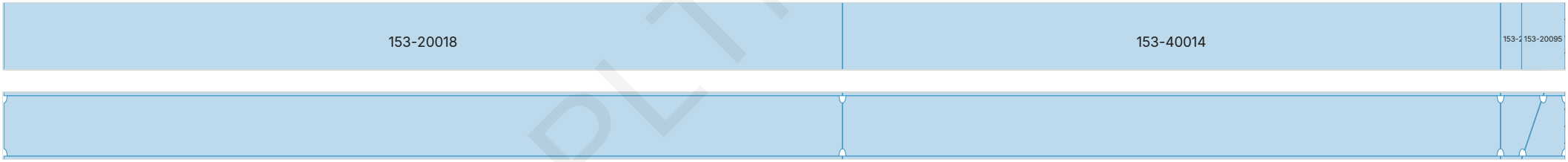
Bar 8 | HEA240 / S355JR | S7 | 12000 mm



Leftover 8.2 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-40010	5032.8 mm	13 mm	5045.8 mm	
2	153-20342	6374 mm	5048.8 mm	11422.8 mm	
3	153-20074	205.8 mm	11425.8 mm	11631.6 mm	
4	153-20148	346.8 mm	11634.6 mm	11639 mm	Flipped, Shared
5	153-20148	346.8 mm	11642 mm	11988.8 mm	Shared

Bar 9 | HEA240 / S355JR | S7 | 12000 mm

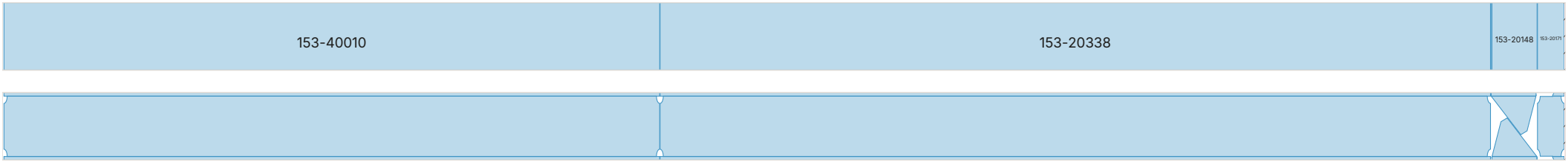


Leftover 2.4 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20018	6434 mm	13 mm	6447 mm	
2	153-40014	5048.3 mm	6450 mm	11498.3 mm	
3	153-20095	332.7 mm	11501.3 mm	11658.9 mm	Shared
4	153-20095	332.7 mm	11661.9 mm	11994.6 mm	Flipped, Shared

PLTNest

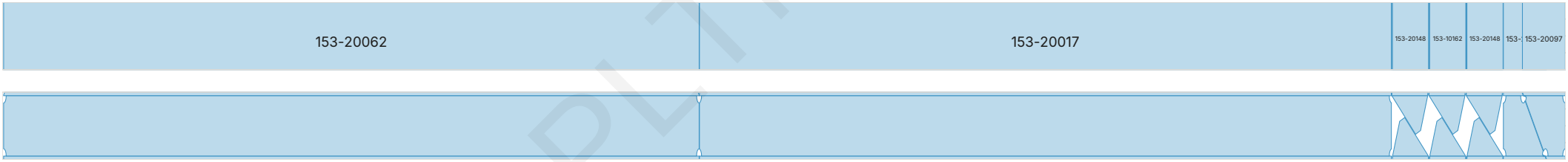
Bar 10 | HEA240 / S355JR | S7 | 12000 mm



Leftover 8.2 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-40010	5032.8 mm	13 mm	5045.8 mm	
2	153-20338	6374 mm	5048.8 mm	11422.8 mm	
3	153-20148	346.8 mm	11425.8 mm	11430.2 mm	Flipped, Shared
4	153-20148	346.8 mm	11433.2 mm	11780.1 mm	Shared
5	153-20171	205.8 mm	11783.1 mm	11988.8 mm	

Bar 11 | HEA240 / S355JR | S8 | 15000 mm

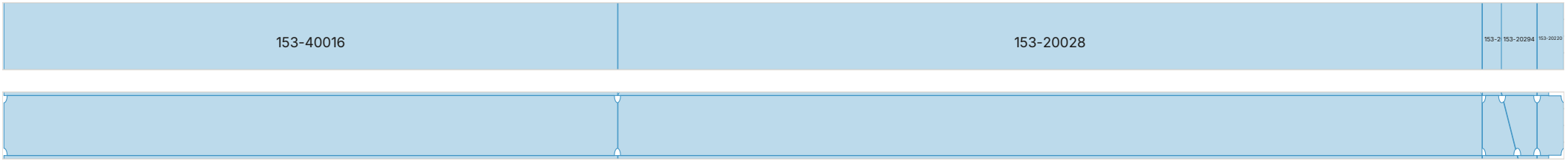


Leftover 1.1 mm | Cuts 10

Seq	Part mark	Length	Start	End	Mitre
1	153-20062	6673 mm	13 mm	6686 mm	
2	153-20017	6638 mm	6689 mm	13327 mm	
3	153-20148	346.8 mm	13330 mm	13334.4 mm	Flipped, Shared
4	153-20148	346.8 mm	13337.4 mm	13684.3 mm	Shared
5	153-10162	346.8 mm	13687.3 mm	13691.7 mm	Flipped, Shared
6	153-10162	346.8 mm	13694.7 mm	14041.5 mm	Shared
7	153-20148	346.8 mm	14044.5 mm	14048.9 mm	Flipped, Shared
8	153-20148	346.8 mm	14051.9 mm	14398.8 mm	Shared
9	153-20097	411.5 mm	14401.8 mm	14581.5 mm	Shared
10	153-20097	411.5 mm	14584.5 mm	14995.9 mm	Flipped, Shared

PLTNest

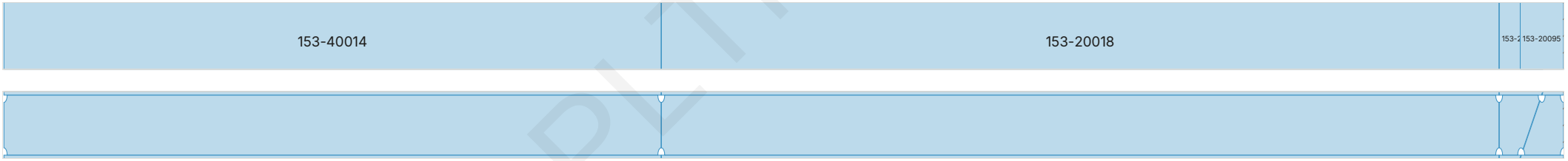
Bar 12 | HEA240 / S355JR | S7 | 12000 mm



Leftover 0.4 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-40016	4714.3 mm	13 mm	4727.3 mm	
2	153-20028	6638 mm	4730.3 mm	11368.3 mm	
3	153-20294	272.8 mm	11371.3 mm	11514 mm	Shared
4	153-20294	272.8 mm	11517 mm	11789.8 mm	Flipped, Shared
5	153-20220	203.8 mm	11792.8 mm	11996.6 mm	

Bar 13 | HEA240 / S355JR | S7 | 12000 mm

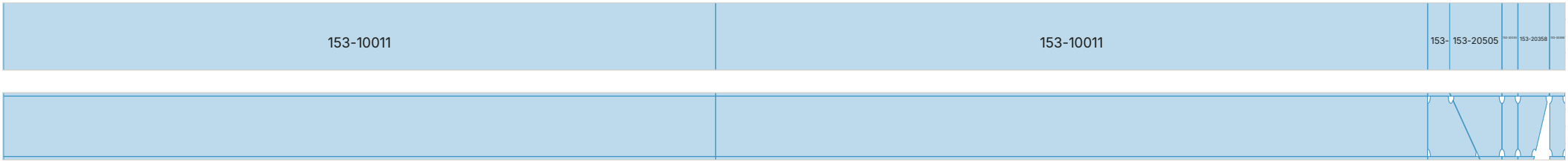


Leftover 2.4 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-40014	5048.3 mm	13 mm	5061.3 mm	
2	153-20018	6434 mm	5064.3 mm	11498.3 mm	
3	153-20095	332.7 mm	11501.3 mm	11658.9 mm	Shared
4	153-20095	332.7 mm	11661.9 mm	11994.6 mm	Flipped, Shared

PLTNest

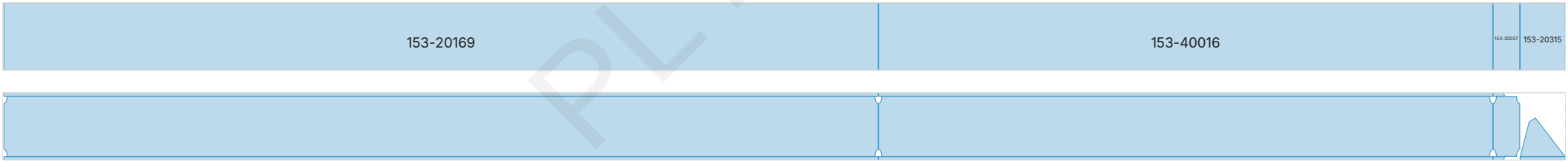
Bar 14 | HEA240 / S355JR | S8 | 15000 mm



Leftover 0.2 mm | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-10011	6829 mm	13 mm	6842 mm	
2	153-10011	6829 mm	6845 mm	13674 mm	
3	153-20083	500 mm	13677 mm	13883.7 mm	Shared
4	153-20505	500 mm	13886.7 mm	14386.8 mm	Shared
5	153-20330	150 mm	14389.8 mm	14539.8 mm	
6	153-20358	301 mm	14542.8 mm	14843.8 mm	
7	153-20368	150 mm	14846.8 mm	14996.8 mm	

Bar 15 | HEA240 / S355JR | S7 | 12000 mm

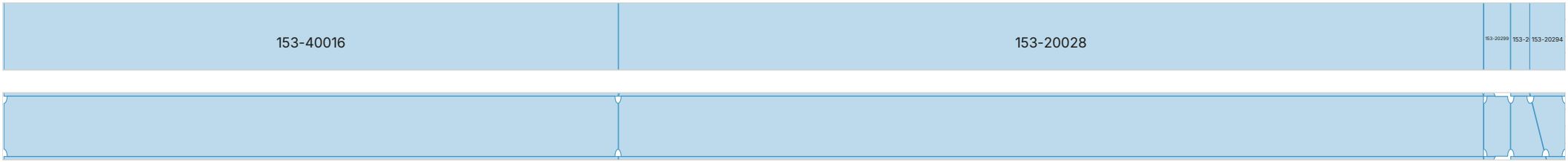


Leftover 0.1 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20169	6710 mm	13 mm	6723 mm	
2	153-40016	4714.3 mm	6726 mm	11440.3 mm	
3	153-20027	203.8 mm	11443.3 mm	11647.1 mm	
4	153-20315	346.8 mm	11650.1 mm	11996.9 mm	

PL TNest

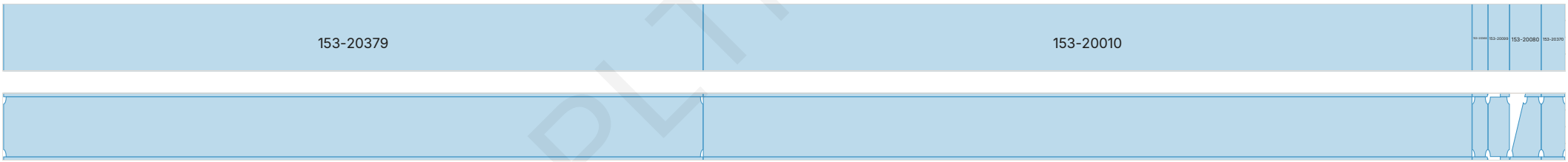
Bar 16 | HEA240 / S355JR | S7 | 12000 mm



Leftover 0.4 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-40016	4714.3 mm	13 mm	4727.3 mm	
2	153-20028	6638 mm	4730.3 mm	11368.3 mm	
3	153-20299	203.8 mm	11371.3 mm	11575.1 mm	
4	153-20294	272.8 mm	11578.1 mm	11720.8 mm	Shared
5	153-20294	272.8 mm	11723.8 mm	11996.6 mm	Flipped, Shared

Bar 17 | HEA240 / S355JR | S8 | 15000 mm

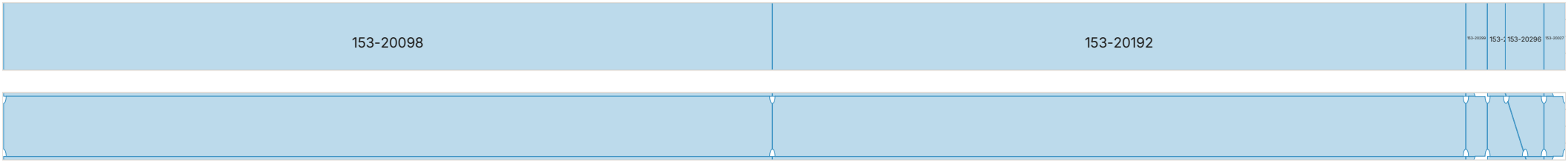


Leftover 0.8 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-20379	6710 mm	13 mm	6723 mm	
2	153-20010	7374 mm	6726 mm	14100 mm	
3	153-20368	150 mm	14103 mm	14253 mm	
4	153-20099	203.8 mm	14256 mm	14459.8 mm	
5	153-20080	301 mm	14462.8 mm	14763.7 mm	
6	153-20370	229.5 mm	14766.7 mm	14996.2 mm	

PLTNest

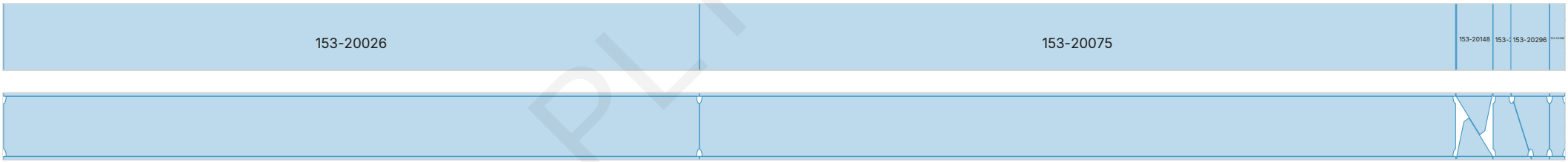
Bar 18 | HEA240 / S355JR | S8 | 15000 mm



Leftover 0.6 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-20098	7374 mm	13 mm	7387 mm	
2	153-20192	6650 mm	7390 mm	14040 mm	
3	153-20299	203.8 mm	14043 mm	14246.8 mm	
4	153-20296	369.3 mm	14249.8 mm	14417.3 mm	Shared
5	153-20296	369.3 mm	14420.3 mm	14789.6 mm	Flipped, Shared
6	153-20027	203.8 mm	14792.6 mm	14996.4 mm	

Bar 19 | HEA240 / S355JR | S8 | 15000 mm

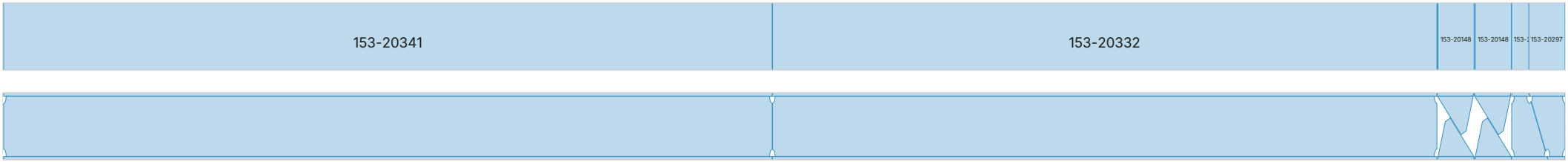


Leftover 0.9 mm | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-20026	6673 mm	13 mm	6686 mm	
2	153-20075	7254 mm	6689 mm	13943 mm	
3	153-20148	346.8 mm	13946 mm	13950.4 mm	Flipped, Shared
4	153-20148	346.8 mm	13953.4 mm	14300.3 mm	Shared
5	153-20296	369.3 mm	14303.3 mm	14470.8 mm	Shared
6	153-20296	369.3 mm	14473.8 mm	14843.1 mm	Flipped, Shared
7	153-20368	150 mm	14846.1 mm	14996.1 mm	

PLTNest

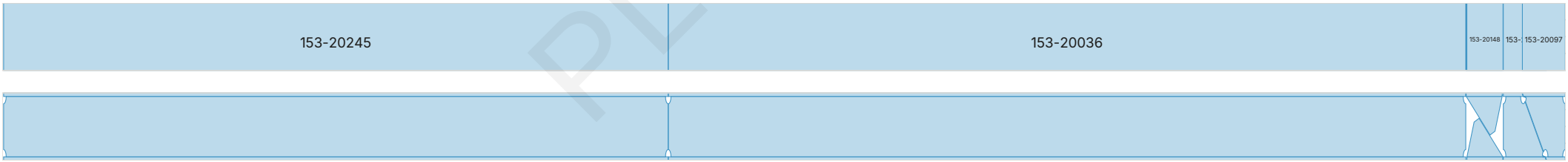
Bar 20 | HEA240 / S355JR | S8 | 15000 mm



Leftover 3.4 mm | Cuts 8

Seq	Part mark	Length	Start	End	Mitre
1	153-20341	7374 mm	13 mm	7387 mm	
2	153-20332	6374 mm	7390 mm	13764 mm	
3	153-20148	346.8 mm	13767 mm	13771.4 mm	Flipped, Shared
4	153-20148	346.8 mm	13774.4 mm	14121.3 mm	Shared
5	153-20148	346.8 mm	14124.3 mm	14128.7 mm	Flipped, Shared
6	153-20148	346.8 mm	14131.7 mm	14478.5 mm	Shared
7	153-20297	347.5 mm	14481.5 mm	14643.1 mm	Shared
8	153-20297	347.5 mm	14646.1 mm	14993.6 mm	Flipped, Shared

Bar 21 | HEA240 / S355JR | S8 | 15000 mm

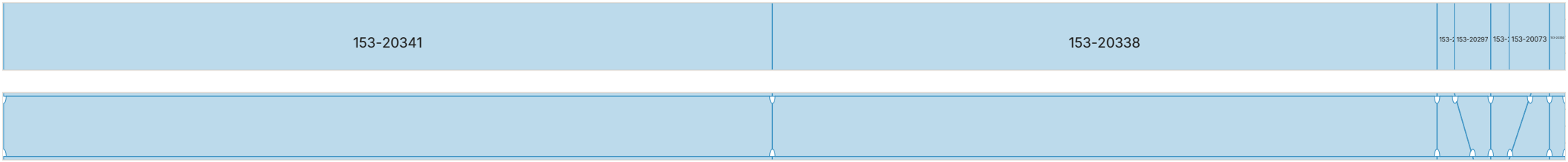


Leftover 1.6 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-20245	6375 mm	13 mm	6388 mm	
2	153-20036	7650 mm	6391 mm	14041 mm	
3	153-10162	346.8 mm	14044 mm	14048.4 mm	Flipped, Shared
4	153-20148	346.8 mm	14051.4 mm	14398.3 mm	Shared
5	153-20097	411.5 mm	14401.3 mm	14581 mm	Shared
6	153-20097	411.5 mm	14584 mm	14995.4 mm	Flipped, Shared

PLTNest

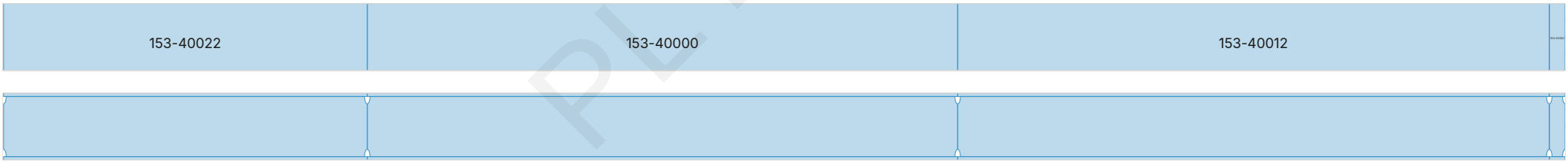
Bar 22 | HEA240 / S355JR | S8 | 15000 mm



Leftover 1.4 mm | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-20341	7374 mm	13 mm	7387 mm	
2	153-20338	6374 mm	7390 mm	13764 mm	
3	153-20297	347.5 mm	13767 mm	13928.6 mm	Shared
4	153-20297	347.5 mm	13931.6 mm	14279.1 mm	Flipped, Shared
5	153-20073	385.4 mm	14282.1 mm	14454.2 mm	Shared
6	153-20073	385.4 mm	14457.2 mm	14842.6 mm	Flipped, Shared
7	153-20330	150 mm	14845.6 mm	14995.6 mm	

Bar 23 | HEA240 / S355JR | S8 | 15000 mm

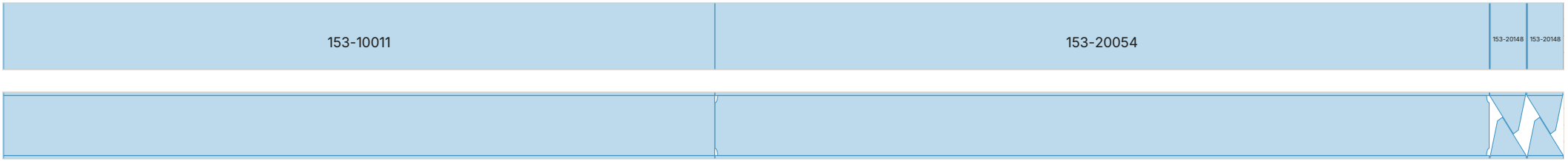


Leftover 3.3 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-40022	3487.4 mm	13 mm	3500.4 mm	
2	153-40000	5661.4 mm	3503.4 mm	9164.8 mm	
3	153-40012	5672.9 mm	9167.8 mm	14840.7 mm	
4	153-20330	150 mm	14843.7 mm	14993.7 mm	

PLTNest

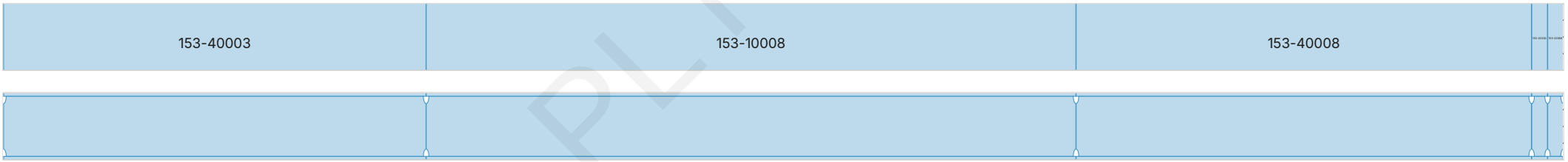
Bar 24 | HEA240 / S355JR | S8 | 15000 mm



Leftover 3.5 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-10011	6829 mm	13 mm	6842 mm	
2	153-20054	7434 mm	6845 mm	14279 mm	
3	153-20148	346.8 mm	14282 mm	14286.4 mm	Flipped, Shared
4	153-20148	346.8 mm	14289.4 mm	14636.3 mm	Shared
5	153-20148	346.8 mm	14639.3 mm	14643.7 mm	Flipped, Shared
6	153-20148	346.8 mm	14646.7 mm	14993.5 mm	Shared

Bar 25 | HEA240 / S355JR | S8 | 15000 mm

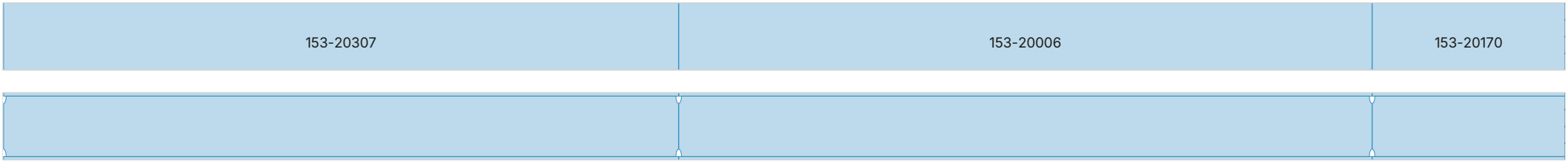


Leftover 5.9 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-40003	4055.9 mm	13 mm	4068.9 mm	
2	153-10008	6238 mm	4071.9 mm	10309.9 mm	
3	153-40008	4372.2 mm	10312.9 mm	14685.1 mm	
4	153-20330	150 mm	14688.1 mm	14838.1 mm	
5	153-20368	150 mm	14841.1 mm	14991.1 mm	

PLTNest

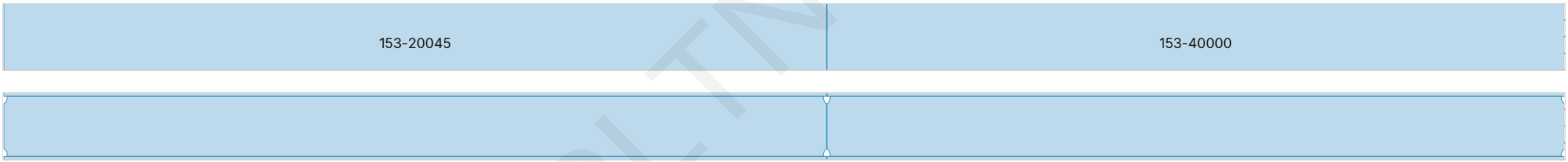
Bar 26 | HEA240 / S355JR | S8 | 15000 mm



Leftover 4 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20307	6475 mm	13 mm	6488 mm	
2	153-20006	6650 mm	6491 mm	13141 mm	
3	153-20170	1849 mm	13144 mm	14993 mm	

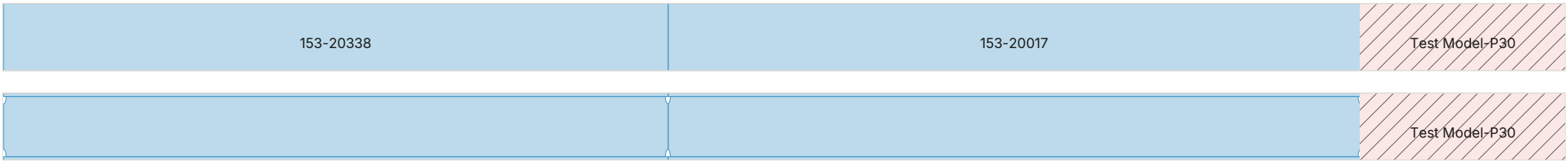
Bar 27 | HEA240 / S355JR | S7 | 12000 mm



Leftover 5.6 mm | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20045	6314 mm	13 mm	6327 mm	
2	153-40000	5661.4 mm	6330 mm	11991.4 mm	

Bar 28 | HEA240 / S355JR | S8 | 15000 mm

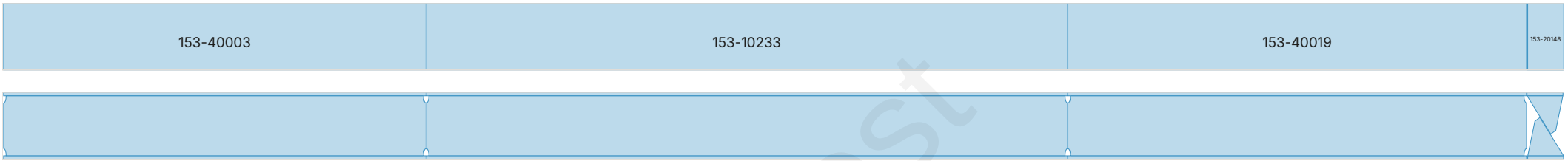


Leftover 1956 mm (Test Model-P30) | Cuts 2

PLTNest

Seq	Part mark	Length	Start	End	Mitre
1	153-20338	6374 mm	13 mm	6387 mm	
2	153-20017	6638 mm	6390 mm	13028 mm	
R	Test Model-P30	1956 mm	13044 mm	15000 mm	Remnant

Bar 29 | HEA240 / S355JR | S8 | 15000 mm

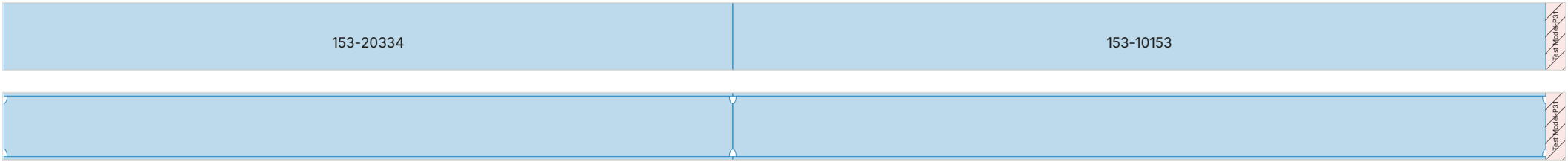


Leftover 1.6 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-40003	4055.9 mm	13 mm	4068.9 mm	
2	153-10233	6158.5 mm	4071.9 mm	10230.4 mm	
3	153-40019	4404.8 mm	10233.4 mm	14638.2 mm	
4	153-20148	346.8 mm	14641.2 mm	14645.6 mm	Flipped, Shared
5	153-20148	346.8 mm	14648.6 mm	14995.4 mm	Shared

PLTNest

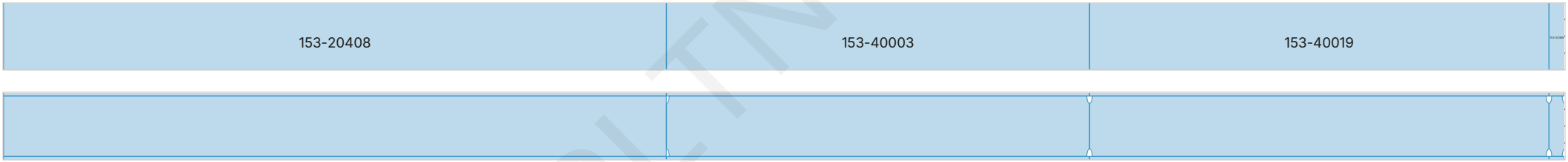
Bar 30 | HEA240 / S355JR | S7 | 12000 mm



Leftover 137.5 mm (Test Model-P31) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20334	5592.5 mm	13 mm	5605.5 mm	
2	153-10153	6238 mm	5608.5 mm	11846.5 mm	
R	Test Model-P31	137.5 mm	11862.5 mm	12000 mm	Remnant

Bar 31 | HEA240 / S355JR | S8 | 15000 mm

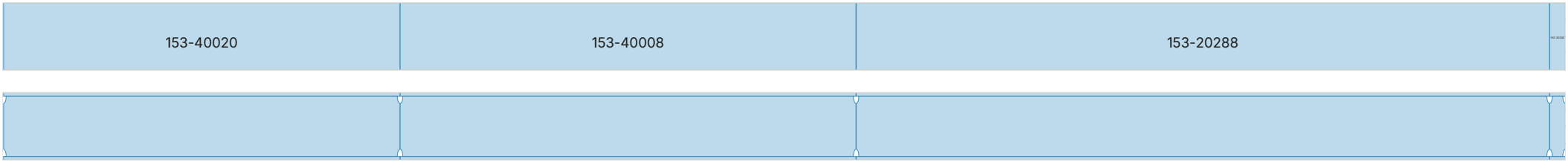


Leftover 6.3 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20408	6358 mm	13 mm	6371 mm	
2	153-40003	4055.9 mm	6374 mm	10429.9 mm	
3	153-40019	4404.8 mm	10432.9 mm	14837.7 mm	
4	153-20368	150 mm	14840.7 mm	14990.7 mm	

PLTNest

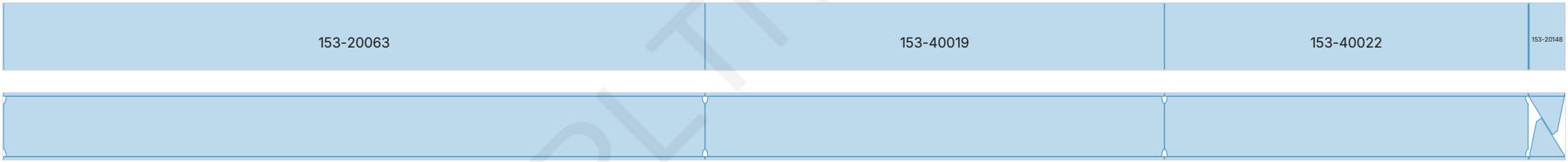
Bar 32 | HEA240 / S355JR | S8 | 15000 mm



Leftover 0.5 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-40020	3802.3 mm	13 mm	3815.3 mm	
2	153-40008	4372.2 mm	3818.3 mm	8190.5 mm	
3	153-20288	6650 mm	8193.5 mm	14843.5 mm	
4	153-20330	150 mm	14846.5 mm	14996.5 mm	

Bar 33 | HEA240 / S355JR | S8 | 15000 mm

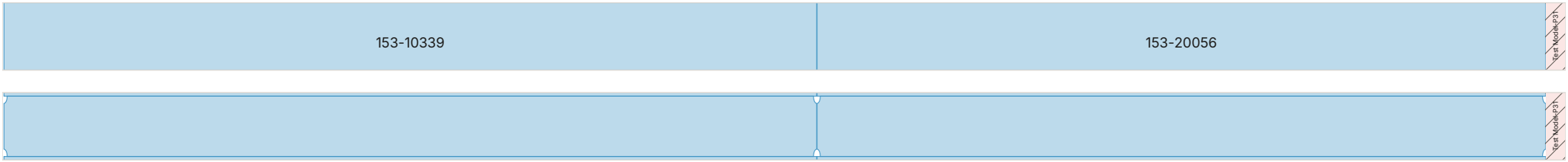


Leftover 0.5 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20063	6728 mm	13 mm	6741 mm	
2	153-40019	4404.8 mm	6744 mm	11148.8 mm	
3	153-40022	3487.4 mm	11151.8 mm	14639.2 mm	
4	153-20148	346.8 mm	14642.2 mm	14646.6 mm	Flipped, Shared
5	153-20148	346.8 mm	14649.6 mm	14996.5 mm	Shared

PLTNest

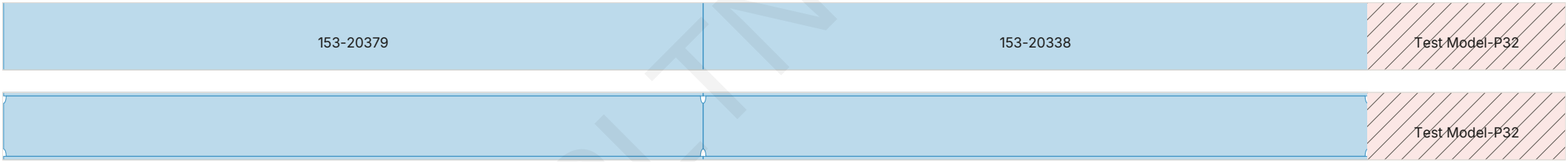
Bar 34 | HEA240 / S355JR | S7 | 12000 mm



Leftover 137.5 mm (Test Model-P31) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10339	6238 mm	13 mm	6251 mm	
2	153-20056	5592.5 mm	6254 mm	11846.5 mm	
R	Test Model-P31	137.5 mm	11862.5 mm	12000 mm	Remnant

Bar 35 | HEA240 / S355JR | S8 | 15000 mm

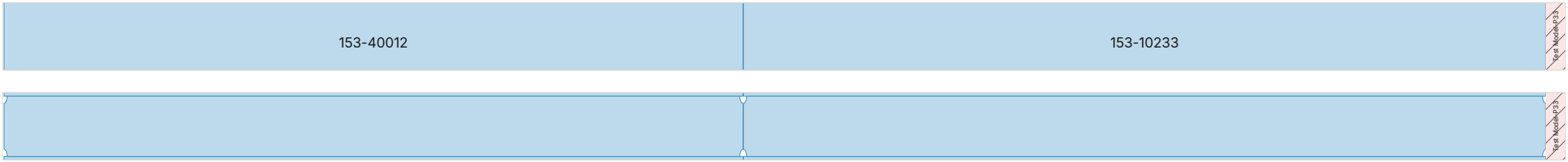


Leftover 1884 mm (Test Model-P32) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20379	6710 mm	13 mm	6723 mm	
2	153-20338	6374 mm	6726 mm	13100 mm	
R	Test Model-P32	1884 mm	13116 mm	15000 mm	Remnant

PLTNest

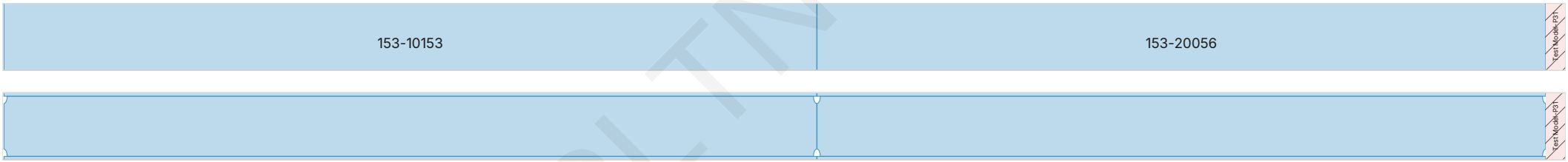
Bar 36 | HEA240 / S355JR | S7 | 12000 mm



Leftover 136.6 mm (Test Model-P33) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-40012	5672.9 mm	13 mm	5685.9 mm	
2	153-10233	6158.5 mm	5688.9 mm	11847.4 mm	
R	Test Model-P33	136.6 mm	11863.4 mm	12000 mm	Remnant

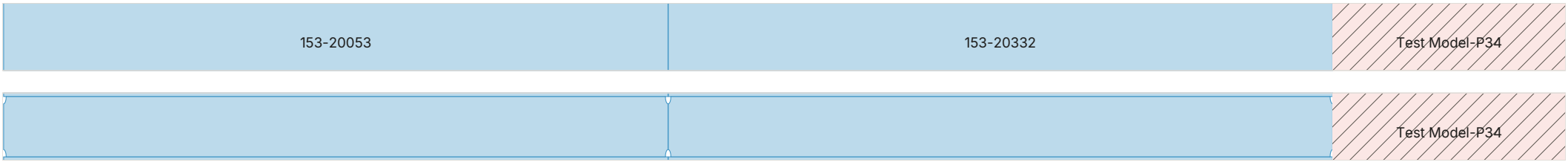
Bar 37 | HEA240 / S355JR | S7 | 12000 mm



Leftover 137.5 mm (Test Model-P31) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10153	6238 mm	13 mm	6251 mm	
2	153-20056	5592.5 mm	6254 mm	11846.5 mm	
R	Test Model-P31	137.5 mm	11862.5 mm	12000 mm	Remnant

Bar 38 | HEA240 / S355JR | S8 | 15000 mm

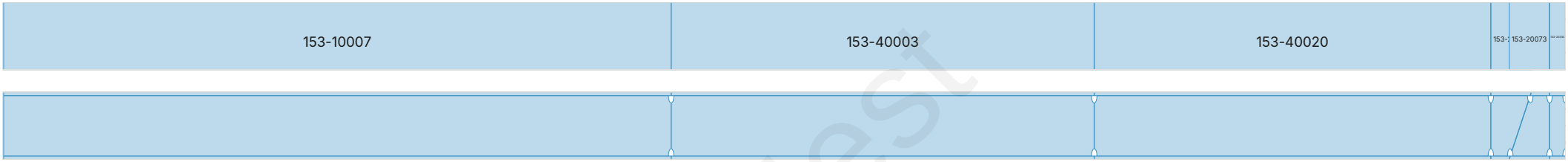


PLTNest

Leftover 2220 mm (Test Model-P34) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20053	6374 mm	13 mm	6387 mm	
2	153-20332	6374 mm	6390 mm	12764 mm	
R	Test Model-P34	2220 mm	12780 mm	15000 mm	Remnant

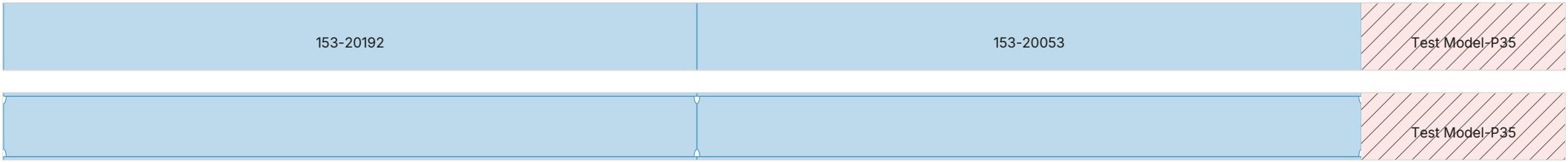
Bar 39 | HEA240 / S355JR | S8 | 15000 mm



Leftover 0.4 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-10007	6403 mm	13 mm	6416 mm	
2	153-40003	4055.9 mm	6419 mm	10474.9 mm	
3	153-40020	3802.3 mm	10477.9 mm	14280.2 mm	
4	153-20073	385.4 mm	14283.2 mm	14455.3 mm	Shared
5	153-20073	385.4 mm	14458.3 mm	14843.6 mm	Flipped, Shared
6	153-20330	150 mm	14846.6 mm	14996.6 mm	

Bar 40 | HEA240 / S355JR | S8 | 15000 mm

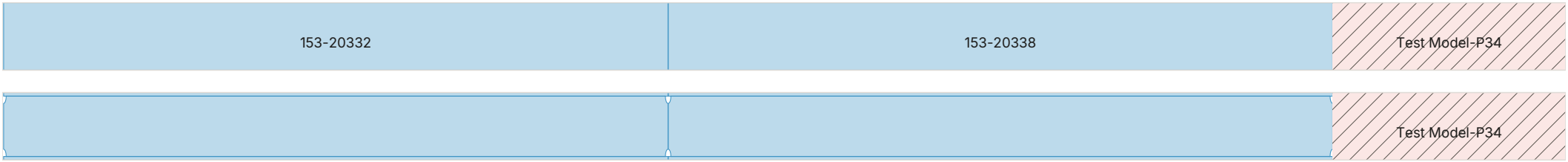


Leftover 1944 mm (Test Model-P35) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20192	6650 mm	13 mm	6663 mm	
2	153-20053	6374 mm	6666 mm	13040 mm	
R	Test Model-P35	1944 mm	13056 mm	15000 mm	Remnant

PLTest

Bar 41 | HEA240 / S355JR | S8 | 15000 mm



Leftover 2220 mm (Test Model-P34) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20332	6374 mm	13 mm	6387 mm	
2	153-20338	6374 mm	6390 mm	12764 mm	
R	Test Model-P34	2220 mm	12780 mm	15000 mm	Remnant

PLTNest

Bar 42 | HEA240 / S355JR | S8 | 15000 mm





Leftover 180.5 mm (Test Model-P36) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20332	6374 mm	13 mm	6387 mm	
2	153-40022	3487.4 mm	6390 mm	9877.4 mm	
3	153-40016	4714.3 mm	9880.4 mm	14594.7 mm	
4	153-20173	205.8 mm	14597.7 mm	14803.5 mm	
R	Test Model-P36	180.5 mm	14819.5 mm	15000 mm	Remnant

Bar 43 | HEA240 / S355JR | S8 | 15000 mm



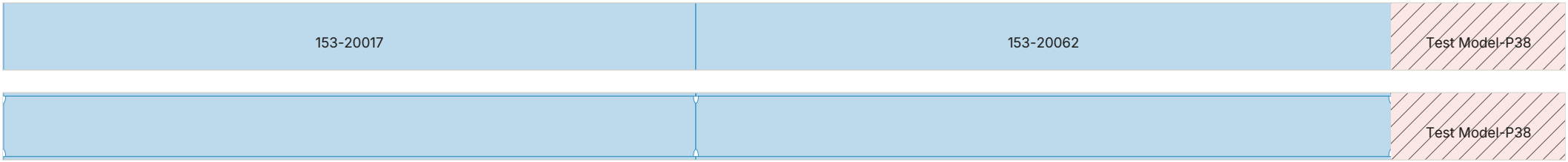


Leftover 1705 mm (Test Model-P37) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20063	6728 mm	13 mm	6741 mm	
2	153-20152	6535 mm	6744 mm	13279 mm	
R	Test Model-P37	1705 mm	13295 mm	15000 mm	Remnant

PLTNest

Bar 44 | HEA240 / S355JR | S8 | 15000 mm



Leftover 1657 mm (Test Model-P38) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20017	6638 mm	13 mm	6651 mm	
2	153-20062	6673 mm	6654 mm	13327 mm	
R	Test Model-P38	1657 mm	13343 mm	15000 mm	Remnant

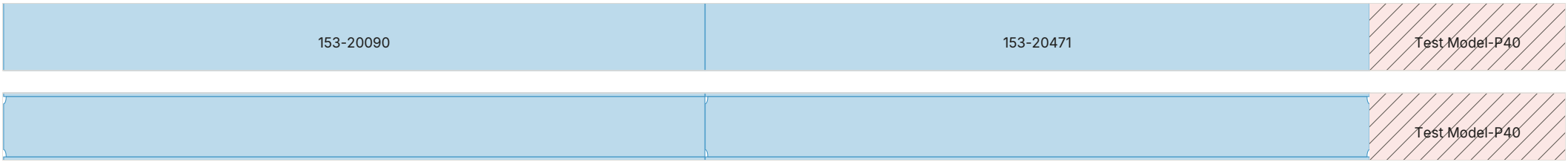
Bar 45 | HEA240 / S355JR | S8 | 15000 mm



Leftover 1921 mm (Test Model-P39) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20053	6374 mm	13 mm	6387 mm	
2	153-20062	6673 mm	6390 mm	13063 mm	
R	Test Model-P39	1921 mm	13079 mm	15000 mm	Remnant

Bar 46 | HEA240 / S355JR | S8 | 15000 mm

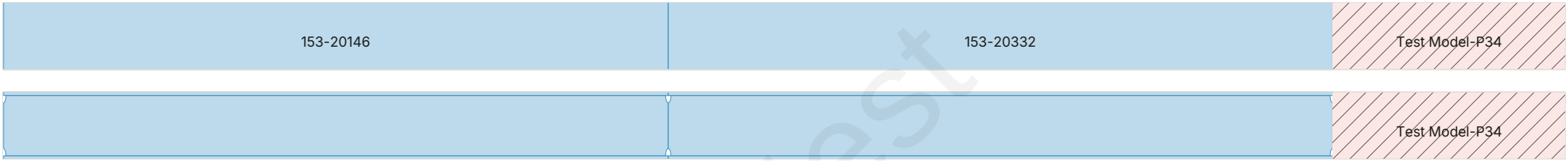


PLTNest

Leftover 1866 mm (Test Model-P40) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20090	6728 mm	13 mm	6741 mm	
2	153-20471	6374 mm	6744 mm	13118 mm	
R	Test Model-P40	1866 mm	13134 mm	15000 mm	Remnant

Bar 47 | HEA240 / S355JR | S8 | 15000 mm

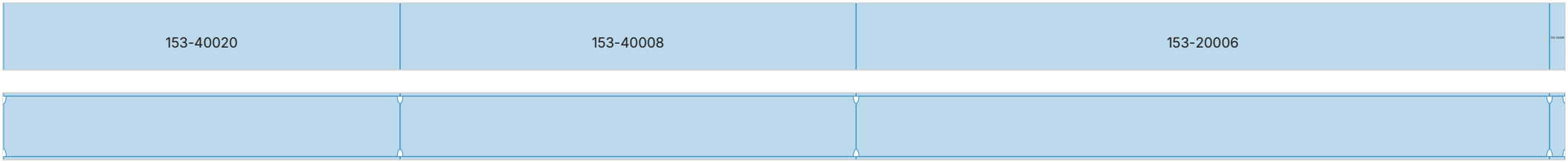


Leftover 2220 mm (Test Model-P34) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20146	6374 mm	13 mm	6387 mm	
2	153-20332	6374 mm	6390 mm	12764 mm	
R	Test Model-P34	2220 mm	12780 mm	15000 mm	Remnant

PLTNest

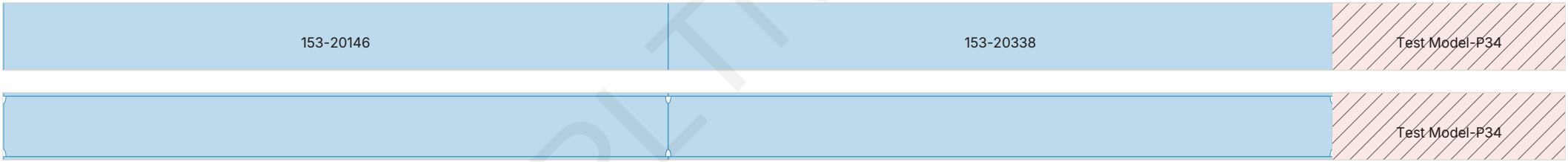
Bar 48 | HEA240 / S355JR | S8 | 15000 mm



Leftover 0.5 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-40020	3802.3 mm	13 mm	3815.3 mm	
2	153-40008	4372.2 mm	3818.3 mm	8190.5 mm	
3	153-20006	6650 mm	8193.5 mm	14843.5 mm	
4	153-20368	150 mm	14846.5 mm	14996.5 mm	

Bar 49 | HEA240 / S355JR | S8 | 15000 mm

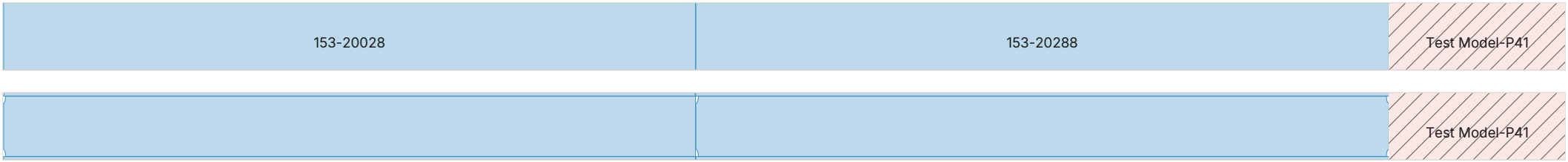


Leftover 2220 mm (Test Model-P34) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20146	6374 mm	13 mm	6387 mm	
2	153-20338	6374 mm	6390 mm	12764 mm	
R	Test Model-P34	2220 mm	12780 mm	15000 mm	Remnant

PLTNest

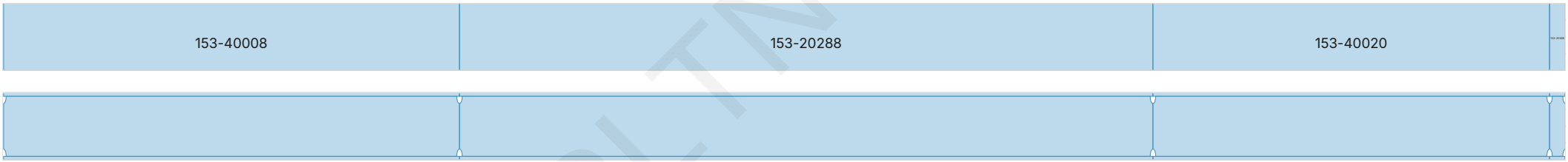
Bar 50 | HEA240 / S355JR | S8 | 15000 mm



Leftover 1680 mm (Test Model-P41) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20028	6638 mm	13 mm	6651 mm	
2	153-20288	6650 mm	6654 mm	13304 mm	
R	Test Model-P41	1680 mm	13320 mm	15000 mm	Remnant

Bar 51 | HEA240 / S355JR | S8 | 15000 mm

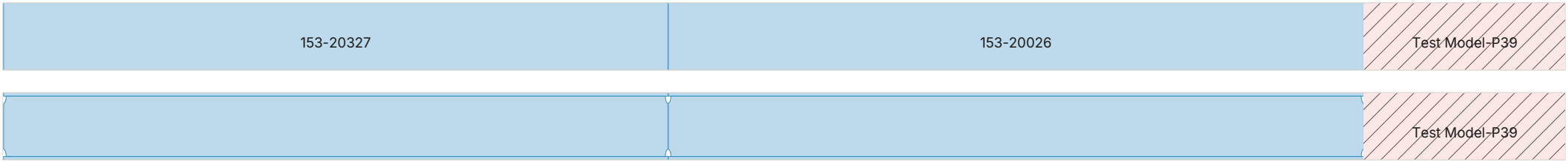


Leftover 0.5 mm | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-40008	4372.2 mm	13 mm	4385.2 mm	
2	153-20288	6650 mm	4388.2 mm	11038.2 mm	
3	153-40020	3802.3 mm	11041.2 mm	14843.5 mm	
4	153-20368	150 mm	14846.5 mm	14996.5 mm	

PLTNest

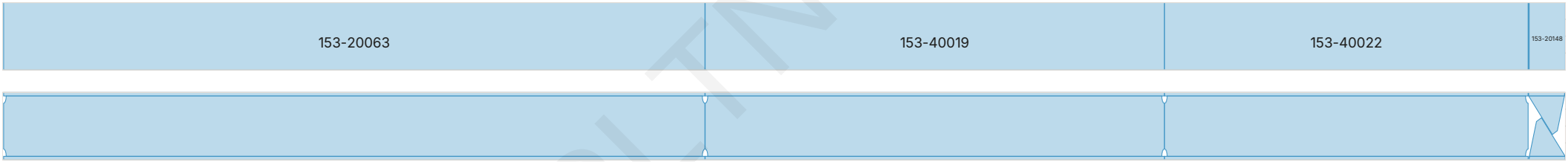
Bar 52 | HEA240 / S355JR | S8 | 15000 mm



Leftover 1921 mm (Test Model-P39) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20327	6374 mm	13 mm	6387 mm	
2	153-20026	6673 mm	6390 mm	13063 mm	
R	Test Model-P39	1921 mm	13079 mm	15000 mm	Remnant

Bar 53 | HEA240 / S355JR | S8 | 15000 mm

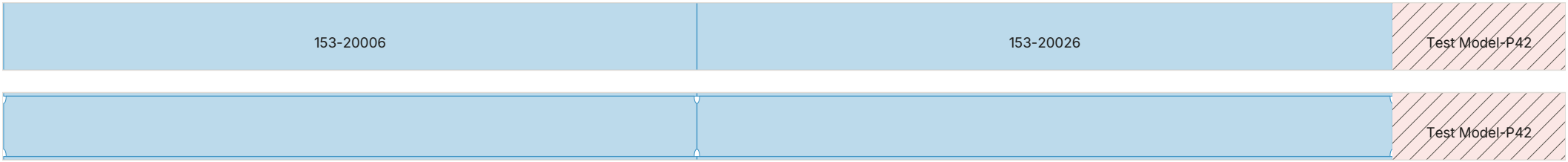


Leftover 0.5 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20063	6728 mm	13 mm	6741 mm	
2	153-40019	4404.8 mm	6744 mm	11148.8 mm	
3	153-40022	3487.4 mm	11151.8 mm	14639.2 mm	
4	153-20148	346.8 mm	14642.2 mm	14646.6 mm	Flipped, Shared
5	153-20148	346.8 mm	14649.6 mm	14996.5 mm	Shared

PLTNest

Bar 54 | HEA240 / S355JR | S8 | 15000 mm



Leftover 1645 mm (Test Model-P42) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20006	6650 mm	13 mm	6663 mm	
2	153-20026	6673 mm	6666 mm	13339 mm	
R	Test Model-P42	1645 mm	13355 mm	15000 mm	Remnant

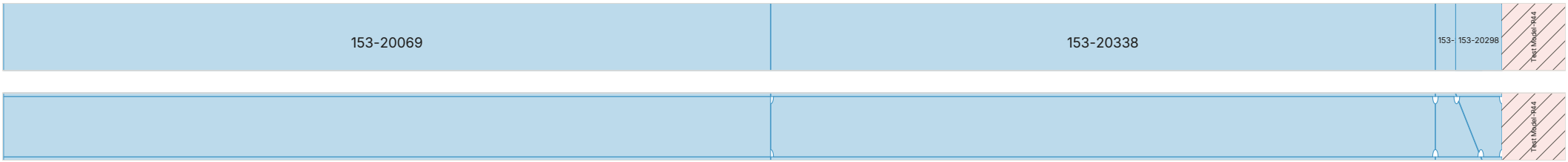
Bar 55 | HEA240 / S355JR | S8 | 15000 mm



Leftover 2356 mm (Test Model-P43) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10339	6238 mm	13 mm	6251 mm	
2	153-20013	6374 mm	6254 mm	12628 mm	
R	Test Model-P43	2356 mm	12644 mm	15000 mm	Remnant

Bar 56 | HEA240 / S355JR | S8 | 15000 mm

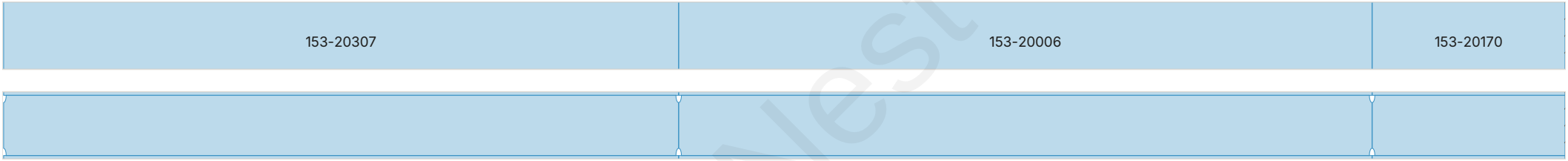


PLTNest

Leftover 595.2 mm (Test Model-P44) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20069	7358 mm	13 mm	7371 mm	
2	153-20338	6374 mm	7374 mm	13748 mm	
3	153-20298	445 mm	13751 mm	13940.7 mm	Shared
4	153-20298	445 mm	13943.7 mm	14388.8 mm	Flipped, Shared
R	Test Model-P44	595.2 mm	14404.8 mm	15000 mm	Remnant

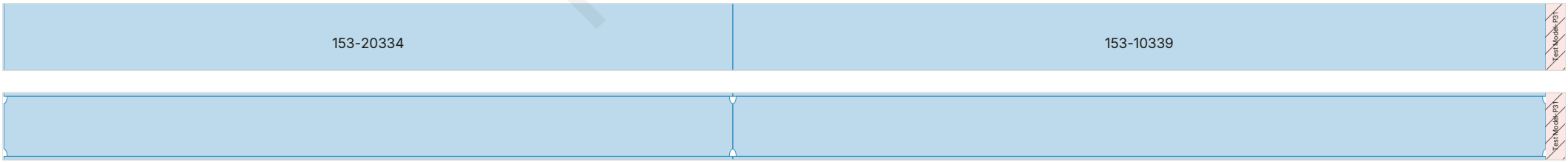
Bar 57 | HEA240 / S355JR | S8 | 15000 mm



Leftover 4 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20307	6475 mm	13 mm	6488 mm	
2	153-20006	6650 mm	6491 mm	13141 mm	
3	153-20170	1849 mm	13144 mm	14993 mm	

Bar 58 | HEA240 / S355JR | S7 | 12000 mm

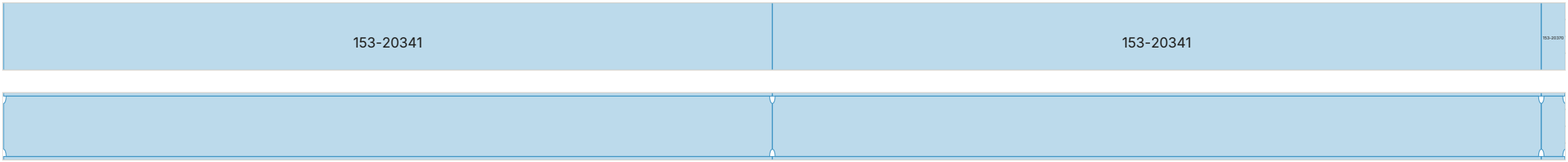


Leftover 137.5 mm (Test Model-P31) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20334	5592.5 mm	13 mm	5605.5 mm	
2	153-10339	6238 mm	5608.5 mm	11846.5 mm	
R	Test Model-P31	137.5 mm	11862.5 mm	12000 mm	Remnant

PLTNest

Bar 59 | HEA240 / S355JR | S8 | 15000 mm

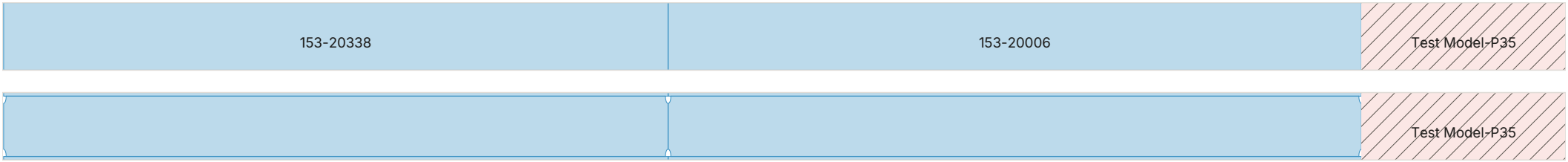


Leftover 0.5 mm | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-20341	7374 mm	13 mm	7387 mm	
2	153-20341	7374 mm	7390 mm	14764 mm	
3	153-20370	229.5 mm	14767 mm	14996.5 mm	

PLTNest

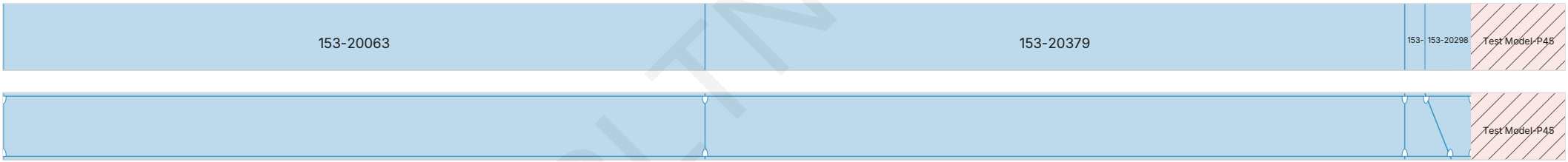
Bar 60 | HEA240 / S355JR | S8 | 15000 mm



Leftover 1944 mm (Test Model-P35) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20338	6374 mm	13 mm	6387 mm	
2	153-20006	6650 mm	6390 mm	13040 mm	
R	Test Model-P35	1944 mm	13056 mm	15000 mm	Remnant

Bar 61 | HEA240 / S355JR | S8 | 15000 mm

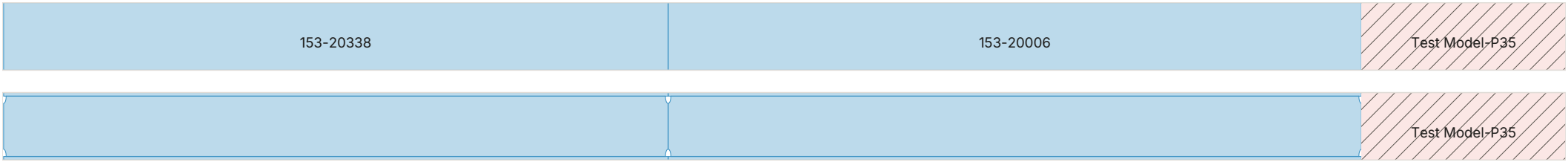


Leftover 889.2 mm (Test Model-P45) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20063	6728 mm	13 mm	6741 mm	
2	153-20379	6710 mm	6744 mm	13454 mm	
3	153-20298	445 mm	13457 mm	13646.7 mm	Shared
4	153-20298	445 mm	13649.7 mm	14094.8 mm	Flipped, Shared
R	Test Model-P45	889.2 mm	14110.8 mm	15000 mm	Remnant

PLTNest

Bar 62 | HEA240 / S355JR | S8 | 15000 mm



Leftover 1944 mm (Test Model-P35) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20338	6374 mm	13 mm	6387 mm	
2	153-20006	6650 mm	6390 mm	13040 mm	
R	Test Model-P35	1944 mm	13056 mm	15000 mm	Remnant

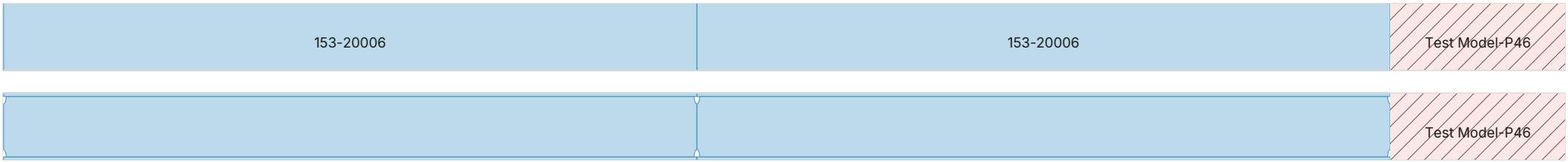
Bar 63 | HEA240 / S355JR | S8 | 15000 mm



Leftover 2220 mm (Test Model-P34) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20338	6374 mm	13 mm	6387 mm	
2	153-20276	6374 mm	6390 mm	12764 mm	
R	Test Model-P34	2220 mm	12780 mm	15000 mm	Remnant

Bar 64 | HEA240 / S355JR | S8 | 15000 mm

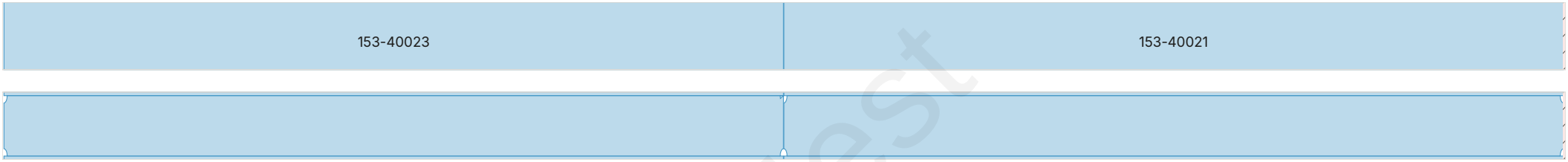


PLTNest

Leftover 1668 mm (Test Model-P46) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20006	6650 mm	13 mm	6663 mm	
2	153-20006	6650 mm	6666 mm	13316 mm	
R	Test Model-P46	1668 mm	13332 mm	15000 mm	Remnant

Bar 65 | HEA240 / S355JR | S7 | 12000 mm

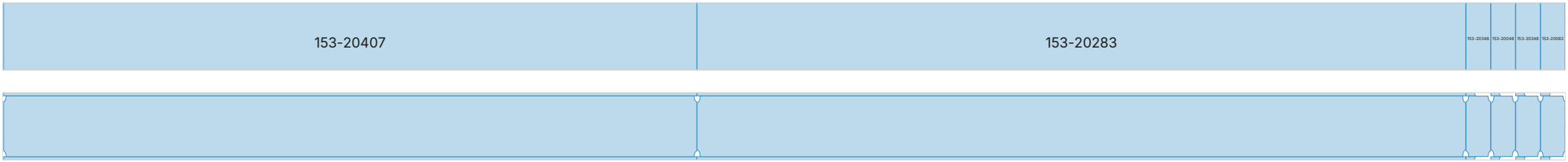


Leftover 14.8 mm | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-40023	5983.1 mm	13 mm	5996.1 mm	
2	153-40021	5983.1 mm	5999.1 mm	11982.2 mm	

PLTNest

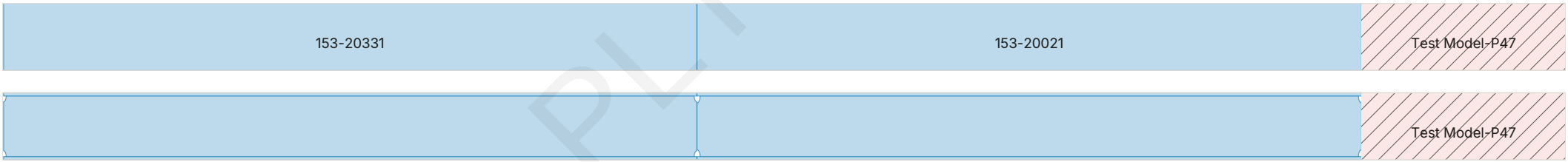
Bar 1 | HEA300 / S355JR | S38 | 15000 mm



Leftover 3 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-20407	6650 mm	13 mm	6663 mm	
2	153-20283	7375 mm	6666 mm	14041 mm	
3	153-20348	235.3 mm	14044 mm	14279.3 mm	
4	153-20048	235.3 mm	14282.3 mm	14517.5 mm	
5	153-20348	235.3 mm	14520.5 mm	14755.8 mm	
6	153-20082	235.3 mm	14758.8 mm	14994 mm	

Bar 2 | HEA300 / S355JR | S38 | 15000 mm

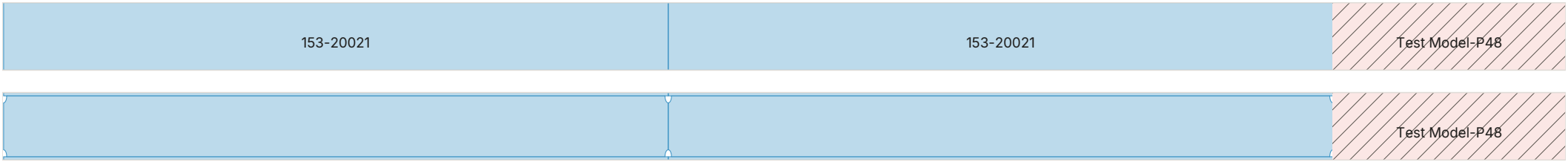


Leftover 1943 mm (Test Model-P47) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20331	6650 mm	13 mm	6663 mm	
2	153-20021	6375 mm	6666 mm	13041 mm	
R	Test Model-P47	1943 mm	13057 mm	15000 mm	Remnant

PLTNest

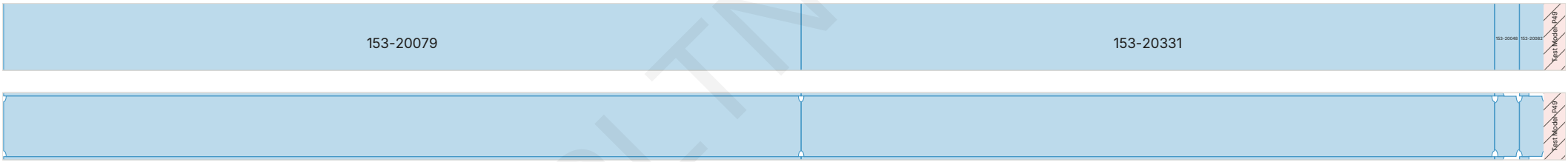
Bar 3 | HEA300 / S355JR | S38 | 15000 mm



Leftover 2218 mm (Test Model-P48) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20021	6375 mm	13 mm	6388 mm	
2	153-20021	6375 mm	6391 mm	12766 mm	
R	Test Model-P48	2218 mm	12782 mm	15000 mm	Remnant

Bar 4 | HEA300 / S355JR | S38 | 15000 mm

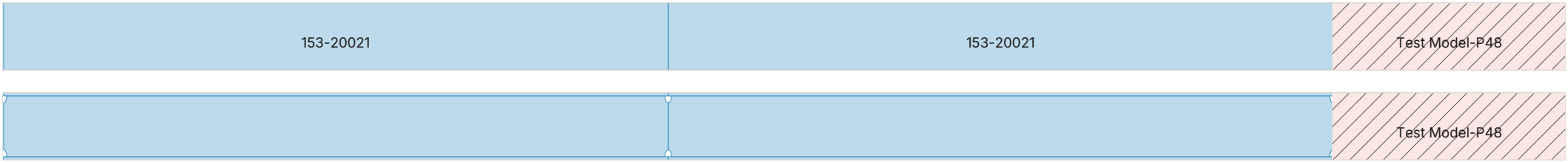


Leftover 191.5 mm (Test Model-P49) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20079	7650 mm	13 mm	7663 mm	
2	153-20331	6650 mm	7666 mm	14316 mm	
3	153-20048	235.3 mm	14319 mm	14554.3 mm	
4	153-20082	235.3 mm	14557.3 mm	14792.5 mm	
R	Test Model-P49	191.5 mm	14808.5 mm	15000 mm	Remnant

PLTNest

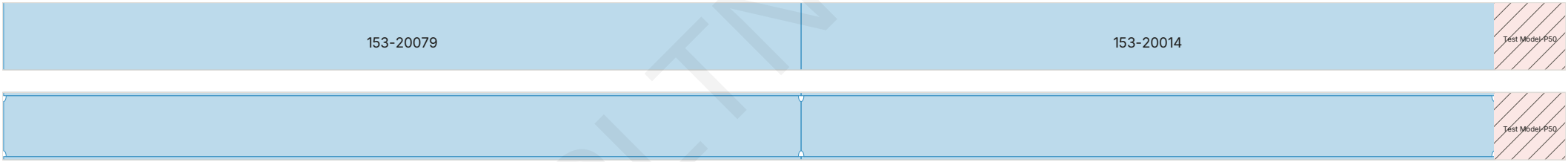
Bar 5 | HEA300 / S355JR | S38 | 15000 mm



Leftover 2218 mm (Test Model-P48) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20021	6375 mm	13 mm	6388 mm	
2	153-20021	6375 mm	6391 mm	12766 mm	
R	Test Model-P48	2218 mm	12782 mm	15000 mm	Remnant

Bar 6 | HEA300 / S355JR | S38 | 15000 mm

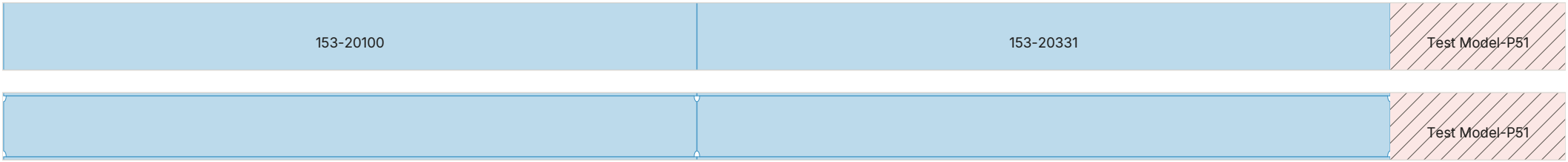


Leftover 668 mm (Test Model-P50) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20079	7650 mm	13 mm	7663 mm	
2	153-20014	6650 mm	7666 mm	14316 mm	
R	Test Model-P50	668 mm	14332 mm	15000 mm	Remnant

PLTNest

Bar 7 | HEA300 / S355JR | S38 | 15000 mm



Leftover 1668 mm (Test Model-P51) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20100	6650 mm	13 mm	6663 mm	
2	153-20331	6650 mm	6666 mm	13316 mm	
R	Test Model-P51	1668 mm	13332 mm	15000 mm	Remnant

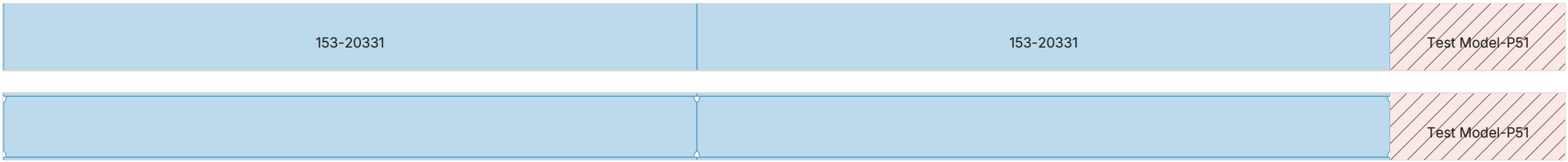
Bar 8 | HEA300 / S355JR | S38 | 15000 mm



Leftover 1668 mm (Test Model-P51) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20331	6650 mm	13 mm	6663 mm	
2	153-20014	6650 mm	6666 mm	13316 mm	
R	Test Model-P51	1668 mm	13332 mm	15000 mm	Remnant

Bar 9 | HEA300 / S355JR | S38 | 15000 mm

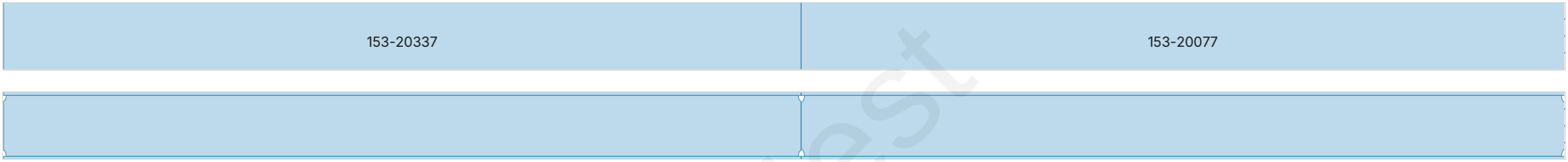


PLTNest

Leftover 1668 mm (Test Model-P51) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20331	6650 mm	13 mm	6663 mm	
2	153-20331	6650 mm	6666 mm	13316 mm	
R	Test Model-P51	1668 mm	13332 mm	15000 mm	Remnant

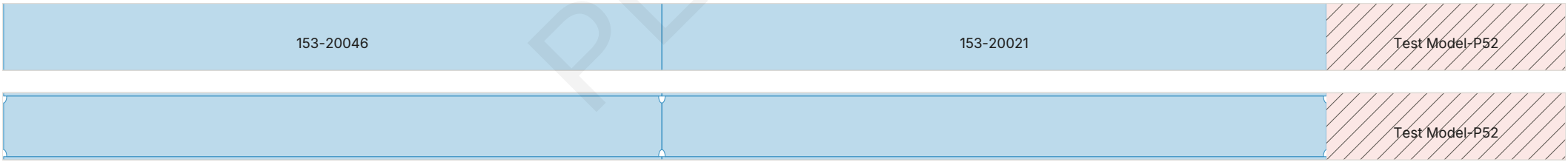
Bar 10 | HEA300 / S355JR | S38 | 15000 mm



Leftover 7 mm | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20337	7650 mm	13 mm	7663 mm	
2	153-20077	7324 mm	7666 mm	14990 mm	

Bar 11 | HEA300 / S355JR | S38 | 15000 mm

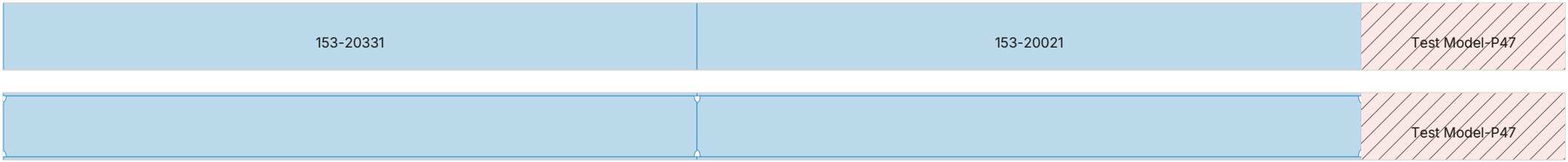


Leftover 2279 mm (Test Model-P52) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20046	6314 mm	13 mm	6327 mm	
2	153-20021	6375 mm	6330 mm	12705 mm	
R	Test Model-P52	2279 mm	12721 mm	15000 mm	Remnant

PL Test

Bar 12 | HEA300 / S355JR | S38 | 15000 mm

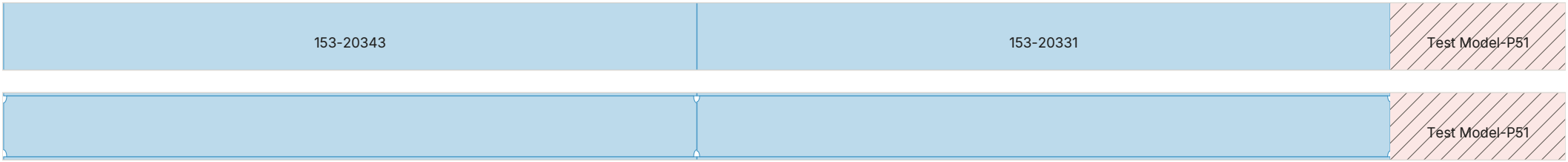


Leftover 1943 mm (Test Model-P47) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20331	6650 mm	13 mm	6663 mm	
2	153-20021	6375 mm	6666 mm	13041 mm	
R	Test Model-P47	1943 mm	13057 mm	15000 mm	Remnant

PLTNest

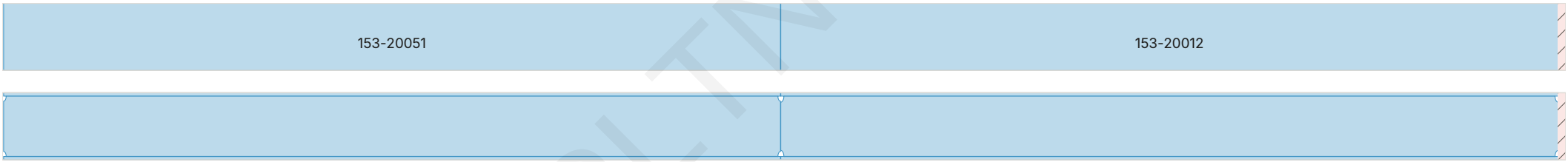
Bar 13 | HEA300 / S355JR | S38 | 15000 mm



Leftover 1668 mm (Test Model-P51) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20343	6650 mm	13 mm	6663 mm	
2	153-20331	6650 mm	6666 mm	13316 mm	
R	Test Model-P51	1668 mm	13332 mm	15000 mm	Remnant

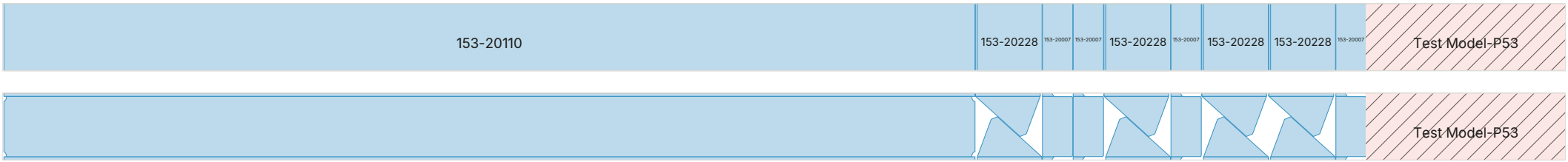
Bar 1 | HEA340 / S355JR | S44 | 15000 mm



Leftover 70 mm | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20051	7453 mm	13 mm	7466 mm	
2	153-20012	7458 mm	7469 mm	14927 mm	

Bar 2 | HEA340 / S355JR | S43 | 12000 mm

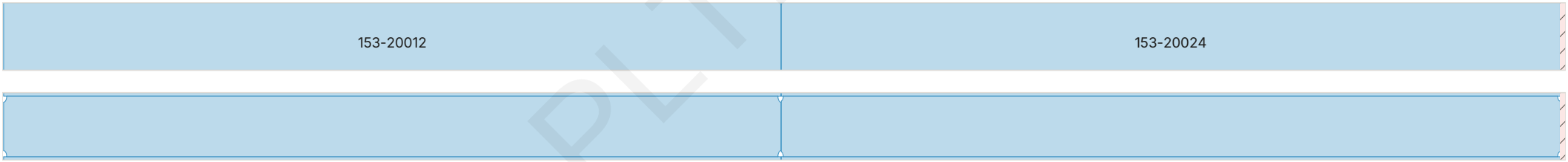


Leftover 1515.4 mm (Test Model-P53) | Cuts 13

PLTNest

Seq	Part mark	Length	Start	End	Mitre
1	153-20110	7453 mm	13 mm	7466 mm	
2	153-20228	498.1 mm	7469 mm	7479.8 mm	Flipped, Shared
3	153-20228	498.1 mm	7482.8 mm	7980.9 mm	Shared
4	153-20007	232.8 mm	7983.9 mm	8216.6 mm	
5	153-20007	232.8 mm	8219.6 mm	8452.4 mm	
6	153-20228	498.1 mm	8455.4 mm	8466.2 mm	Flipped, Shared
7	153-20228	498.1 mm	8469.2 mm	8967.3 mm	Shared
8	153-20007	232.8 mm	8970.3 mm	9203 mm	
9	153-20228	498.1 mm	9206 mm	9216.8 mm	Flipped, Shared
10	153-20228	498.1 mm	9219.8 mm	9717.9 mm	Shared
11	153-20228	498.1 mm	9720.9 mm	9731.7 mm	Flipped, Shared
12	153-20228	498.1 mm	9734.7 mm	10232.8 mm	Shared
13	153-20007	232.8 mm	10235.8 mm	10468.6 mm	
R	Test Model-P53	1515.4 mm	10484.6 mm	12000 mm	Remnant

Bar 3 | HEA340 / S355JR | S44 | 15000 mm

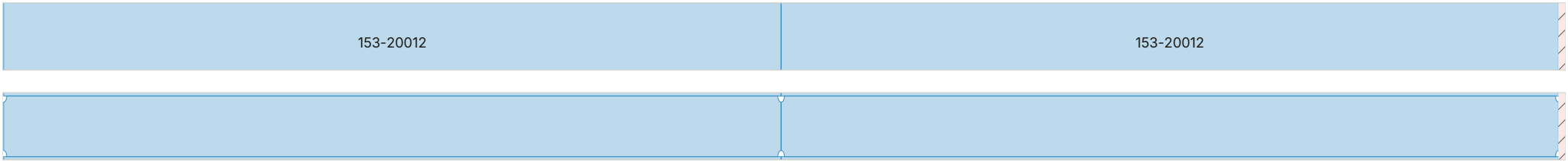


Leftover 50 mm | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20012	7458 mm	13 mm	7471 mm	
2	153-20024	7473 mm	7474 mm	14947 mm	

PLTNest

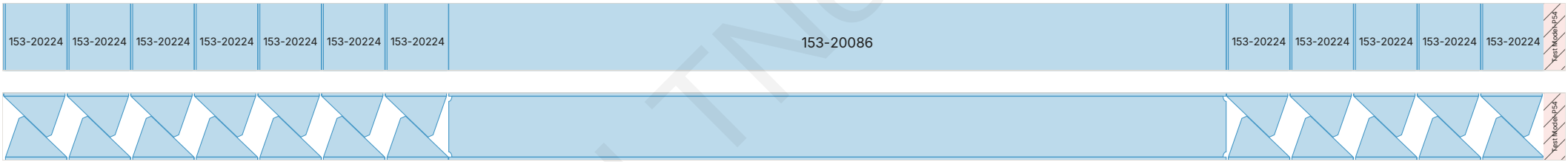
Bar 4 | HEA340 / S355JR | S44 | 15000 mm



Leftover 65 mm | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20012	7458 mm	13 mm	7471 mm	
2	153-20012	7458 mm	7474 mm	14932 mm	

Bar 1 | HEA400 / S355JR | S27 | 15000 mm



Leftover 191.3 mm (Test Model-P54) | Cuts 25

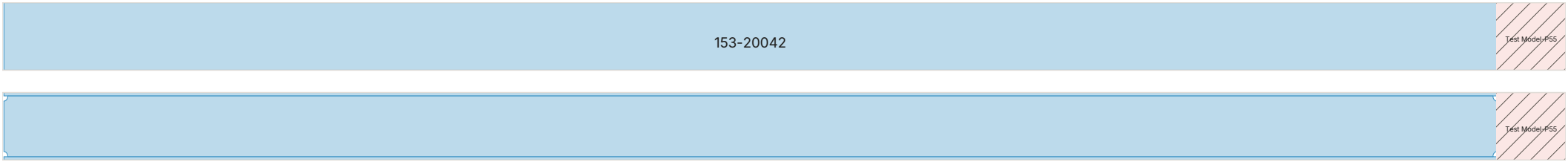
Seq	Part mark	Length	Start	End	Mitre
1	153-20224	589.3 mm	13 mm	27.8 mm	Flipped, Shared
2	153-20224	589.3 mm	30.8 mm	620.1 mm	Shared
3	153-20224	589.3 mm	623.1 mm	638 mm	Flipped, Shared
4	153-20224	589.3 mm	641 mm	1230.3 mm	Shared
5	153-20224	589.3 mm	1233.3 mm	1248.1 mm	Flipped, Shared
6	153-20224	589.3 mm	1251.1 mm	1840.4 mm	Shared
7	153-20224	589.3 mm	1843.4 mm	1858.3 mm	Flipped, Shared
8	153-20224	589.3 mm	1861.3 mm	2450.6 mm	Shared
9	153-20224	589.3 mm	2453.6 mm	2468.4 mm	Flipped, Shared
10	153-20224	589.3 mm	2471.4 mm	3060.7 mm	Shared
11	153-20224	589.3 mm	3063.7 mm	3078.5 mm	Flipped, Shared
12	153-20224	589.3 mm	3081.5 mm	3670.9 mm	Shared
13	153-20224	589.3 mm	3673.9 mm	3688.7 mm	Flipped, Shared

PLTNest

Seq	Part mark	Length	Start	End	Mitre
14	153-20224	589.3 mm	3691.7 mm	4281 mm	Shared
15	153-20086	7458 mm	4284 mm	11742 mm	
16	153-20224	589.3 mm	11745 mm	11759.8 mm	Flipped, Shared
17	153-20224	589.3 mm	11762.8 mm	12352.1 mm	Shared
18	153-20224	589.3 mm	12355.1 mm	12370 mm	Flipped, Shared
19	153-20224	589.3 mm	12373 mm	12962.3 mm	Shared
20	153-20224	589.3 mm	12965.3 mm	12980.1 mm	Flipped, Shared
21	153-20224	589.3 mm	12983.1 mm	13572.4 mm	Shared
22	153-20224	589.3 mm	13575.4 mm	13590.3 mm	Flipped, Shared
23	153-20224	589.3 mm	13593.3 mm	14182.6 mm	Shared
24	153-20224	589.3 mm	14185.6 mm	14200.4 mm	Flipped, Shared
25	153-20224	589.3 mm	14203.4 mm	14792.7 mm	Shared
R	Test Model-P54	191.3 mm	14808.7 mm	15000 mm	Remnant

PLTNest

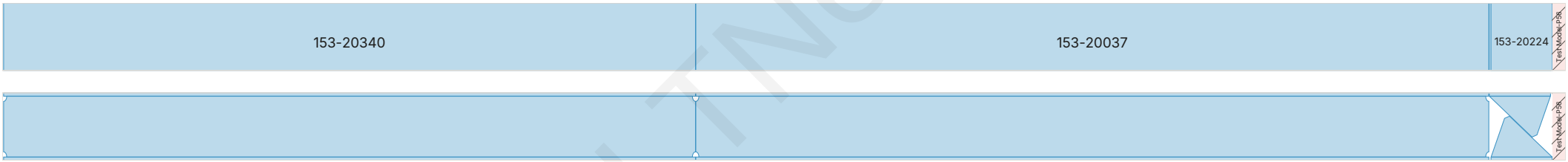
Bar 2 | HEA400 / S355JR | S26 | 12000 mm



Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20042	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

Bar 3 | HEA400 / S355JR | S27 | 15000 mm



Leftover 111.9 mm (Test Model-P56) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20340	6638 mm	13 mm	6651 mm	
2	153-20037	7608 mm	6654 mm	14262 mm	
3	153-20224	589.3 mm	14265 mm	14279.8 mm	Flipped, Shared
4	153-20224	589.3 mm	14282.8 mm	14872.1 mm	Shared
R	Test Model-P56	111.9 mm	14888.1 mm	15000 mm	Remnant

PLTNest

Bar 4 | HEA400 / S355JR | S26 | 12000 mm

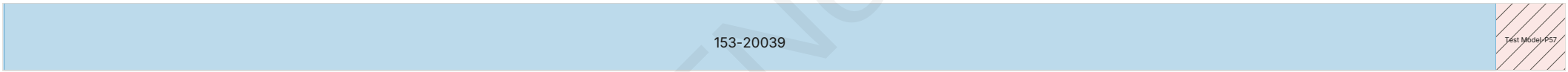




Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20055	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

Bar 5 | HEA400 / S355JR | S26 | 12000 mm





Leftover 518 mm (Test Model-P57) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20039	11453 mm	13 mm	11466 mm	
R	Test Model-P57	518 mm	11482 mm	12000 mm	Remnant

Bar 6 | HEA400 / S355JR | S26 | 12000 mm





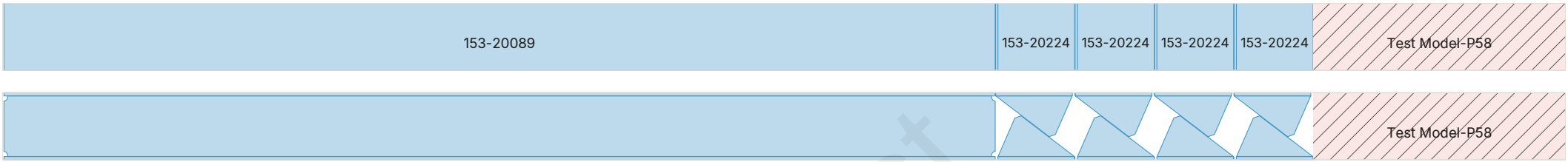
Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20055	11458 mm	13 mm	11471 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

Bar 7 | HEA400 / S355JR | S26 | 12000 mm



Leftover 1922.4 mm (Test Model-P58) | Cuts 9

Seq	Part mark	Length	Start	End	Mitre
1	153-20089	7608 mm	13 mm	7621 mm	
2	153-20224	589.3 mm	7624 mm	7638.8 mm	Flipped, Shared
3	153-20224	589.3 mm	7641.8 mm	8231.1 mm	Shared
4	153-20224	589.3 mm	8234.1 mm	8249 mm	Flipped, Shared
5	153-20224	589.3 mm	8252 mm	8841.3 mm	Shared
6	153-20224	589.3 mm	8844.3 mm	8859.1 mm	Flipped, Shared
7	153-20224	589.3 mm	8862.1 mm	9451.4 mm	Shared
8	153-20224	589.3 mm	9454.4 mm	9469.3 mm	Flipped, Shared
9	153-20224	589.3 mm	9472.3 mm	10061.6 mm	Shared
R	Test Model-P58	1922.4 mm	10077.6 mm	12000 mm	Remnant

PLTest

Bar 8 | HEA400 / S355JR | S26 | 12000 mm

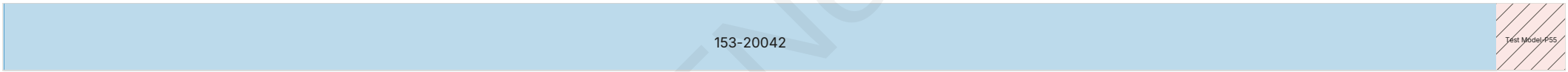




Leftover 523 mm (Test Model-P59) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20020	11448 mm	13 mm	11461 mm	
R	Test Model-P59	523 mm	11477 mm	12000 mm	Remnant

Bar 9 | HEA400 / S355JR | S26 | 12000 mm

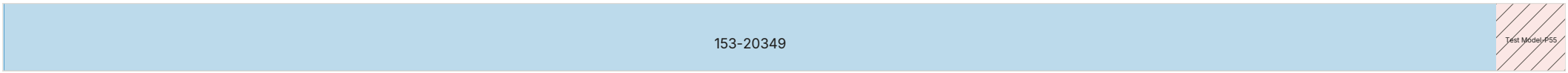




Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20042	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

Bar 10 | HEA400 / S355JR | S26 | 12000 mm





Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20349	11458 mm	13 mm	11471 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

Bar 11 | HEA400 / S355JR | S26 | 12000 mm





Leftover 208 mm (Test Model-P60) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20002	11478 mm	13 mm	11491 mm	
2	153-20284	282 mm	11494 mm	11776 mm	
R	Test Model-P60	208 mm	11792 mm	12000 mm	Remnant

Bar 12 | HEA400 / S355JR | S26 | 12000 mm





Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20042	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

PLTNest

Bar 13 | HEA400 / S355JR | S26 | 12000 mm



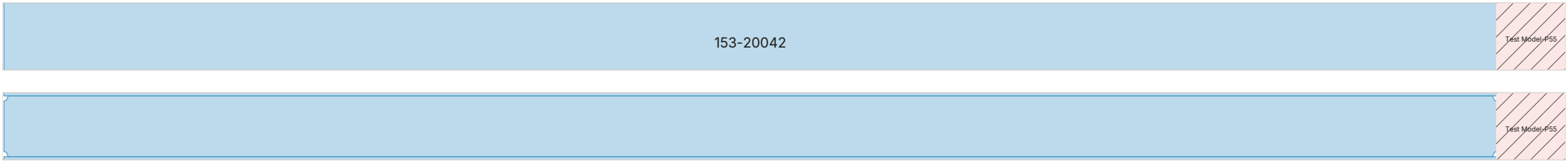


Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20055	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

PLTNest

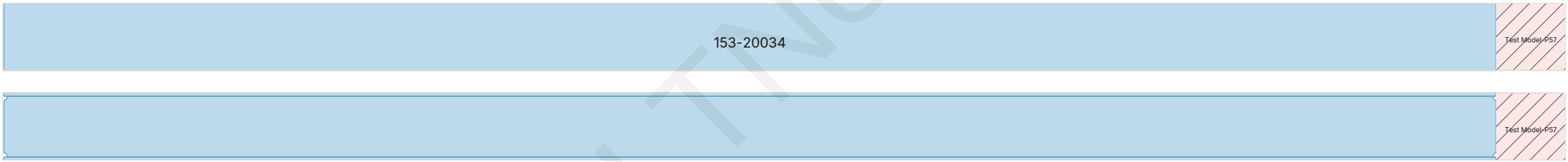
Bar 14 | HEA400 / S355JR | S26 | 12000 mm



Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20042	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

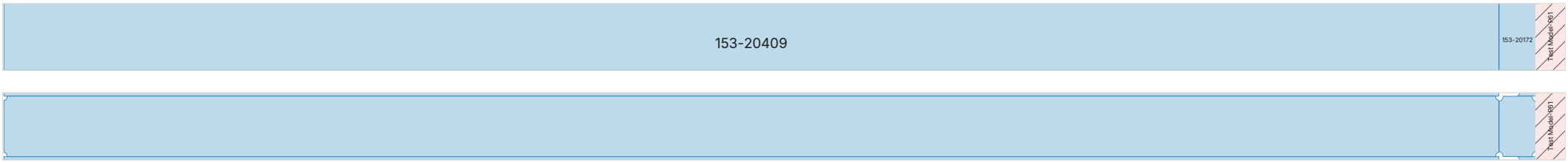
Bar 15 | HEA400 / S355JR | S26 | 12000 mm



Leftover 518 mm (Test Model-P57) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20034	11453 mm	13 mm	11466 mm	
R	Test Model-P57	518 mm	11482 mm	12000 mm	Remnant

Bar 16 | HEA400 / S355JR | S26 | 12000 mm



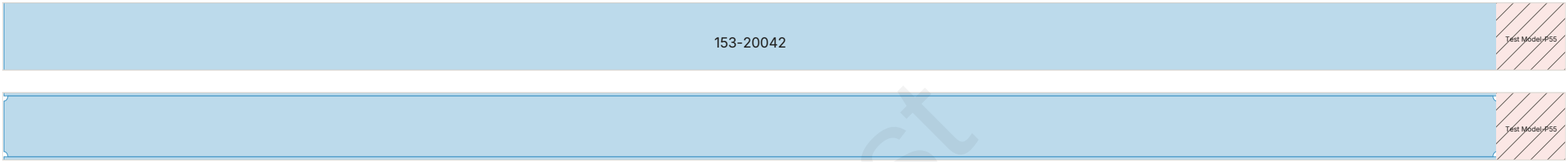
Leftover 213 mm (Test Model-P61) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20409	11473 mm	13 mm	11486 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
2	153-20172	282 mm	11489 mm	11771 mm	
R	Test Model-P61	213 mm	11787 mm	12000 mm	Remnant

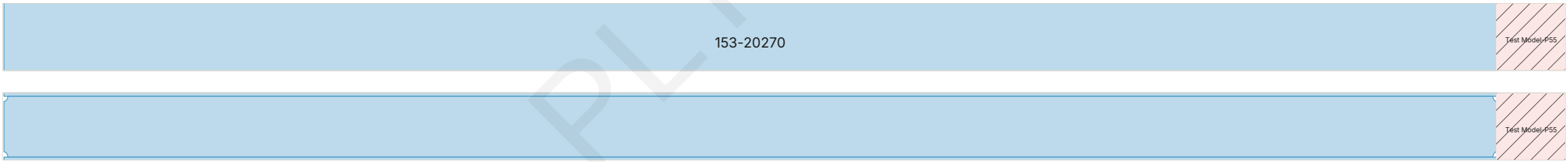
Bar 17 | HEA400 / S355JR | S26 | 12000 mm



Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20042	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

Bar 18 | HEA400 / S355JR | S26 | 12000 mm

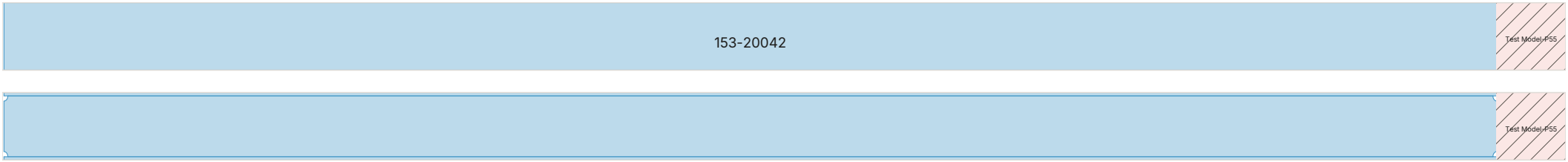


Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20270	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

PLTNest

Bar 19 | HEA400 / S355JR | S26 | 12000 mm



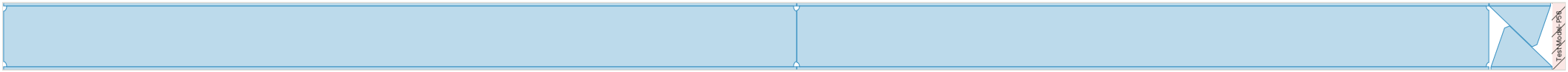
Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20042	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

PLTNest

Bar 20 | HEA400 / S355JR | S27 | 15000 mm





Leftover 111.9 mm (Test Model-P56) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20037	7608 mm	13 mm	7621 mm	
2	153-20025	6638 mm	7624 mm	14262 mm	
3	153-20224	589.3 mm	14265 mm	14279.8 mm	Flipped, Shared
4	153-20224	589.3 mm	14282.8 mm	14872.1 mm	Shared
R	Test Model-P56	111.9 mm	14888.1 mm	15000 mm	Remnant

Bar 21 | HEA400 / S355JR | S26 | 12000 mm



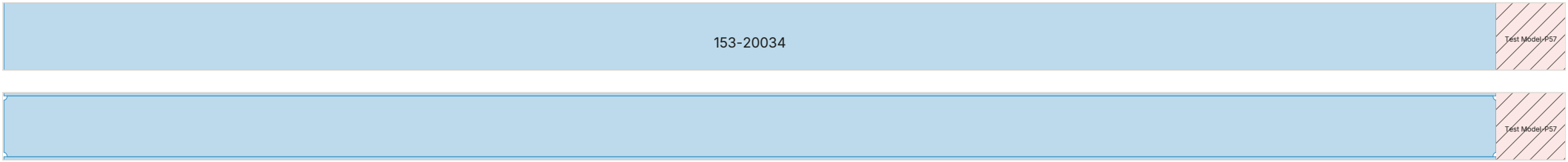


Leftover 493 mm (Test Model-P62) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20002	11478 mm	13 mm	11491 mm	
R	Test Model-P62	493 mm	11507 mm	12000 mm	Remnant

PLTNest

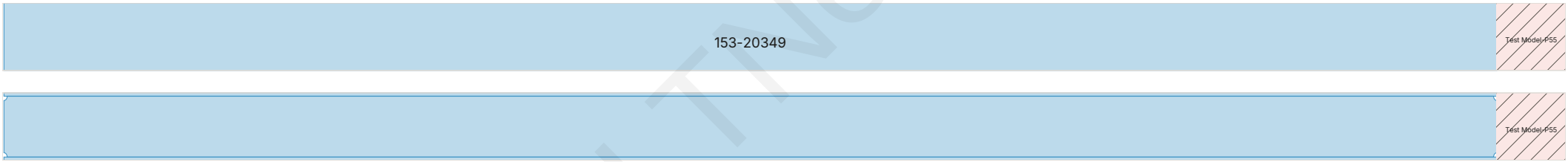
Bar 22 | HEA400 / S355JR | S26 | 12000 mm



Leftover 518 mm (Test Model-P57) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20034	11453 mm	13 mm	11466 mm	
R	Test Model-P57	518 mm	11482 mm	12000 mm	Remnant

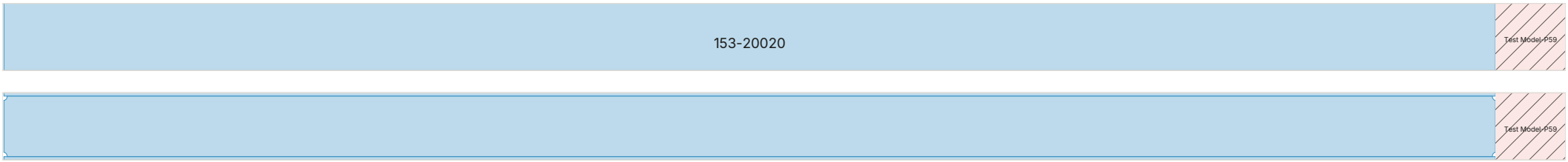
Bar 23 | HEA400 / S355JR | S26 | 12000 mm



Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20349	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

Bar 24 | HEA400 / S355JR | S26 | 12000 mm



Leftover 523 mm (Test Model-P59) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20020	11448 mm	13 mm	11461 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
R	Test Model-P59	523 mm	11477 mm	12000 mm	Remnant

Bar 25 | HEA400 / S355JR | S26 | 12000 mm



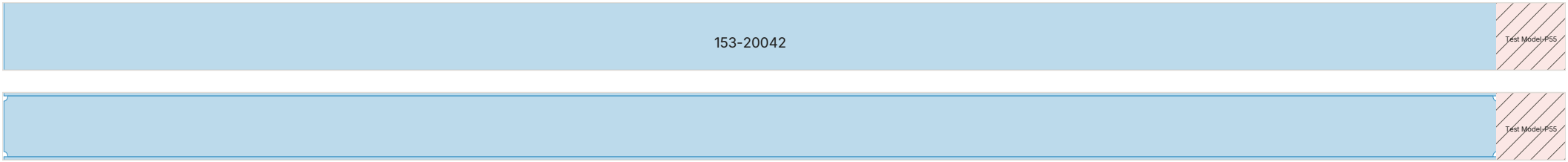


Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20042	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

PLTNest

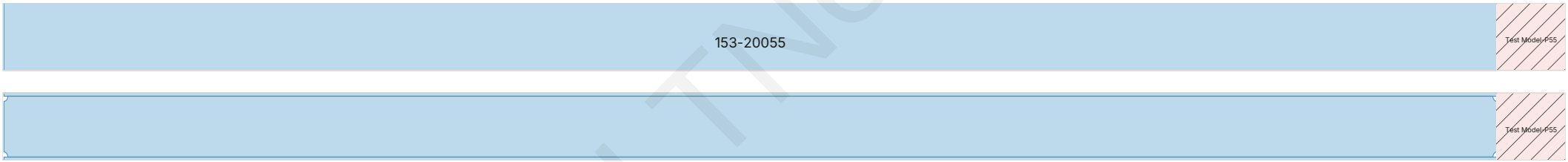
Bar 26 | HEA400 / S355JR | S26 | 12000 mm



Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20042	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

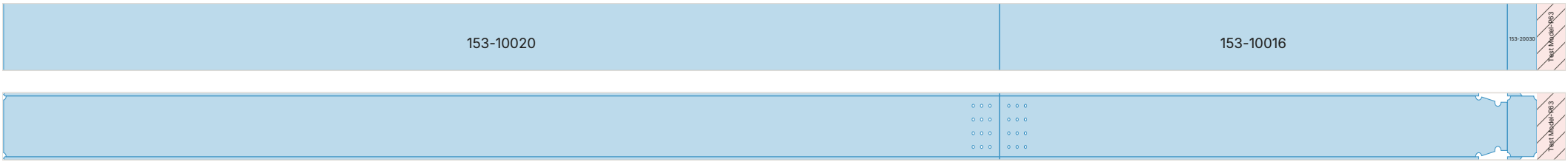
Bar 27 | HEA400 / S355JR | S26 | 12000 mm



Leftover 513 mm (Test Model-P55) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20055	11458 mm	13 mm	11471 mm	
R	Test Model-P55	513 mm	11487 mm	12000 mm	Remnant

Bar 1 | HEA500 / S355JR | S40 | 15000 mm



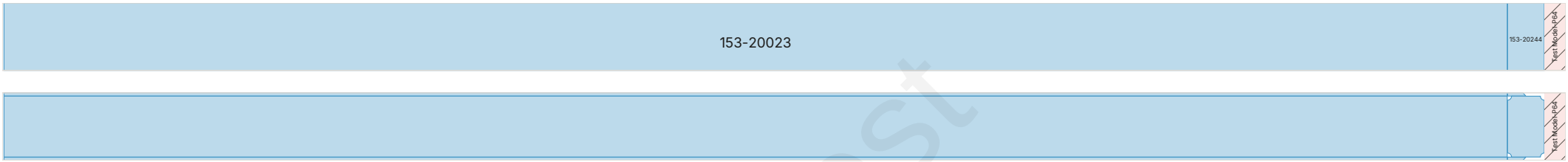
Leftover 260.5 mm (Test Model-P63) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-10020	9552 mm	13 mm	9565 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
2	153-10016	4871 mm	9568 mm	14439 mm	
3	153-20030	281.5 mm	14442 mm	14723.5 mm	
R	Test Model-P63	260.5 mm	14739.5 mm	15000 mm	Remnant

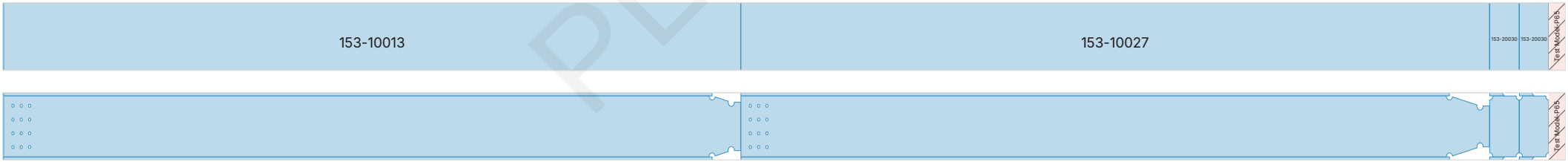
Bar 2 | HEA500 / S355JR | S39 | 12000 mm



Leftover 148.5 mm (Test Model-P64) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20023	11538 mm	13 mm	11551 mm	
2	153-20244	281.5 mm	11554 mm	11835.5 mm	
R	Test Model-P64	148.5 mm	11851.5 mm	12000 mm	Remnant

Bar 3 | HEA500 / S355JR | S40 | 15000 mm

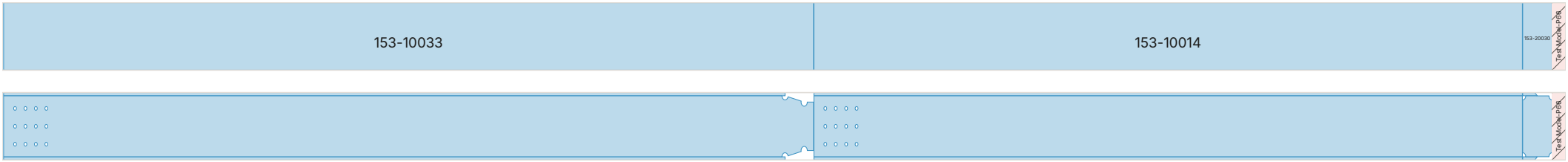


Leftover 147 mm (Test Model-P65) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-10013	7071 mm	13 mm	7084 mm	
2	153-10027	7181 mm	7087 mm	14268 mm	
3	153-20030	281.5 mm	14271 mm	14552.5 mm	
4	153-20030	281.5 mm	14555.5 mm	14837 mm	
R	Test Model-P65	147 mm	14853 mm	15000 mm	Remnant

PL Test

Bar 4 | HEA500 / S355JR | S40 | 15000 mm

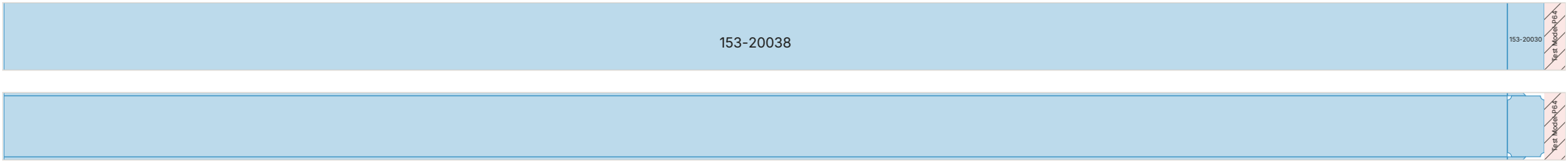


Leftover 115.5 mm (Test Model-P66) | Cuts 3

Seq	Part mark	Length	Start	End	Mitre
1	153-10033	7771 mm	13 mm	7784 mm	
2	153-10014	6797 mm	7787 mm	14584 mm	
3	153-20030	281.5 mm	14587 mm	14868.5 mm	
R	Test Model-P66	115.5 mm	14884.5 mm	15000 mm	Remnant

PLTNest

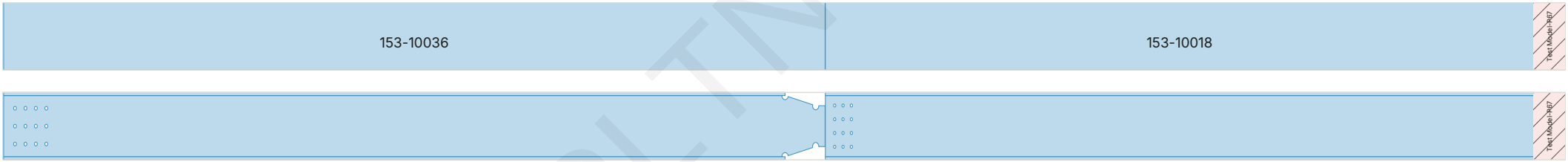
Bar 5 | HEA500 / S355JR | S39 | 12000 mm



Leftover 148.5 mm (Test Model-P64) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20038	11538 mm	13 mm	11551 mm	
2	153-20030	281.5 mm	11554 mm	11835.5 mm	
R	Test Model-P64	148.5 mm	11851.5 mm	12000 mm	Remnant

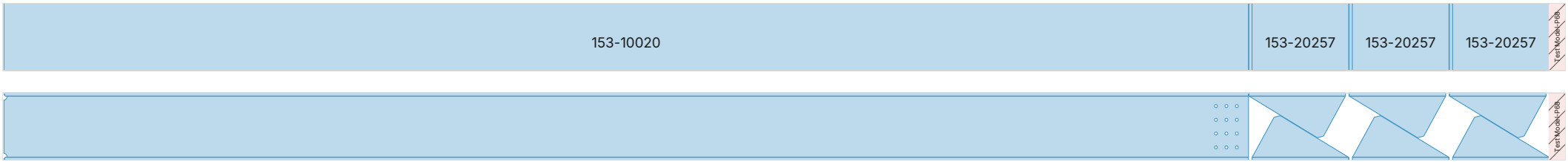
Bar 6 | HEA500 / S355JR | S40 | 15000 mm



Leftover 290 mm (Test Model-P67) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10036	7881 mm	13 mm	7894 mm	
2	153-10018	6797 mm	7897 mm	14694 mm	
R	Test Model-P67	290 mm	14710 mm	15000 mm	Remnant

Bar 7 | HEA500 / S355JR | S39 | 12000 mm



PLTNest

Leftover 110.5 mm (Test Model-P68) | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-10020	9552 mm	13 mm	9565 mm	
2	153-20257	741.7 mm	9568 mm	9589.8 mm	Flipped, Shared
3	153-20257	741.7 mm	9592.8 mm	10334.5 mm	Shared
4	153-20257	741.7 mm	10337.5 mm	10359.3 mm	Flipped, Shared
5	153-20257	741.7 mm	10362.3 mm	11104 mm	Shared
6	153-20257	741.7 mm	11107 mm	11128.8 mm	Flipped, Shared
7	153-20257	741.7 mm	11131.8 mm	11873.5 mm	Shared
R	Test Model-P68	110.5 mm	11889.5 mm	12000 mm	Remnant

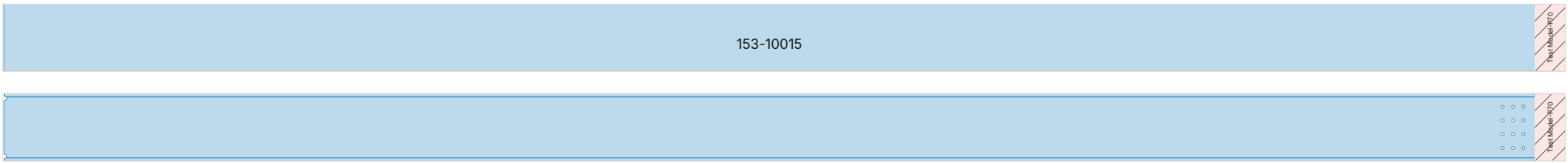
Bar 8 | HEA500 / S355JR | S39 | 12000 mm



Leftover 300 mm (Test Model-P69) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10018	6797 mm	13 mm	6810 mm	
2	153-10009	4871 mm	6813 mm	11684 mm	
R	Test Model-P69	300 mm	11700 mm	12000 mm	Remnant

Bar 9 | HEA500 / S355JR | S39 | 12000 mm



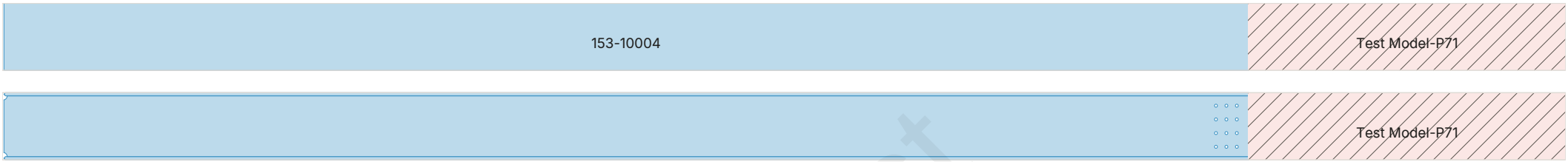
Leftover 219 mm (Test Model-P70) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10015	11752 mm	13 mm	11765 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
R	Test Model-P70	219 mm	11781 mm	12000 mm	Remnant

Bar 10 | HEA500 / S355JR | S39 | 12000 mm

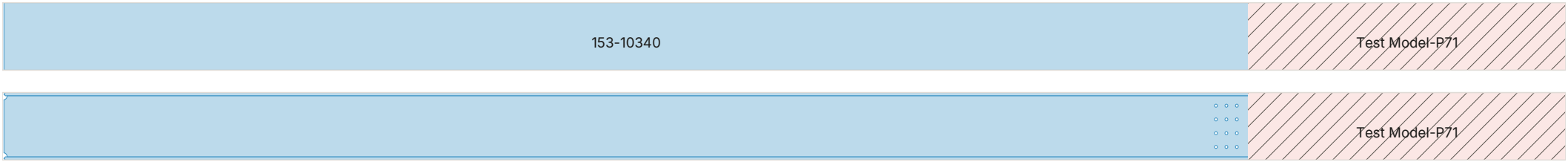


Leftover 2419 mm (Test Model-P71) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10004	9552 mm	13 mm	9565 mm	
R	Test Model-P71	2419 mm	9581 mm	12000 mm	Remnant

PLTNest

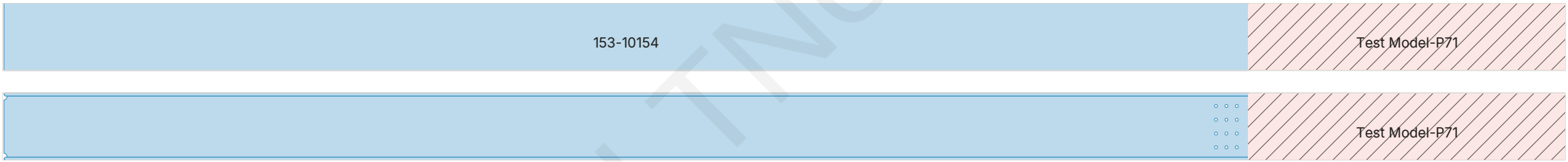
Bar 11 | HEA500 / S355JR | S39 | 12000 mm



Leftover 2419 mm (Test Model-P71) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10340	9552 mm	13 mm	9565 mm	
R	Test Model-P71	2419 mm	9581 mm	12000 mm	Remnant

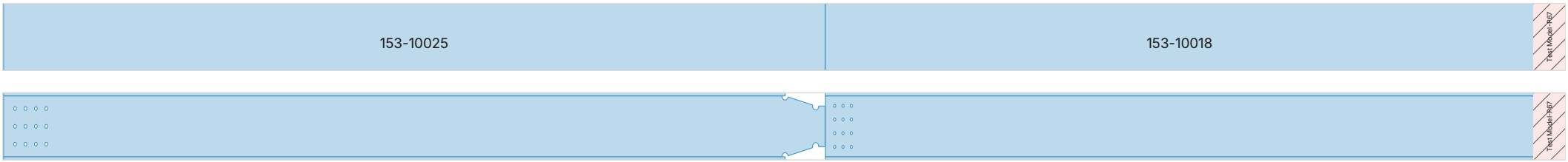
Bar 12 | HEA500 / S355JR | S39 | 12000 mm



Leftover 2419 mm (Test Model-P71) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10154	9552 mm	13 mm	9565 mm	
R	Test Model-P71	2419 mm	9581 mm	12000 mm	Remnant

Bar 13 | HEA500 / S355JR | S40 | 15000 mm



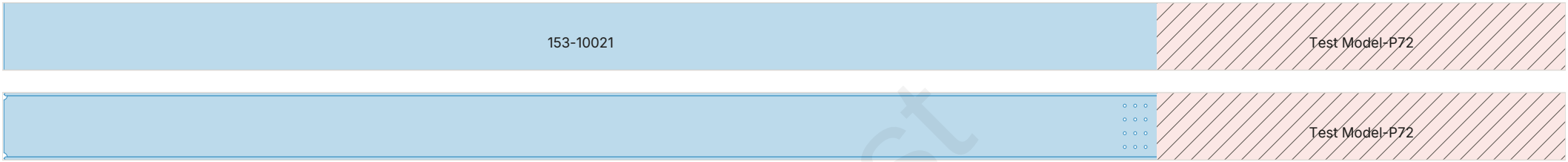
Leftover 290 mm (Test Model-P67) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10025	7881 mm	13 mm	7894 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
2	153-10018	6797 mm	7897 mm	14694 mm	
R	Test Model-P67	290 mm	14710 mm	15000 mm	Remnant

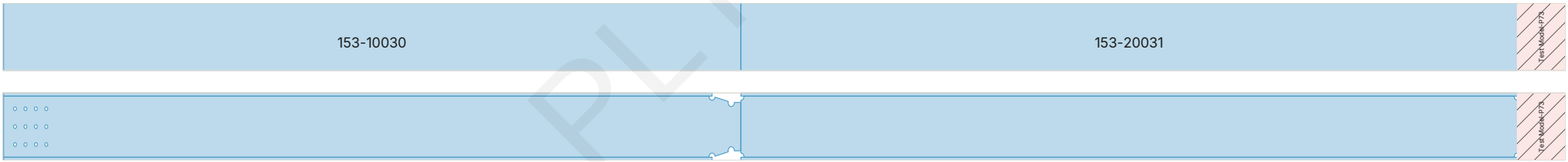
Bar 14 | HEA500 / S355JR | S39 | 12000 mm



Leftover 3119 mm (Test Model-P72) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10021	8852 mm	13 mm	8865 mm	
R	Test Model-P72	3119 mm	8881 mm	12000 mm	Remnant

Bar 15 | HEA500 / S355JR | S40 | 15000 mm



Leftover 449 mm (Test Model-P73) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10030	7071 mm	13 mm	7084 mm	
2	153-20031	7448 mm	7087 mm	14535 mm	
R	Test Model-P73	449 mm	14551 mm	15000 mm	Remnant

PLTNest

Bar 16 | HEA500 / S355JR | S39 | 12000 mm



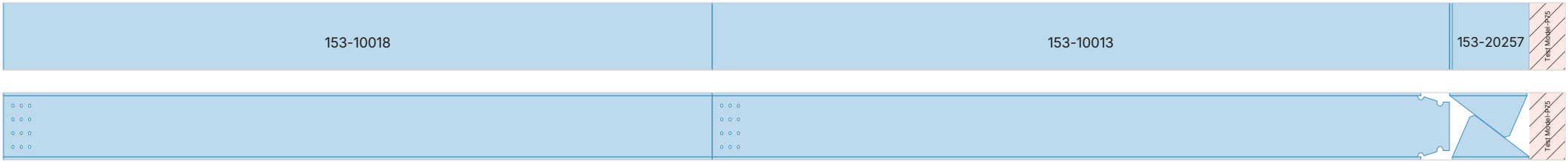


Leftover 433 mm (Test Model-P74) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20023	11538 mm	13 mm	11551 mm	
R	Test Model-P74	433 mm	11567 mm	12000 mm	Remnant

PLTNest

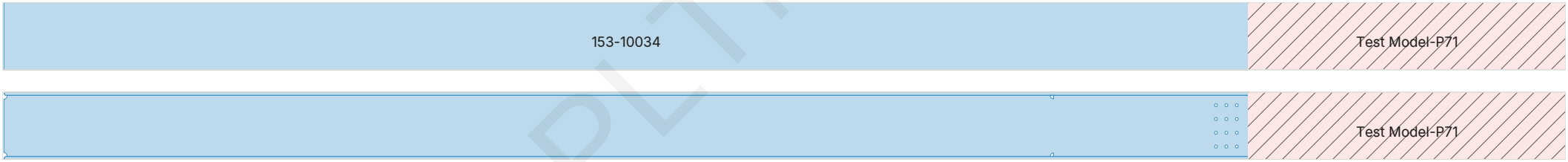
Bar 17 | HEA500 / S355JR | S40 | 15000 mm



Leftover 330.5 mm (Test Model-P75) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-10018	6797 mm	13 mm	6810 mm	
2	153-10013	7071 mm	6813 mm	13884 mm	
3	153-20257	741.7 mm	13887 mm	13908.7 mm	Flipped, Shared
4	153-20257	741.7 mm	13911.7 mm	14653.5 mm	Shared
R	Test Model-P75	330.5 mm	14669.5 mm	15000 mm	Remnant

Bar 18 | HEA500 / S355JR | S39 | 12000 mm

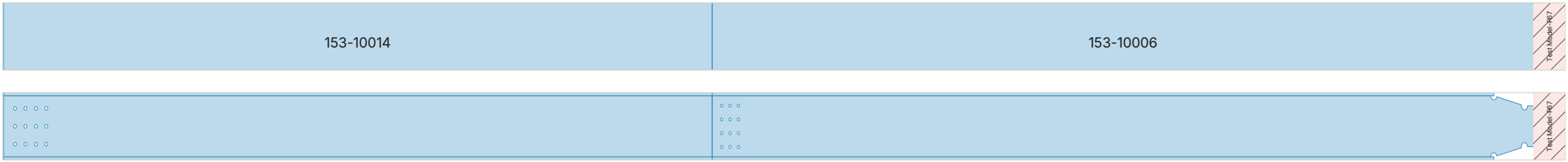


Leftover 2419 mm (Test Model-P71) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10034	9552 mm	13 mm	9565 mm	
R	Test Model-P71	2419 mm	9581 mm	12000 mm	Remnant

PLTNest

Bar 19 | HEA500 / S355JR | S40 | 15000 mm



Leftover 290 mm (Test Model-P67) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10014	6797 mm	13 mm	6810 mm	
2	153-10006	7881 mm	6813 mm	14694 mm	
R	Test Model-P67	290 mm	14710 mm	15000 mm	Remnant

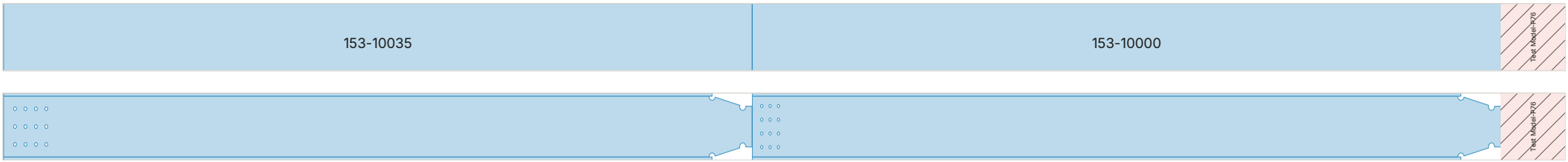
Bar 20 | HEA500 / S355JR | S39 | 12000 mm



Leftover 2419 mm (Test Model-P71) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10105	9552 mm	13 mm	9565 mm	
R	Test Model-P71	2419 mm	9581 mm	12000 mm	Remnant

Bar 21 | HEA500 / S355JR | S40 | 15000 mm



Leftover 606 mm (Test Model-P76) | Cuts 2

PLTNest

Seq	Part mark	Length	Start	End	Mitre
1	153-10035	7181 mm	13 mm	7194 mm	
2	153-10000	7181 mm	7197 mm	14378 mm	
R	Test Model-P76	606 mm	14394 mm	15000 mm	Remnant

Bar 22 | HEA500 / S355JR | S39 | 12000 mm





Leftover 2419 mm (Test Model-P71) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10012	9552 mm	13 mm	9565 mm	
R	Test Model-P71	2419 mm	9581 mm	12000 mm	Remnant

PLTNest

Bar 1 | HEA600 / S355JR | S25 | 15000 mm





Leftover 715.7 mm (Test Model-P77) | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-20091	11448 mm	13 mm	11461 mm	
2	153-20253	898.8 mm	11464 mm	11495 mm	Flipped, Shared
3	153-20253	898.8 mm	11498 mm	12396.8 mm	Shared
4	153-20253	898.8 mm	12399.8 mm	12430.8 mm	Flipped, Shared
5	153-20253	898.8 mm	12433.8 mm	13332.6 mm	Shared
6	153-20253	898.8 mm	13335.6 mm	13366.5 mm	Flipped, Shared
7	153-20253	898.8 mm	13369.5 mm	14268.3 mm	Shared
R	Test Model-P77	715.7 mm	14284.3 mm	15000 mm	Remnant

Bar 2 | HEA600 / S355JR | S24 | 12000 mm



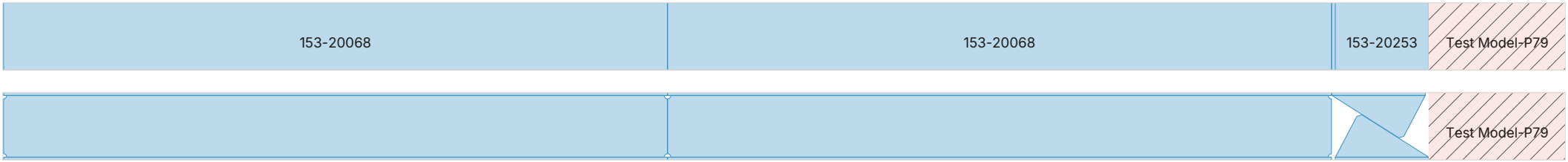


Leftover 523 mm (Test Model-P78) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20091	11448 mm	13 mm	11461 mm	
R	Test Model-P78	523 mm	11477 mm	12000 mm	Remnant

PL Nest

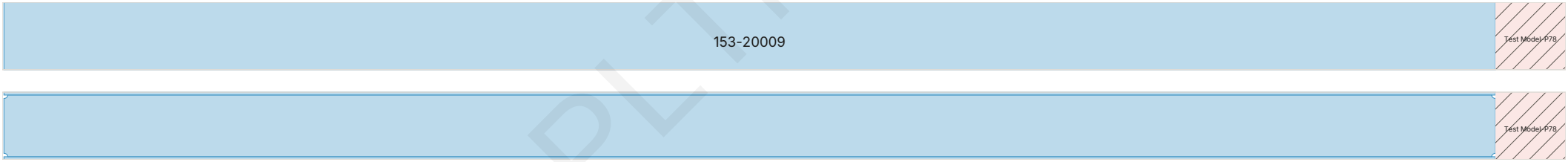
Bar 3 | HEA600 / S355JR | S25 | 15000 mm



Leftover 1296.2 mm (Test Model-P79) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20068	6368 mm	13 mm	6381 mm	
2	153-20068	6368 mm	6384 mm	12752 mm	
3	153-20253	898.8 mm	12755 mm	12786 mm	Flipped, Shared
4	153-20253	898.8 mm	12789 mm	13687.8 mm	Shared
R	Test Model-P79	1296.2 mm	13703.8 mm	15000 mm	Remnant

Bar 4 | HEA600 / S355JR | S24 | 12000 mm

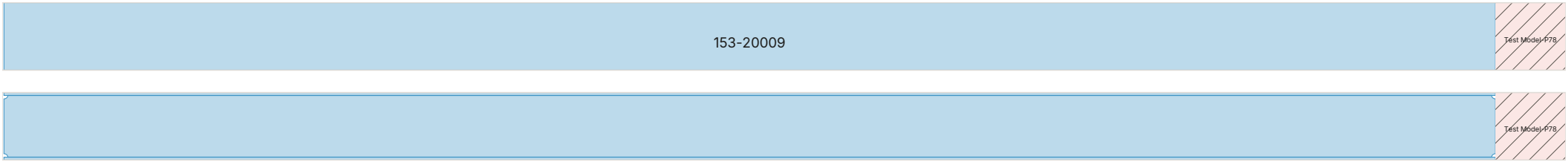


Leftover 523 mm (Test Model-P78) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20009	11448 mm	13 mm	11461 mm	
R	Test Model-P78	523 mm	11477 mm	12000 mm	Remnant

PLTNest

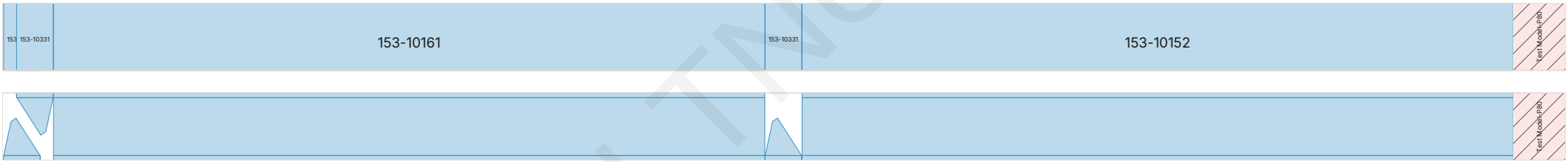
Bar 5 | HEA600 / S355JR | S24 | 12000 mm



Leftover 523 mm (Test Model-P78) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20009	11448 mm	13 mm	11461 mm	
R	Test Model-P78	523 mm	11477 mm	12000 mm	Remnant

Bar 1 | HEB240 / S355JR | S42 | 15000 mm

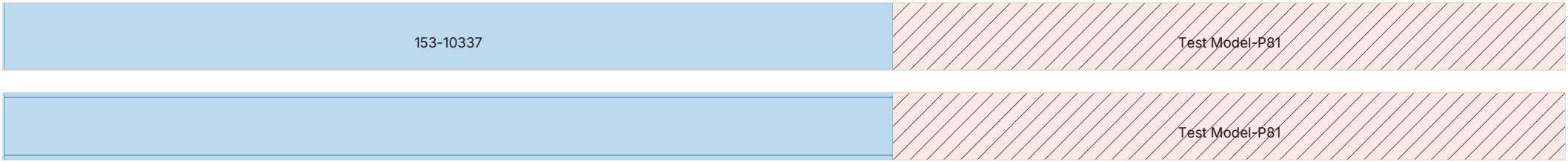


Leftover 486.6 mm (Test Model-P80) | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-10331	351.5 mm	13 mm	134.5 mm	Shared
2	153-10331	351.5 mm	137.5 mm	488.9 mm	Flipped, Shared
3	153-10161	6824 mm	491.9 mm	7315.9 mm	
4	153-10331	351.5 mm	7318.9 mm	7670.4 mm	
5	153-10152	6824 mm	7673.4 mm	14497.4 mm	
R	Test Model-P80	486.6 mm	14513.4 mm	15000 mm	Remnant

PLTNest

Bar 2 | HEB240 / S355JR | S41 | 12000 mm



Leftover 5147 mm (Test Model-P81) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10337	6824 mm	13 mm	6837 mm	
R	Test Model-P81	5147 mm	6853 mm	12000 mm	Remnant

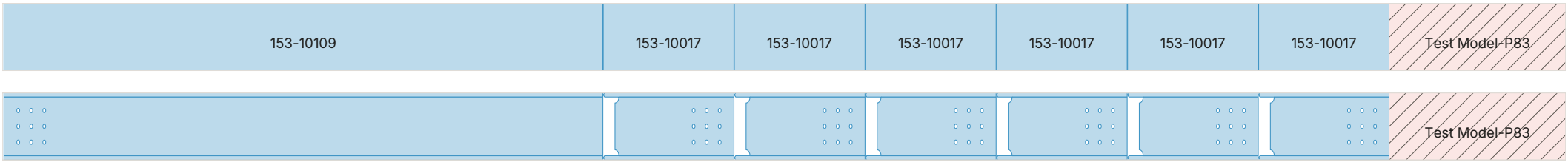
Bar 1 | HEB240 / ZERO_DENSITY | S59 | 12000 mm



Leftover 10594 mm (Test Model-P82) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	X20001	1377 mm	13 mm	1390 mm	
R	Test Model-P82	10594 mm	1406 mm	12000 mm	Remnant

Bar 1 | HEB340 / S355JR | S45 | 12000 mm



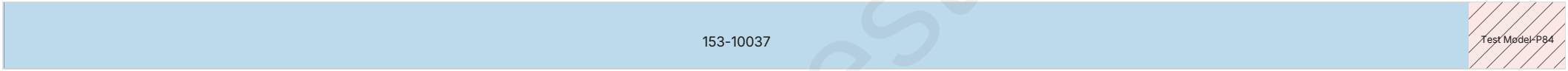
Leftover 1338 mm (Test Model-P83) | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-10109	4597 mm	13 mm	4610 mm	

PLTest

Seq	Part mark	Length	Start	End	Mitre
2	153-10017	1003 mm	4613 mm	5616 mm	
3	153-10017	1003 mm	5619 mm	6622 mm	
4	153-10017	1003 mm	6625 mm	7628 mm	
5	153-10017	1003 mm	7631 mm	8634 mm	
6	153-10017	1003 mm	8637 mm	9640 mm	
7	153-10017	1003 mm	9643 mm	10646 mm	
R	Test Model-P83	1338 mm	10662 mm	12000 mm	Remnant

Bar 2 | HEB340 / S355JR | S45 | 12000 mm





Leftover 724 mm (Test Model-P84) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10037	11247 mm	13 mm	11260 mm	
R	Test Model-P84	724 mm	11276 mm	12000 mm	Remnant

Bar 3 | HEB340 / S355JR | S45 | 12000 mm



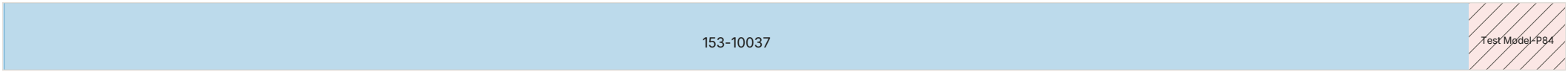


Leftover 2774 mm (Test Model-P85) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10109	4597 mm	13 mm	4610 mm	
2	153-10109	4597 mm	4613 mm	9210 mm	
R	Test Model-P85	2774 mm	9226 mm	12000 mm	Remnant

PLTNest

Bar 4 | HEB340 / S355JR | S45 | 12000 mm



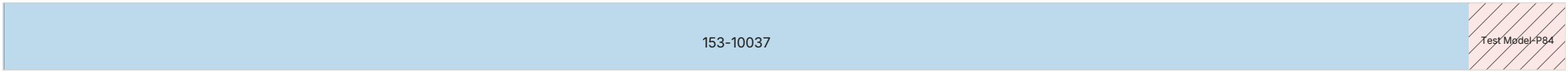


Leftover 724 mm (Test Model-P84) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10037	11247 mm	13 mm	11260 mm	
R	Test Model-P84	724 mm	11276 mm	12000 mm	Remnant

PLTNest

Bar 5 | HEB340 / S355JR | S45 | 12000 mm





Leftover 724 mm (Test Model-P84) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10037	11247 mm	13 mm	11260 mm	
R	Test Model-P84	724 mm	11276 mm	12000 mm	Remnant

Bar 1 | HEB400 / S355JR | S32 | 12000 mm



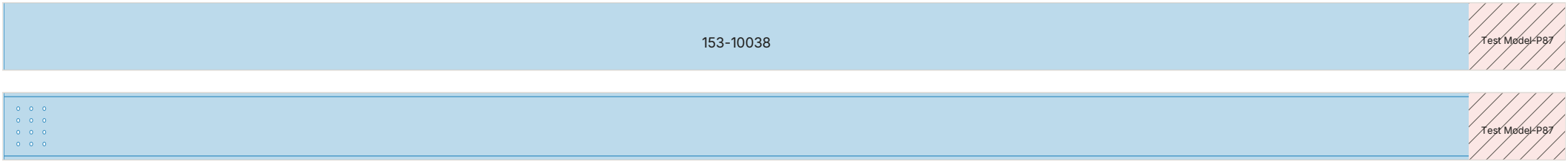


Leftover 1791 mm (Test Model-P86) | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-10010	1113 mm	13 mm	1126 mm	
2	153-10010	1113 mm	1129 mm	2242 mm	
3	153-10005	5716 mm	2245 mm	7961 mm	
4	153-10010	1113 mm	7964 mm	9077 mm	
5	153-10102	1113 mm	9080 mm	10193.1 mm	
R	Test Model-P86	1791 mm	10209.1 mm	12000 mm	Remnant

PLTNest

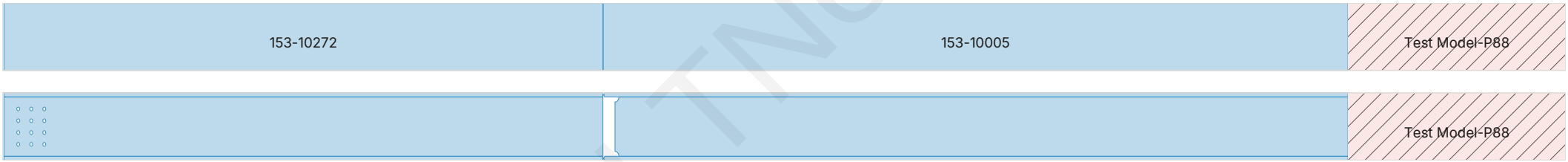
Bar 2 | HEB400 / S355JR | S32 | 12000 mm



Leftover 724 mm (Test Model-P87) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10038	11247 mm	13 mm	11260 mm	
R	Test Model-P87	724 mm	11276 mm	12000 mm	Remnant

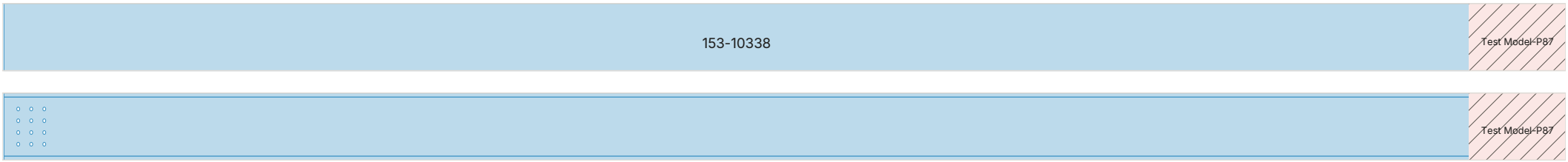
Bar 3 | HEB400 / S355JR | S32 | 12000 mm



Leftover 1655 mm (Test Model-P88) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-10272	4597 mm	13 mm	4610 mm	
2	153-10005	5716 mm	4613 mm	10329 mm	
R	Test Model-P88	1655 mm	10345 mm	12000 mm	Remnant

Bar 4 | HEB400 / S355JR | S32 | 12000 mm

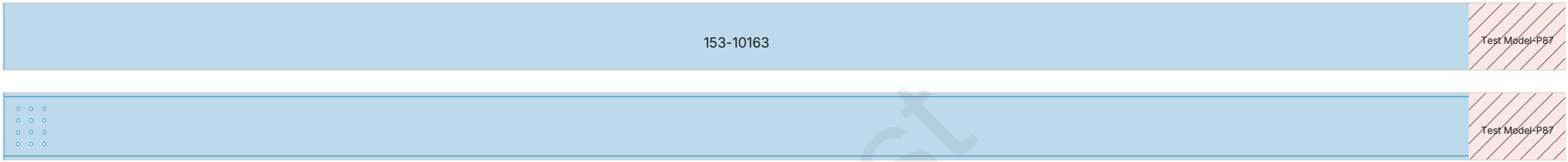


Leftover 724 mm (Test Model-P87) | Cuts 1

PLTNest

Seq	Part mark	Length	Start	End	Mitre
1	153-10338	11247 mm	13 mm	11260 mm	
R	Test Model-P87	724 mm	11276 mm	12000 mm	Remnant

Bar 5 | HEB400 / S355JR | S32 | 12000 mm

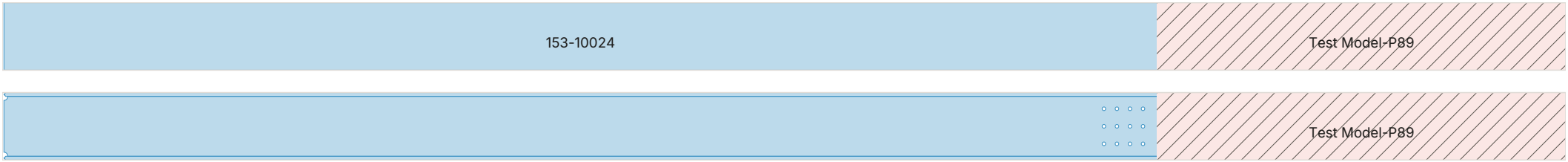


Leftover 724 mm (Test Model-P87) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10163	11247 mm	13 mm	11260 mm	
R	Test Model-P87	724 mm	11276 mm	12000 mm	Remnant

PLTNest

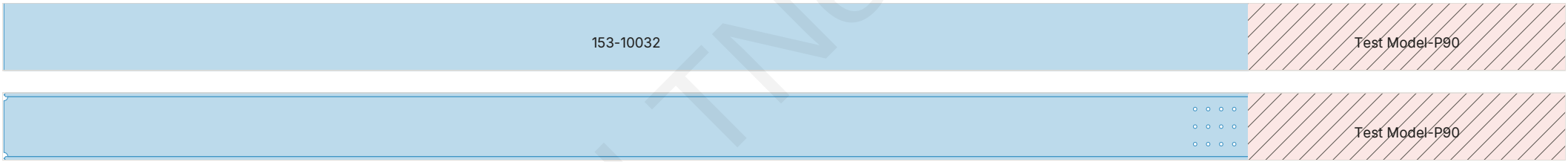
Bar 1 | HEB500 / S355JR | S51 | 12000 mm



Leftover 3119 mm (Test Model-P89) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10024	8852 mm	13 mm	8865 mm	
R	Test Model-P89	3119 mm	8881 mm	12000 mm	Remnant

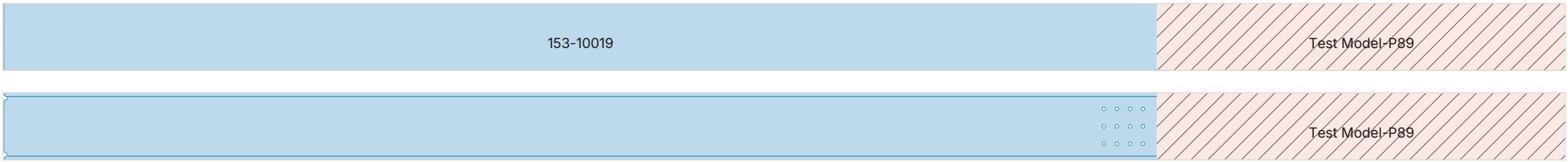
Bar 2 | HEB500 / S355JR | S51 | 12000 mm



Leftover 2419 mm (Test Model-P90) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10032	9552 mm	13 mm	9565 mm	
R	Test Model-P90	2419 mm	9581 mm	12000 mm	Remnant

Bar 3 | HEB500 / S355JR | S51 | 12000 mm



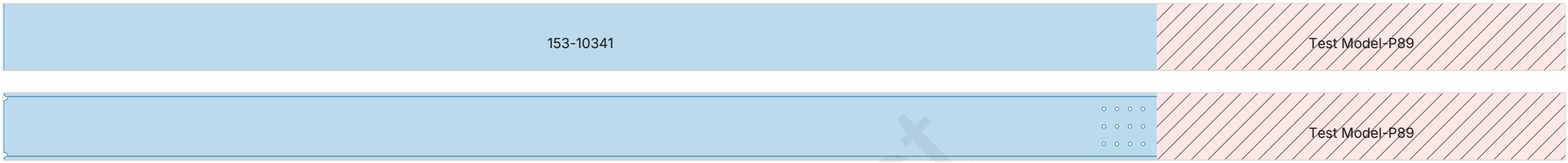
Leftover 3119 mm (Test Model-P89) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10019	8852 mm	13 mm	8865 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
R	Test Model-P89	3119 mm	8881 mm	12000 mm	Remnant

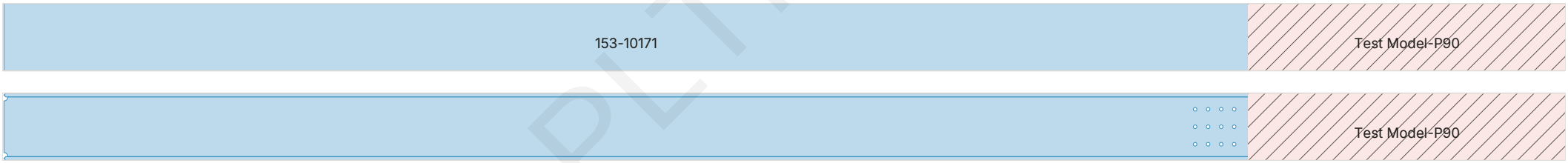
Bar 4 | HEB500 / S355JR | S51 | 12000 mm



Leftover 3119 mm (Test Model-P89) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10341	8852 mm	13 mm	8865 mm	
R	Test Model-P89	3119 mm	8881 mm	12000 mm	Remnant

Bar 5 | HEB500 / S355JR | S51 | 12000 mm

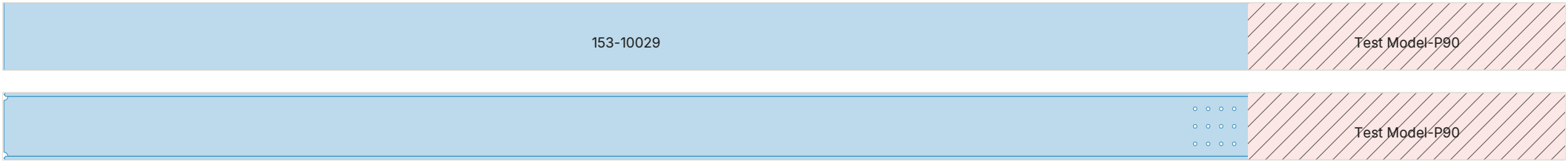


Leftover 2419 mm (Test Model-P90) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10171	9552 mm	13 mm	9565 mm	
R	Test Model-P90	2419 mm	9581 mm	12000 mm	Remnant

PLTNest

Bar 6 | HEB500 / S355JR | S51 | 12000 mm

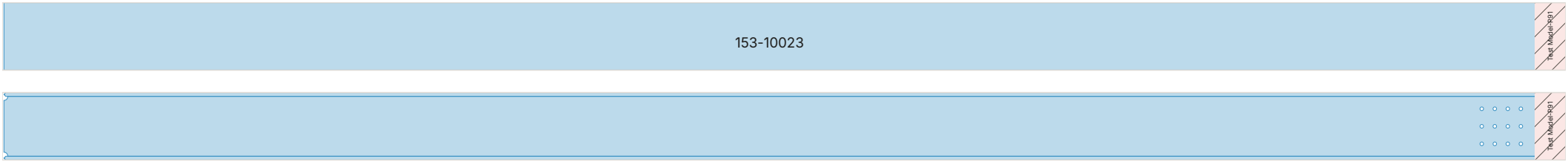


Leftover 2419 mm (Test Model-P90) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10029	9552 mm	13 mm	9565 mm	
R	Test Model-P90	2419 mm	9581 mm	12000 mm	Remnant

PLTNest

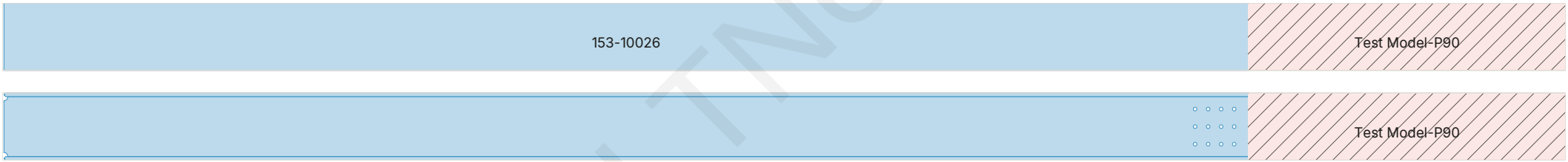
Bar 7 | HEB500 / S355JR | S51 | 12000 mm



Leftover 219 mm (Test Model-P91) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10023	11752 mm	13 mm	11765 mm	
R	Test Model-P91	219 mm	11781 mm	12000 mm	Remnant

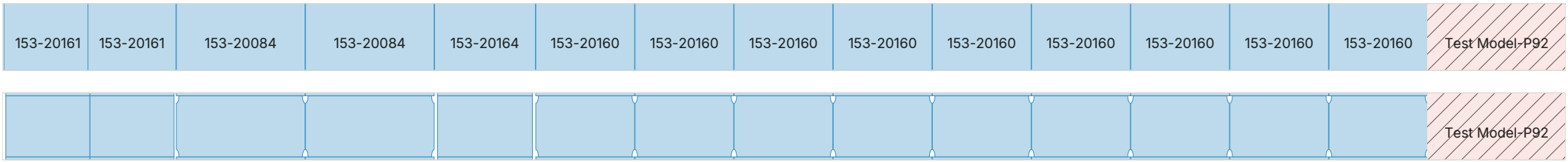
Bar 8 | HEB500 / S355JR | S51 | 12000 mm



Leftover 2419 mm (Test Model-P90) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-10026	9552 mm	13 mm	9565 mm	
R	Test Model-P90	2419 mm	9581 mm	12000 mm	Remnant

Bar 1 | IPE180 / S355JR | S53 | 12000 mm



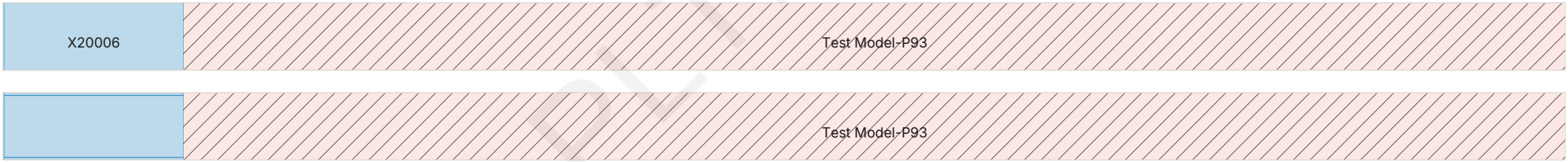
Leftover 1042.9 mm (Test Model-P92) | Cuts 14

Seq	Part mark	Length	Start	End	Mitre
1	153-20161	675.1 mm	13 mm	654.9 mm	Flipped, Shared

PLTNest

Seq	Part mark	Length	Start	End	Mitre
2	153-20161	675.1 mm	657.9 mm	1333 mm	Shared
3	153-20084	988 mm	1336 mm	2324 mm	
4	153-20084	988 mm	2327 mm	3315 mm	
5	153-20164	774.1 mm	3318 mm	4092.1 mm	
6	153-20160	758 mm	4095.1 mm	4853.1 mm	
7	153-20160	758 mm	4856.1 mm	5614.1 mm	
8	153-20160	758 mm	5617.1 mm	6375.1 mm	
9	153-20160	758 mm	6378.1 mm	7136.1 mm	
10	153-20160	758 mm	7139.1 mm	7897.1 mm	
11	153-20160	758 mm	7900.1 mm	8658.1 mm	
12	153-20160	758 mm	8661.1 mm	9419.1 mm	
13	153-20160	758 mm	9422.1 mm	10180.1 mm	
14	153-20160	758 mm	10183.1 mm	10941.1 mm	
R	Test Model-P92	1042.9 mm	10957.1 mm	12000 mm	Remnant

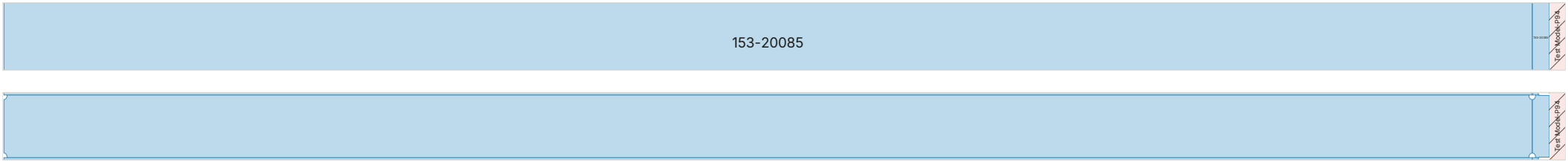
Bar 1 | IPE240 / ZERO_DENSITY | S61 | 12000 mm



Leftover 10591 mm (Test Model-P93) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	X20006	1380 mm	13 mm	1393 mm	
R	Test Model-P93	10591 mm	1409 mm	12000 mm	Remnant

Bar 1 | IPE360 / S355JR | S28 | 12000 mm



Leftover 109 mm (Test Model-P94) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20085	11728.5 mm	13 mm	11741.5 mm	
2	153-20385	130.5 mm	11744.5 mm	11875 mm	
R	Test Model-P94	109 mm	11891 mm	12000 mm	Remnant

Bar 2 | IPE360 / S355JR | S29 | 15000 mm



Leftover 5 mm | Cuts 5

Seq	Part mark	Length	Start	End	Mitre
1	153-20058	11788 mm	13 mm	11801 mm	
2	153-20116	130.5 mm	11804 mm	11934.5 mm	
3	153-20094	1459 mm	11937.5 mm	13396.5 mm	
4	153-20094	1459 mm	13399.5 mm	14858.5 mm	
5	153-20384	130.5 mm	14861.5 mm	14992 mm	

PLTNest

Bar 3 | IPE360 / S355JR | S29 | 15000 mm





Leftover 215 mm (Test Model-P95) | Cuts 4

Seq	Part mark	Length	Start	End	Mitre
1	153-20085	11728.5 mm	13 mm	11741.5 mm	
2	153-20041	1444 mm	11744.5 mm	13188.5 mm	
3	153-20116	130.5 mm	13191.5 mm	13322 mm	
4	153-20081	1444 mm	13325 mm	14769 mm	
R	Test Model-P95	215 mm	14785 mm	15000 mm	Remnant

Bar 4 | IPE360 / S355JR | S28 | 12000 mm



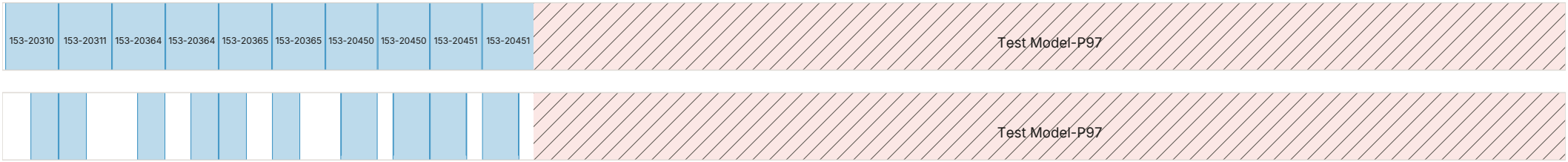


Leftover 183 mm (Test Model-P96) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-20058	11788 mm	13 mm	11801 mm	
R	Test Model-P96	183 mm	11817 mm	12000 mm	Remnant

PLTNest

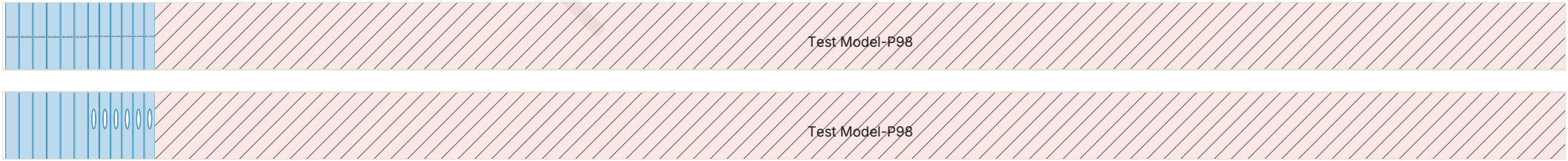
Bar 1 | L150*10 / S275JR | S11 | 6000 mm



Leftover 3943.5 mm (Test Model-P97) | Cuts 10

Seq	Part mark	Length	Start	End	Mitre
1	153-20310	201.8 mm	13 mm	214.8 mm	
2	153-20311	201.8 mm	217.8 mm	419.5 mm	
3	153-20364	201.8 mm	422.5 mm	624.3 mm	
4	153-20364	201.8 mm	627.3 mm	829 mm	
5	153-20365	201.8 mm	832 mm	1033.8 mm	
6	153-20365	201.8 mm	1036.8 mm	1238.5 mm	
7	153-20450	197.5 mm	1241.5 mm	1439 mm	
8	153-20450	197.5 mm	1442 mm	1639.5 mm	
9	153-20451	197.5 mm	1642.5 mm	1840 mm	
10	153-20451	197.5 mm	1843 mm	2040.5 mm	
R	Test Model-P97	3943.5 mm	2056.5 mm	6000 mm	Remnant

Bar 1 | L50*6 / S275JR | S15 | 6000 mm



Leftover 5398 mm (Test Model-P98) | Cuts 12

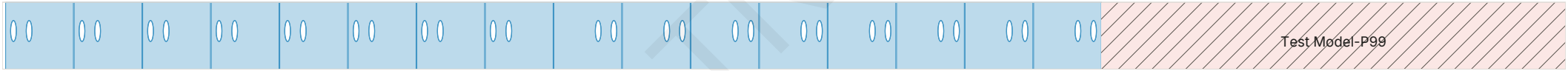
Seq	Part mark	Length	Start	End	Mitre
1	153-60129	50 mm	13 mm	63 mm	
2	153-60129	50 mm	66 mm	116 mm	
3	153-60129	50 mm	119 mm	169 mm	
4	153-60129	50 mm	172 mm	222 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
5	153-60129	50 mm	225 mm	275 mm	
6	153-60129	50 mm	278 mm	328 mm	
7	153-70030	40 mm	331 mm	371 mm	
8	153-70030	40 mm	374 mm	414 mm	
9	153-70030	40 mm	417 mm	457 mm	
10	153-70030	40 mm	460 mm	500 mm	
11	153-70030	40 mm	503 mm	543 mm	
12	153-70030	40 mm	546 mm	586 mm	
R	Test Model-P98	5398 mm	602 mm	6000 mm	Remnant

Bar 1 | L70*7 / S275JR | S36 | 6000 mm





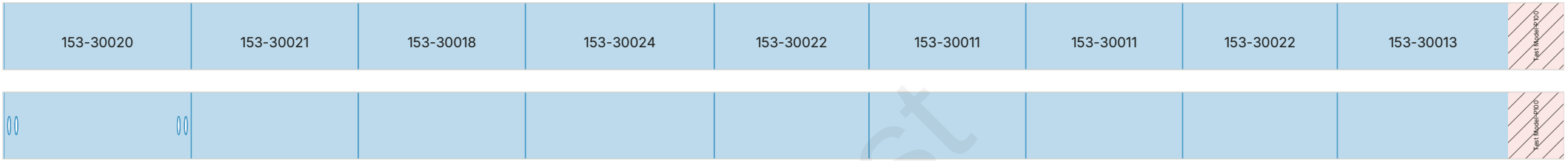
Leftover 1766 mm (Test Model-P99) | Cuts 16

Seq	Part mark	Length	Start	End	Mitre
1	153-10253	260 mm	13 mm	273 mm	
2	153-10253	260 mm	276 mm	536 mm	
3	153-10253	260 mm	539 mm	799 mm	
4	153-10253	260 mm	802 mm	1062 mm	
5	153-10253	260 mm	1065 mm	1325 mm	
6	153-10253	260 mm	1328 mm	1588 mm	
7	153-10253	260 mm	1591 mm	1851 mm	
8	153-10253	260 mm	1854 mm	2114 mm	
9	153-10254	260 mm	2117 mm	2377 mm	
10	153-10254	260 mm	2380 mm	2640 mm	
11	153-10254	260 mm	2643 mm	2903 mm	
12	153-10254	260 mm	2906 mm	3166 mm	
13	153-10254	260 mm	3169 mm	3429 mm	
14	153-10254	260 mm	3432 mm	3692 mm	
15	153-10254	260 mm	3695 mm	3955 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
16	153-10254	260 mm	3958 mm	4218 mm	
R	Test Model-P99	1766 mm	4234 mm	6000 mm	Remnant

Bar 1 | L80*8 / S275JR | S34 | 12000 mm

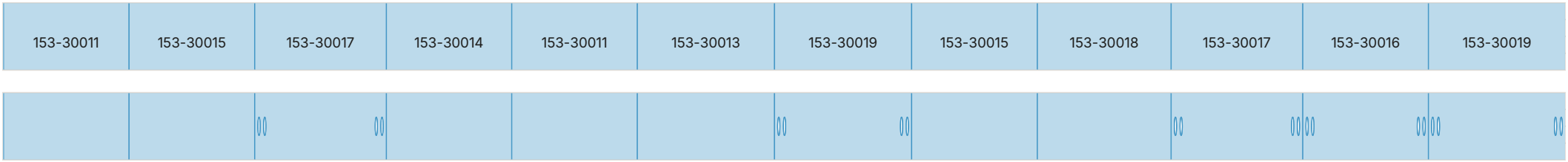


Leftover 412.6 mm (Test Model-P100) | Cuts 9

Seq	Part mark	Length	Start	End	Mitre
1	153-30020	1437.7 mm	13 mm	1450.7 mm	
2	153-30021	1280 mm	1453.7 mm	2733.7 mm	
3	153-30018	1280.7 mm	2736.7 mm	4017.5 mm	
4	153-30024	1448 mm	4020.5 mm	5468.5 mm	
5	153-30022	1185.8 mm	5471.5 mm	6657.3 mm	
6	153-30011	1201.7 mm	6660.3 mm	7862 mm	
7	153-30011	1201.7 mm	7865 mm	9066.7 mm	
8	153-30022	1185.8 mm	9069.7 mm	10255.5 mm	
9	153-30013	1313 mm	10258.5 mm	11571.4 mm	
R	Test Model-P100	412.6 mm	11587.4 mm	12000 mm	Remnant

PLTNest

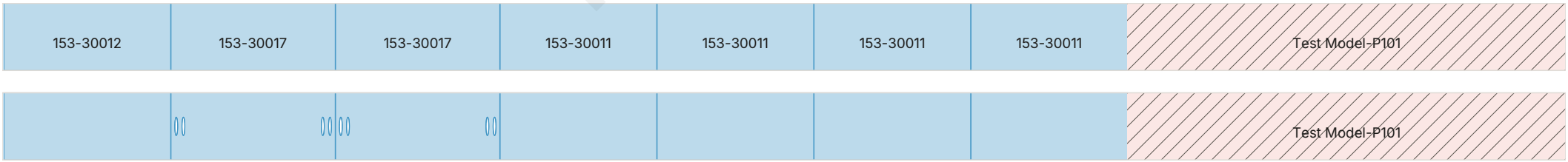
Bar 2 | L80*8 / S275JR | S35 | 15000 mm



Leftover 0 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-30011	1201.7 mm	13 mm	1214.7 mm	
2	153-30015	1202.7 mm	1217.7 mm	2420.4 mm	
3	153-30017	1260.1 mm	2423.4 mm	3683.5 mm	
4	153-30014	1199.8 mm	3686.5 mm	4886.3 mm	
5	153-30011	1201.7 mm	4889.3 mm	6091 mm	
6	153-30013	1313 mm	6094 mm	7407 mm	
7	153-30019	1312.9 mm	7410 mm	8723 mm	
8	153-30015	1202.7 mm	8726 mm	9928.7 mm	
9	153-30018	1280.7 mm	9931.7 mm	11212.4 mm	
10	153-30017	1260.1 mm	11215.4 mm	12475.5 mm	
11	153-30016	1202.5 mm	12478.5 mm	13681 mm	
12	153-30019	1312.9 mm	13684 mm	14997 mm	

Bar 3 | L80*8 / S275JR | S34 | 12000 mm



Leftover 3346.6 mm (Test Model-P101) | Cuts 7

Seq	Part mark	Length	Start	End	Mitre
1	153-30012	1279.4 mm	13 mm	1292.4 mm	
2	153-30017	1260.1 mm	1295.4 mm	2555.5 mm	
3	153-30017	1260.1 mm	2558.5 mm	3818.6 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-30011	1201.7 mm	3821.6 mm	5023.3 mm	
5	153-30011	1201.7 mm	5026.3 mm	6228 mm	
6	153-30011	1201.7 mm	6231 mm	7432.7 mm	
7	153-30011	1201.7 mm	7435.7 mm	8637.4 mm	
R	Test Model-P101	3346.6 mm	8653.4 mm	12000 mm	Remnant

Bar 1 | L90*9 / S275JR | S14 | 6000 mm





Leftover 5544 mm (Test Model-P102) | Cuts 10

Seq	Part mark	Length	Start	End	Mitre
1	153-70001	40 mm	13 mm	53 mm	
2	153-70001	40 mm	56 mm	96 mm	
3	153-70001	40 mm	99 mm	139 mm	
4	153-70001	40 mm	142 mm	182 mm	
5	153-70001	40 mm	185 mm	225 mm	
6	153-70001	40 mm	228 mm	268 mm	
7	153-70017	40 mm	271 mm	311 mm	
8	153-70017	40 mm	314 mm	354 mm	
9	153-70017	40 mm	357 mm	397 mm	
10	153-70029	40 mm	400 mm	440 mm	
R	Test Model-P102	5544 mm	456 mm	6000 mm	Remnant

PLTNest

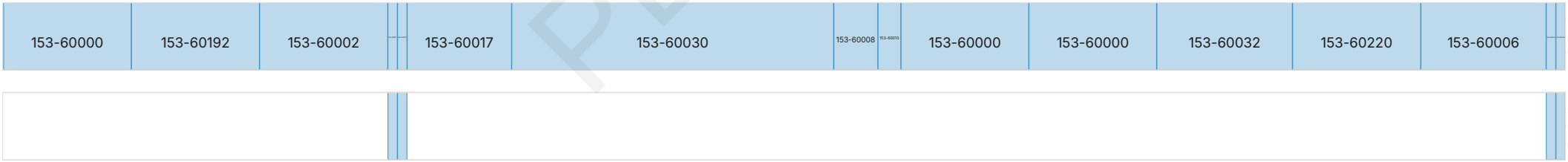
Bar 1 | PIPE1-1/2SCH40 / A53-GR.B | S1 | 12000 mm



Leftover 0.9 mm | Cuts 9

Seq	Part mark	Length	Start	End	Mitre
1	153-60240	3286.9 mm	13 mm	3299.9 mm	
2	153-60008	421 mm	3302.9 mm	3723.9 mm	
3	153-60008	421 mm	3726.9 mm	4147.9 mm	
4	153-60036	368 mm	4150.9 mm	4518.9 mm	
5	153-60000	1224.2 mm	4521.9 mm	5746.1 mm	
6	153-60000	1224.2 mm	5749.1 mm	6973.2 mm	
7	153-60000	1224.2 mm	6976.2 mm	8200.4 mm	
8	153-60237	3368.7 mm	8203.4 mm	11572.2 mm	
9	153-60008	421 mm	11575.2 mm	11996.2 mm	

Bar 2 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



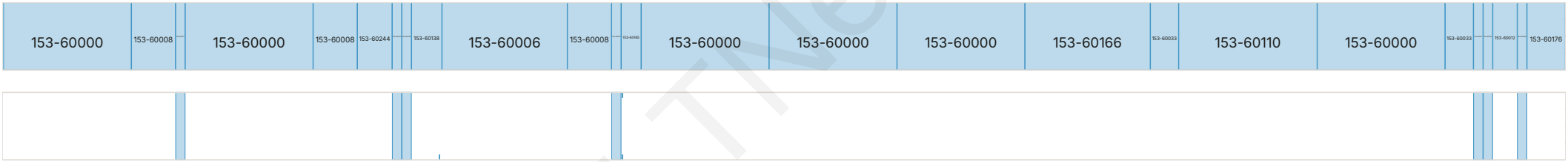
Leftover 0.9 mm | Cuts 16

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60192	1227.2 mm	1240.2 mm	2467.4 mm	
3	153-60002	1227.2 mm	2470.4 mm	3697.5 mm	
4	153-60157	89.5 mm	3700.5 mm	3790.1 mm	
5	153-60222	89.5 mm	3793.1 mm	3882.6 mm	
6	153-60017	1000 mm	3885.6 mm	4885.6 mm	

PL Nest

Seq	Part mark	Length	Start	End	Mitre
7	153-60030	3086.9 mm	4888.6 mm	7975.5 mm	
8	153-60008	421 mm	7978.5 mm	8399.5 mm	
9	153-60010	218 mm	8402.5 mm	8620.5 mm	
10	153-60000	1224.2 mm	8623.5 mm	9847.7 mm	
11	153-60000	1224.2 mm	9850.7 mm	11074.8 mm	
12	153-60032	1300 mm	11077.8 mm	12377.8 mm	
13	153-60220	1227.2 mm	12380.8 mm	13608 mm	
14	153-60006	1200 mm	13611 mm	14811 mm	
15	153-60045	89.5 mm	14814 mm	14903.6 mm	
16	153-60045	89.5 mm	14906.6 mm	14996.1 mm	

Bar 3 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 1.4 mm | Cuts 26

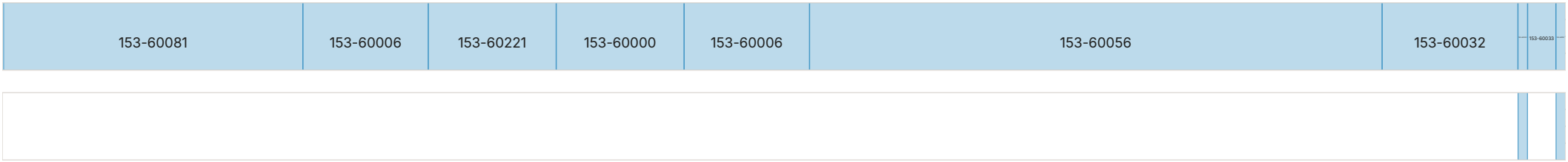
Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60008	421 mm	1240.2 mm	1661.2 mm	
3	153-60157	89.5 mm	1664.2 mm	1753.7 mm	
4	153-60000	1224.2 mm	1756.7 mm	2980.9 mm	
5	153-60008	421 mm	2983.9 mm	3404.9 mm	
6	153-60244	331.5 mm	3407.9 mm	3739.4 mm	
7	153-60045	89.5 mm	3742.4 mm	3831.9 mm	
8	153-60045	89.5 mm	3834.9 mm	3924.5 mm	
9	153-60138	289.5 mm	3927.5 mm	4217 mm	
10	153-60006	1200 mm	4220 mm	5420 mm	
11	153-60008	421 mm	5423 mm	5844 mm	
12	153-60222	89.5 mm	5847 mm	5936.5 mm	
13	153-60165	188.9 mm	5939.5 mm	6128.4 mm	
14	153-60000	1224.2 mm	6131.4 mm	7355.6 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
15	153-60000	1224.2 mm	7358.6 mm	8582.8 mm	
16	153-60000	1224.2 mm	8585.8 mm	9810 mm	
17	153-60166	1200 mm	9813 mm	11013 mm	
18	153-60033	268.9 mm	11016 mm	11284.8 mm	
19	153-60110	1326.3 mm	11287.8 mm	12614.1 mm	
20	153-60000	1224.2 mm	12617.1 mm	13841.3 mm	
21	153-60033	268.9 mm	13844.3 mm	14113.1 mm	
22	153-60157	89.5 mm	14116.1 mm	14205.7 mm	
23	153-60222	89.5 mm	14208.7 mm	14298.2 mm	
24	153-60012	232.3 mm	14301.2 mm	14533.5 mm	
25	153-60248	89.5 mm	14536.5 mm	14626 mm	
26	153-60176	366.6 mm	14629 mm	14995.6 mm	

PLTNest

Bar 4 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0 mm | Cuts 10

Seq	Part mark	Length	Start	End	Mitre
1	153-60081	2870 mm	13 mm	2883 mm	
2	153-60006	1200 mm	2886 mm	4086 mm	
3	153-60221	1224.2 mm	4089 mm	5313.2 mm	
4	153-60000	1224.2 mm	5316.2 mm	6540.4 mm	
5	153-60006	1200 mm	6543.4 mm	7743.4 mm	
6	153-60056	5490.7 mm	7746.4 mm	13237 mm	
7	153-60032	1300 mm	13240 mm	14540 mm	
8	153-60222	89.5 mm	14543 mm	14632.6 mm	
9	153-60033	268.9 mm	14635.6 mm	14904.4 mm	
10	153-60157	89.5 mm	14907.4 mm	14997 mm	

Bar 5 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



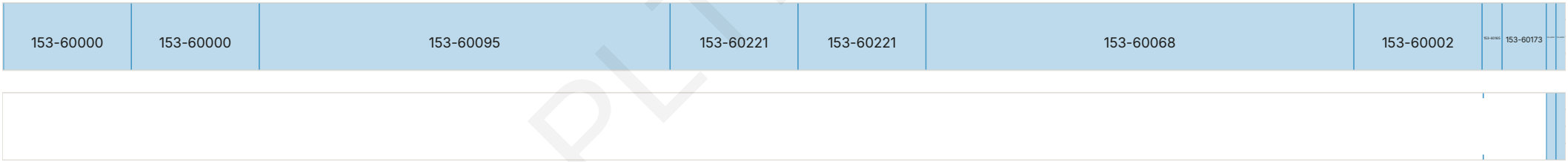
Leftover 0.1 mm | Cuts 19

Seq	Part mark	Length	Start	End	Mitre
1	153-60221	1224.2 mm	13 mm	1237.2 mm	
2	153-60141	186 mm	1240.2 mm	1426.2 mm	
3	153-60032	1300 mm	1429.2 mm	2729.2 mm	
4	153-60033	268.9 mm	2732.2 mm	3001.1 mm	
5	153-60046	273 mm	3004.1 mm	3277.1 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
6	153-60032	1300 mm	3280.1 mm	4580.1 mm	
7	153-60146	132.8 mm	4583.1 mm	4715.9 mm	
8	153-60032	1300 mm	4718.9 mm	6018.9 mm	
9	153-60010	218 mm	6021.9 mm	6239.9 mm	
10	153-60190	1224.2 mm	6242.9 mm	7467.1 mm	
11	153-60006	1200 mm	7470.1 mm	8670.1 mm	
12	153-60000	1224.2 mm	8673.1 mm	9897.2 mm	
13	153-60118	969.9 mm	9900.2 mm	10870.1 mm	
14	153-60008	421 mm	10873.1 mm	11294.1 mm	
15	153-60000	1224.2 mm	11297.1 mm	12521.3 mm	
16	153-60221	1224.2 mm	12524.3 mm	13748.5 mm	
17	153-60008	421 mm	13751.5 mm	14172.5 mm	
18	153-60141	186 mm	14175.5 mm	14361.5 mm	
19	153-60206	632.4 mm	14364.5 mm	14996.9 mm	

Bar 6 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



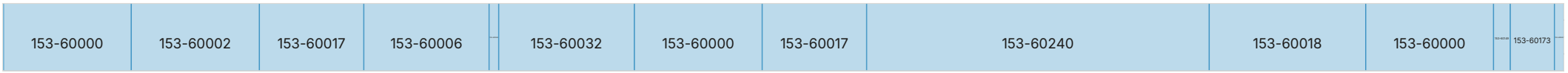
Leftover 0 mm | Cuts 11

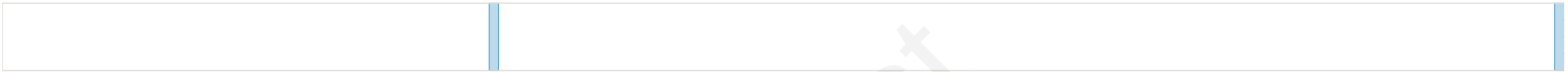
Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60000	1224.2 mm	1240.2 mm	2464.4 mm	
3	153-60095	3938.5 mm	2467.4 mm	6405.9 mm	
4	153-60221	1224.2 mm	6408.9 mm	7633 mm	
5	153-60221	1224.2 mm	7636 mm	8860.2 mm	
6	153-60068	4102.7 mm	8863.2 mm	12965.9 mm	
7	153-60002	1227.2 mm	12968.9 mm	14196.1 mm	
8	153-60165	188.9 mm	14199.1 mm	14387.9 mm	
9	153-60173	421 mm	14390.9 mm	14811.9 mm	
10	153-60157	89.5 mm	14814.9 mm	14904.5 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
11	153-60157	89.5 mm	14907.5 mm	14997 mm	

Bar 7 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

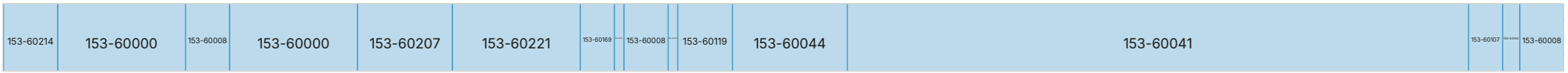


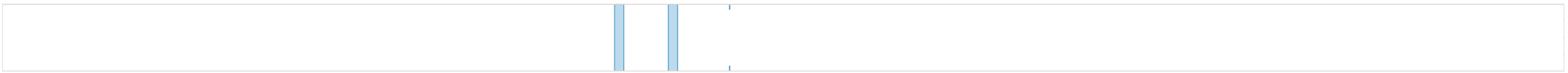


Leftover 0.4 mm | Cuts 14

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60002	1227.2 mm	1240.2 mm	2467.4 mm	
3	153-60017	1000 mm	2470.4 mm	3470.4 mm	
4	153-60006	1200 mm	3473.4 mm	4673.4 mm	
5	153-60248	89.5 mm	4676.4 mm	4765.9 mm	
6	153-60032	1300 mm	4768.9 mm	6068.9 mm	
7	153-60000	1224.2 mm	6071.9 mm	7296.1 mm	
8	153-60017	1000 mm	7299.1 mm	8299.1 mm	
9	153-60240	3286.9 mm	8302.1 mm	11588.9 mm	
10	153-60018	1500 mm	11591.9 mm	13091.9 mm	
11	153-60000	1224.2 mm	13094.9 mm	14319.1 mm	
12	153-60149	157.9 mm	14322.1 mm	14480 mm	
13	153-60173	421 mm	14483 mm	14904 mm	
14	153-60045	89.5 mm	14907 mm	14996.6 mm	

Bar 8 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



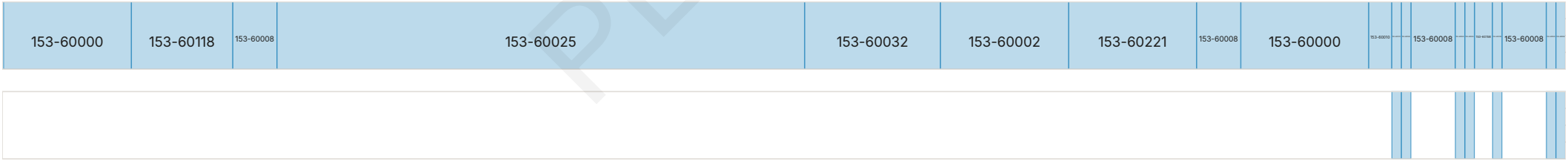


PLTNest

Leftover 1.3 mm | Cuts 16

Seq	Part mark	Length	Start	End	Mitre
1	153-60214	518.3 mm	13 mm	531.3 mm	
2	153-60000	1224.2 mm	534.3 mm	1758.4 mm	
3	153-60008	421 mm	1761.4 mm	2182.4 mm	
4	153-60000	1224.2 mm	2185.4 mm	3409.6 mm	
5	153-60207	909 mm	3412.6 mm	4321.6 mm	
6	153-60221	1224.2 mm	4324.6 mm	5548.8 mm	
7	153-60169	324.9 mm	5551.8 mm	5876.7 mm	
8	153-60157	89.5 mm	5879.7 mm	5969.2 mm	
9	153-60008	421 mm	5972.2 mm	6393.2 mm	
10	153-60045	89.5 mm	6396.2 mm	6485.7 mm	
11	153-60119	522.2 mm	6488.7 mm	7011 mm	
12	153-60044	1100 mm	7014 mm	8114 mm	
13	153-60041	5961.9 mm	8117 mm	14078.9 mm	
14	153-60107	324.9 mm	14081.9 mm	14406.8 mm	
15	153-60054	162 mm	14409.8 mm	14571.7 mm	
16	153-60008	421 mm	14574.7 mm	14995.7 mm	

Bar 9 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.2 mm | Cuts 20

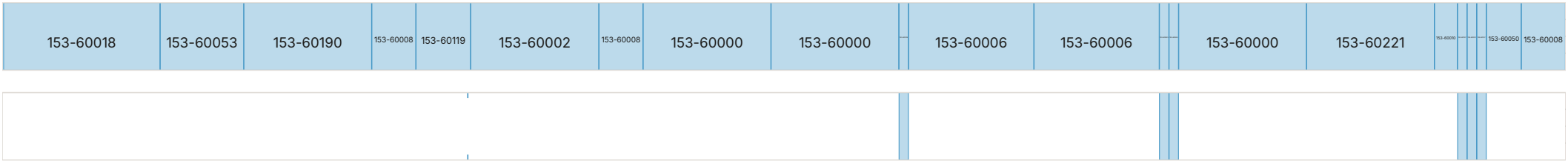
Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60118	969.9 mm	1240.2 mm	2210.1 mm	
3	153-60008	421 mm	2213.1 mm	2634.1 mm	
4	153-60025	5059.6 mm	2637.1 mm	7696.7 mm	
5	153-60032	1300 mm	7699.7 mm	8999.7 mm	
6	153-60002	1227.2 mm	9002.7 mm	10229.8 mm	
7	153-60221	1224.2 mm	10232.8 mm	11457 mm	

PL Nest

Seq	Part mark	Length	Start	End	Mitre
8	153-60008	421 mm	11460 mm	11881 mm	
9	153-60000	1224.2 mm	11884 mm	13108.2 mm	
10	153-60010	218 mm	13111.2 mm	13329.2 mm	
11	153-60222	89.5 mm	13332.2 mm	13421.7 mm	
12	153-60045	89.5 mm	13424.7 mm	13514.3 mm	
13	153-60008	421 mm	13517.3 mm	13938.3 mm	
14	153-60045	89.5 mm	13941.3 mm	14030.8 mm	
15	153-60045	89.5 mm	14033.8 mm	14123.3 mm	
16	153-60158	168.9 mm	14126.3 mm	14295.2 mm	
17	153-60228	89.5 mm	14298.2 mm	14387.7 mm	
18	153-60008	421 mm	14390.7 mm	14811.7 mm	
19	153-60045	89.5 mm	14814.7 mm	14904.3 mm	
20	153-60045	89.5 mm	14907.3 mm	14996.8 mm	

PLTNest

Bar 10 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

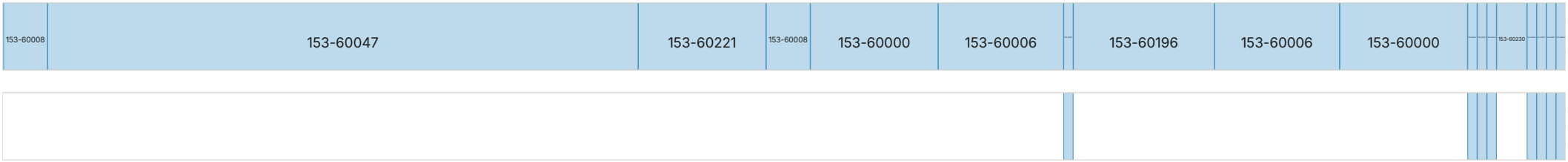


Leftover 1 mm | Cuts 22

Seq	Part mark	Length	Start	End	Mitre
1	153-60018	1500 mm	13 mm	1513 mm	
2	153-60053	800 mm	1516 mm	2316 mm	
3	153-60190	1224.2 mm	2319 mm	3543.2 mm	
4	153-60008	421 mm	3546.2 mm	3967.2 mm	
5	153-60119	522.2 mm	3970.2 mm	4492.4 mm	
6	153-60002	1227.2 mm	4495.4 mm	5722.6 mm	
7	153-60008	421 mm	5725.6 mm	6146.6 mm	
8	153-60000	1224.2 mm	6149.6 mm	7373.8 mm	
9	153-60000	1224.2 mm	7376.8 mm	8601 mm	
10	153-60228	89.5 mm	8604 mm	8693.5 mm	
11	153-60006	1200 mm	8696.5 mm	9896.5 mm	
12	153-60006	1200 mm	9899.5 mm	11099.5 mm	
13	153-60045	89.5 mm	11102.5 mm	11192 mm	
14	153-60045	89.5 mm	11195 mm	11284.6 mm	
15	153-60000	1224.2 mm	11287.6 mm	12511.7 mm	
16	153-60221	1224.2 mm	12514.7 mm	13738.9 mm	
17	153-60010	218 mm	13741.9 mm	13959.9 mm	
18	153-60157	89.5 mm	13962.9 mm	14052.5 mm	
19	153-60222	89.5 mm	14055.5 mm	14145 mm	
20	153-60157	89.5 mm	14148 mm	14237.5 mm	
21	153-60050	331.5 mm	14240.5 mm	14572 mm	
22	153-60008	421 mm	14575 mm	14996 mm	

PLTNest

Bar 11 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

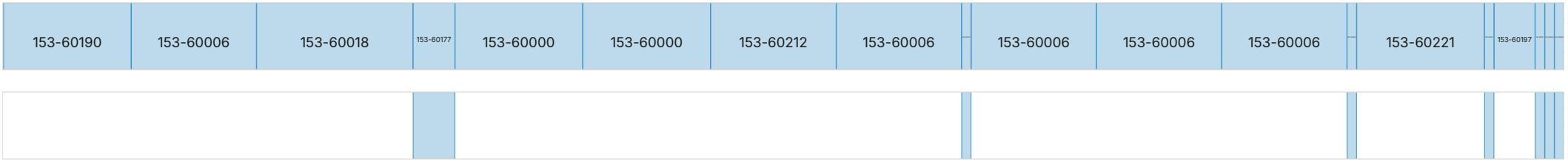


Leftover 0 mm | Cuts 18

Seq	Part mark	Length	Start	End	Mitre
1	153-60008	421 mm	13 mm	434 mm	
2	153-60047	5663 mm	437 mm	6100 mm	
3	153-60221	1224.2 mm	6103 mm	7327.2 mm	
4	153-60008	421 mm	7330.2 mm	7751.2 mm	
5	153-60000	1224.2 mm	7754.2 mm	8978.4 mm	
6	153-60006	1200 mm	8981.4 mm	10181.4 mm	
7	153-60157	89.5 mm	10184.4 mm	10273.9 mm	
8	153-60196	1350 mm	10276.9 mm	11626.9 mm	
9	153-60006	1200 mm	11629.9 mm	12829.9 mm	
10	153-60000	1224.2 mm	12832.9 mm	14057.1 mm	
11	153-60157	89.5 mm	14060.1 mm	14149.6 mm	
12	153-60045	89.5 mm	14152.6 mm	14242.1 mm	
13	153-60045	89.5 mm	14245.1 mm	14334.7 mm	
14	153-60230	289.2 mm	14337.7 mm	14626.9 mm	
15	153-60045	89.5 mm	14629.9 mm	14719.4 mm	
16	153-60157	89.5 mm	14722.4 mm	14811.9 mm	
17	153-60157	89.5 mm	14814.9 mm	14904.5 mm	
18	153-60045	89.5 mm	14907.5 mm	14997 mm	

PLTNest

Bar 12 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

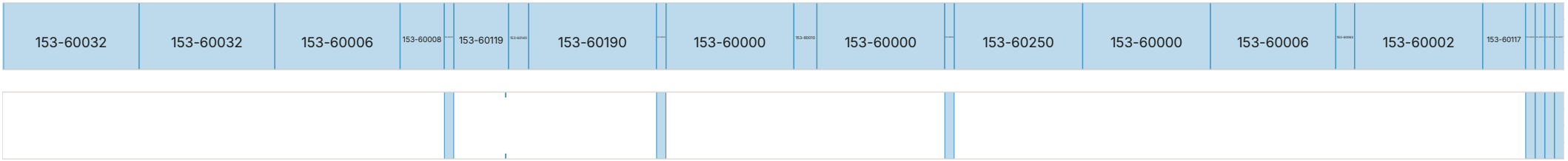


Leftover 0.6 mm | Cuts 19

Seq	Part mark	Length	Start	End	Mitre
1	153-60190	1224.2 mm	13 mm	1237.2 mm	
2	153-60006	1200 mm	1240.2 mm	2440.2 mm	
3	153-60018	1500 mm	2443.2 mm	3943.2 mm	
4	153-60177	400 mm	3946.2 mm	4346.2 mm	
5	153-60000	1224.2 mm	4349.2 mm	5573.4 mm	
6	153-60000	1224.2 mm	5576.4 mm	6800.5 mm	
7	153-60212	1204.2 mm	6803.5 mm	8007.7 mm	
8	153-60006	1200 mm	8010.7 mm	9210.7 mm	
9	153-60157	89.5 mm	9213.7 mm	9303.3 mm	
10	153-60006	1200 mm	9306.3 mm	10506.3 mm	
11	153-60006	1200 mm	10509.3 mm	11709.3 mm	
12	153-60006	1200 mm	11712.3 mm	12912.3 mm	
13	153-60045	89.5 mm	12915.3 mm	13004.8 mm	
14	153-60221	1224.2 mm	13007.8 mm	14232 mm	
15	153-60157	89.5 mm	14235 mm	14324.5 mm	
16	153-60197	391.3 mm	14327.5 mm	14718.8 mm	
17	153-60157	89.5 mm	14721.8 mm	14811.3 mm	
18	153-60222	89.5 mm	14814.3 mm	14903.8 mm	
19	153-60045	89.5 mm	14906.8 mm	14996.4 mm	

PLTNest

Bar 13 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

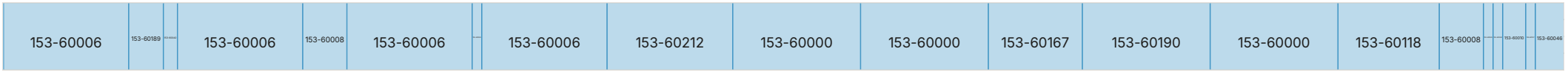


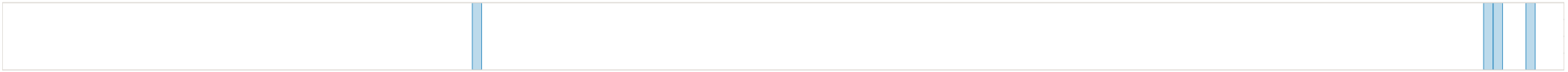
Leftover 0 mm | Cuts 23

Seq	Part mark	Length	Start	End	Mitre
1	153-60032	1300 mm	13 mm	1313 mm	
2	153-60032	1300 mm	1316 mm	2616 mm	
3	153-60006	1200 mm	2619 mm	3819 mm	
4	153-60008	421 mm	3822 mm	4243 mm	
5	153-60222	89.5 mm	4246 mm	4335.5 mm	
6	153-60119	522.2 mm	4338.5 mm	4860.8 mm	
7	153-60140	189.6 mm	4863.8 mm	5053.4 mm	
8	153-60190	1224.2 mm	5056.4 mm	6280.5 mm	
9	153-60045	89.5 mm	6283.5 mm	6373.1 mm	
10	153-60000	1224.2 mm	6376.1 mm	7600.3 mm	
11	153-60010	218 mm	7603.3 mm	7821.3 mm	
12	153-60000	1224.2 mm	7824.3 mm	9048.4 mm	
13	153-60045	89.5 mm	9051.4 mm	9141 mm	
14	153-60250	1229.6 mm	9144 mm	10373.6 mm	
15	153-60000	1224.2 mm	10376.6 mm	11600.8 mm	
16	153-60006	1200 mm	11603.8 mm	12803.8 mm	
17	153-60063	178.6 mm	12806.8 mm	12985.4 mm	
18	153-60002	1227.2 mm	12988.4 mm	14215.6 mm	
19	153-60117	408.2 mm	14218.6 mm	14626.8 mm	
20	153-60045	89.5 mm	14629.8 mm	14719.4 mm	
21	153-60045	89.5 mm	14722.4 mm	14811.9 mm	
22	153-60045	89.5 mm	14814.9 mm	14904.4 mm	
23	153-60157	89.5 mm	14907.4 mm	14997 mm	

PLTNest

Bar 14 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



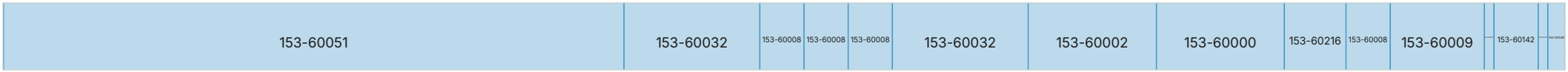


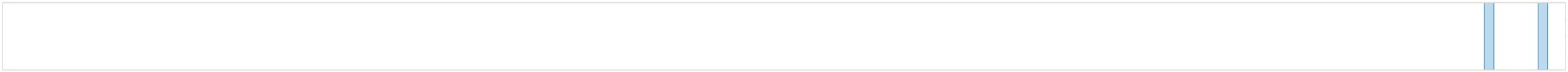
Leftover 0.1 mm | Cuts 21

Seq	Part mark	Length	Start	End	Mitre
1	153-60006	1200 mm	13 mm	1213 mm	
2	153-60189	329.7 mm	1216 mm	1545.7 mm	
3	153-60042	132.3 mm	1548.7 mm	1681 mm	
4	153-60006	1200 mm	1684 mm	2884 mm	
5	153-60008	421 mm	2887 mm	3308 mm	
6	153-60006	1200 mm	3311 mm	4511 mm	
7	153-60045	89.5 mm	4514 mm	4603.6 mm	
8	153-60006	1200 mm	4606.6 mm	5806.6 mm	
9	153-60212	1204.2 mm	5809.6 mm	7013.7 mm	
10	153-60000	1224.2 mm	7016.7 mm	8240.9 mm	
11	153-60000	1224.2 mm	8243.9 mm	9468.1 mm	
12	153-60167	900 mm	9471.1 mm	10371.1 mm	
13	153-60190	1224.2 mm	10374.1 mm	11598.3 mm	
14	153-60000	1224.2 mm	11601.3 mm	12825.5 mm	
15	153-60118	969.9 mm	12828.5 mm	13798.3 mm	
16	153-60008	421 mm	13801.3 mm	14222.3 mm	
17	153-60045	89.5 mm	14225.3 mm	14314.9 mm	
18	153-60248	89.5 mm	14317.9 mm	14407.4 mm	
19	153-60010	218 mm	14410.4 mm	14628.4 mm	
20	153-60157	89.5 mm	14631.4 mm	14720.9 mm	
21	153-60046	273 mm	14723.9 mm	14996.9 mm	

PLTNest

Bar 15 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm





Leftover 1.3 mm | Cuts 15

Seq	Part mark	Length	Start	End	Mitre
1	153-60051	5950.4 mm	13 mm	5963.4 mm	
2	153-60032	1300 mm	5966.4 mm	7266.4 mm	
3	153-60008	421 mm	7269.4 mm	7690.4 mm	
4	153-60008	421 mm	7693.4 mm	8114.4 mm	
5	153-60008	421 mm	8117.4 mm	8538.4 mm	
6	153-60032	1300 mm	8541.4 mm	9841.4 mm	
7	153-60002	1227.2 mm	9844.4 mm	11071.6 mm	
8	153-60000	1224.2 mm	11074.6 mm	12298.7 mm	
9	153-60216	589 mm	12301.7 mm	12890.7 mm	
10	153-60008	421 mm	12893.7 mm	13314.7 mm	
11	153-60009	900 mm	13317.7 mm	14217.7 mm	
12	153-60222	89.5 mm	14220.7 mm	14310.3 mm	
13	153-60142	421 mm	14313.3 mm	14734.3 mm	
14	153-60222	89.5 mm	14737.3 mm	14826.8 mm	
15	153-60048	165.9 mm	14829.8 mm	14995.7 mm	

PLTNest

Bar 16 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.3 mm | Cuts 14

Seq	Part mark	Length	Start	End	Mitre
1	153-60017	1000 mm	13 mm	1013 mm	
2	153-60006	1200 mm	1016 mm	2216 mm	
3	153-60006	1200 mm	2219 mm	3419 mm	
4	153-60000	1224.2 mm	3422 mm	4646.2 mm	
5	153-60190	1224.2 mm	4649.2 mm	5873.4 mm	
6	153-60006	1200 mm	5876.4 mm	7076.4 mm	
7	153-60006	1200 mm	7079.4 mm	8279.4 mm	
8	153-60008	421 mm	8282.4 mm	8703.4 mm	
9	153-60006	1200 mm	8706.4 mm	9906.4 mm	
10	153-60008	421 mm	9909.4 mm	10330.4 mm	
11	153-60002	1227.2 mm	10333.4 mm	11560.5 mm	
12	153-60192	1227.2 mm	11563.5 mm	12790.7 mm	
13	153-60017	1000 mm	12793.7 mm	13793.7 mm	
14	153-60166	1200 mm	13796.7 mm	14996.7 mm	

Bar 17 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.1 mm | Cuts 19

Seq	Part mark	Length	Start	End	Mitre
1	153-60006	1200 mm	13 mm	1213 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
2	153-60004	5917.1 mm	1216 mm	7133.1 mm	
3	153-60183	166.3 mm	7136.1 mm	7302.5 mm	
4	153-60065	304.9 mm	7305.5 mm	7610.4 mm	
5	153-60032	1300 mm	7613.4 mm	8913.4 mm	
6	153-60157	89.5 mm	8916.4 mm	9005.9 mm	
7	153-60106	2953.6 mm	9008.9 mm	11962.6 mm	
8	153-60157	89.5 mm	11965.6 mm	12055.1 mm	
9	153-60045	89.5 mm	12058.1 mm	12147.6 mm	
10	153-60190	1224.2 mm	12150.6 mm	13374.8 mm	
11	153-60040	418.9 mm	13377.8 mm	13796.7 mm	
12	153-60045	89.5 mm	13799.7 mm	13889.2 mm	
13	153-60045	89.5 mm	13892.2 mm	13981.7 mm	
14	153-60010	218 mm	13984.7 mm	14202.7 mm	
15	153-60222	89.5 mm	14205.7 mm	14295.3 mm	
16	153-60157	89.5 mm	14298.3 mm	14387.8 mm	
17	153-60008	421 mm	14390.8 mm	14811.8 mm	
18	153-60045	89.5 mm	14814.8 mm	14904.4 mm	
19	153-60157	89.5 mm	14907.4 mm	14996.9 mm	

Bar 18 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



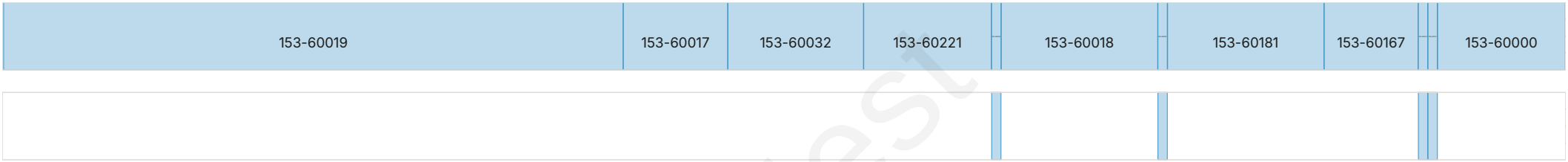
Leftover 1.7 mm | Cuts 10

Seq	Part mark	Length	Start	End	Mitre
1	153-60002	1227.2 mm	13 mm	1240.2 mm	
2	153-60250	1229.6 mm	1243.2 mm	2472.8 mm	
3	153-60113	5787.7 mm	2475.8 mm	8263.6 mm	
4	153-60006	1200 mm	8266.6 mm	9466.6 mm	
5	153-60032	1300 mm	9469.6 mm	10769.6 mm	
6	153-60168	1000 mm	10772.6 mm	11772.6 mm	

PL Nest

Seq	Part mark	Length	Start	End	Mitre
7	153-60006	1200 mm	11775.6 mm	12975.6 mm	
8	153-60000	1224.2 mm	12978.6 mm	14202.7 mm	
9	153-60178	365.6 mm	14205.7 mm	14571.3 mm	
10	153-60008	421 mm	14574.3 mm	14995.3 mm	

Bar 19 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 1.4 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-60019	5943.2 mm	13 mm	5956.2 mm	
2	153-60017	1000 mm	5959.2 mm	6959.2 mm	
3	153-60032	1300 mm	6962.2 mm	8262.2 mm	
4	153-60221	1224.2 mm	8265.2 mm	9489.3 mm	
5	153-60045	89.5 mm	9492.3 mm	9581.9 mm	
6	153-60018	1500 mm	9584.9 mm	11084.9 mm	
7	153-60045	89.5 mm	11087.9 mm	11177.4 mm	
8	153-60181	1500 mm	11180.4 mm	12680.4 mm	
9	153-60167	900 mm	12683.4 mm	13583.4 mm	
10	153-60045	89.5 mm	13586.4 mm	13675.9 mm	
11	153-60157	89.5 mm	13678.9 mm	13768.5 mm	
12	153-60000	1224.2 mm	13771.5 mm	14995.7 mm	

PLTNest

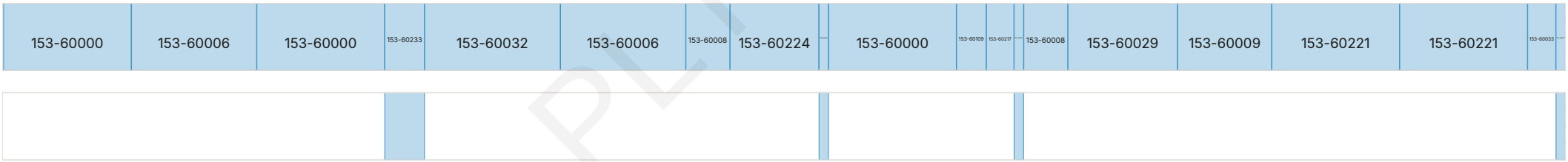
Bar 20 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 1.7 mm | Cuts 6

Seq	Part mark	Length	Start	End	Mitre
1	153-60179	4018 mm	13 mm	4031 mm	
2	153-60148	4986 mm	4034 mm	9020 mm	
3	153-60022	5186 mm	9023 mm	14209 mm	
4	153-60010	218 mm	14212 mm	14430 mm	
5	153-60082	290.5 mm	14433 mm	14723.5 mm	
6	153-60033	268.9 mm	14726.5 mm	14995.3 mm	

Bar 21 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.3 mm | Cuts 20

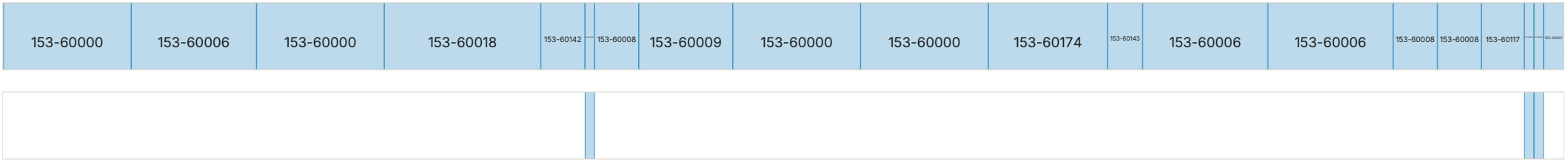
Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60006	1200 mm	1240.2 mm	2440.2 mm	
3	153-60000	1224.2 mm	2443.2 mm	3667.4 mm	
4	153-60233	380 mm	3670.4 mm	4050.4 mm	
5	153-60032	1300 mm	4053.4 mm	5353.4 mm	
6	153-60006	1200 mm	5356.4 mm	6556.4 mm	
7	153-60008	421 mm	6559.4 mm	6980.4 mm	
8	153-60224	850 mm	6983.4 mm	7833.4 mm	
9	153-60157	89.5 mm	7836.4 mm	7925.9 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
10	153-60000	1224.2 mm	7928.9 mm	9153.1 mm	
11	153-60109	283.2 mm	9156.1 mm	9439.3 mm	
12	153-60217	263.1 mm	9442.3 mm	9705.4 mm	
13	153-60157	89.5 mm	9708.4 mm	9797.9 mm	
14	153-60008	421 mm	9800.9 mm	10221.9 mm	
15	153-60029	1050 mm	10224.9 mm	11274.9 mm	
16	153-60009	900 mm	11277.9 mm	12177.9 mm	
17	153-60221	1224.2 mm	12180.9 mm	13405.1 mm	
18	153-60221	1224.2 mm	13408.1 mm	14632.3 mm	
19	153-60033	268.9 mm	14635.3 mm	14904.2 mm	
20	153-60157	89.5 mm	14907.2 mm	14996.7 mm	

PLTNest

Bar 22 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

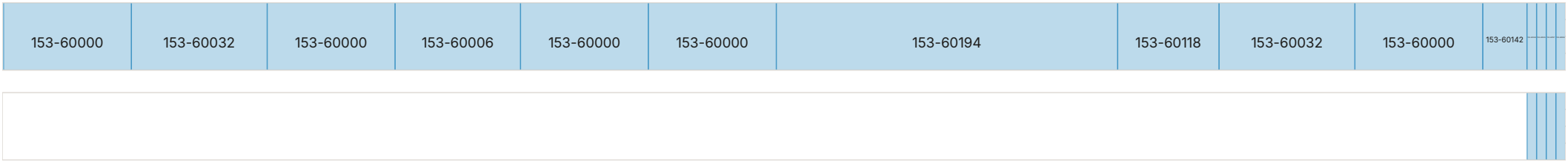


Leftover 0.9 mm | Cuts 20

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60006	1200 mm	1240.2 mm	2440.2 mm	
3	153-60000	1224.2 mm	2443.2 mm	3667.4 mm	
4	153-60018	1500 mm	3670.4 mm	5170.4 mm	
5	153-60142	421 mm	5173.4 mm	5594.4 mm	
6	153-60045	89.5 mm	5597.4 mm	5686.9 mm	
7	153-60008	421 mm	5689.9 mm	6110.9 mm	
8	153-60009	900 mm	6113.9 mm	7013.9 mm	
9	153-60000	1224.2 mm	7016.9 mm	8241.1 mm	
10	153-60000	1224.2 mm	8244.1 mm	9468.3 mm	
11	153-60174	1142.8 mm	9471.3 mm	10614.1 mm	
12	153-60143	332.7 mm	10617.1 mm	10949.8 mm	
13	153-60006	1200 mm	10952.8 mm	12152.8 mm	
14	153-60006	1200 mm	12155.8 mm	13355.8 mm	
15	153-60008	421 mm	13358.8 mm	13779.8 mm	
16	153-60008	421 mm	13782.8 mm	14203.8 mm	
17	153-60117	408.2 mm	14206.8 mm	14615.1 mm	
18	153-60045	89.5 mm	14618.1 mm	14707.6 mm	
19	153-60045	89.5 mm	14710.6 mm	14800.1 mm	
20	153-60007	193 mm	14803.1 mm	14996.1 mm	

PLTNest

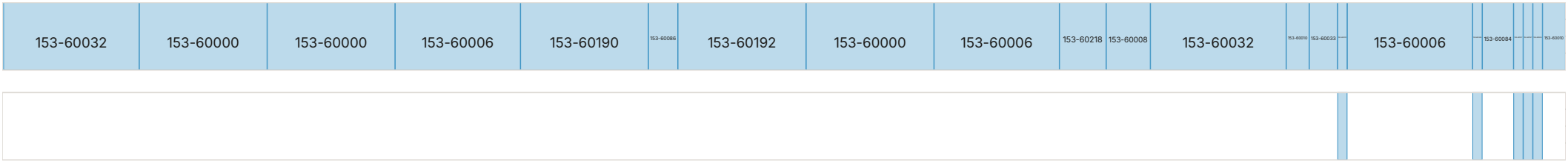
Bar 23 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.1 mm | Cuts 15

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60032	1300 mm	1240.2 mm	2540.2 mm	
3	153-60000	1224.2 mm	2543.2 mm	3767.4 mm	
4	153-60006	1200 mm	3770.4 mm	4970.4 mm	
5	153-60000	1224.2 mm	4973.4 mm	6197.5 mm	
6	153-60000	1224.2 mm	6200.5 mm	7424.7 mm	
7	153-60194	3272 mm	7427.7 mm	10699.7 mm	
8	153-60118	969.9 mm	10702.7 mm	11672.6 mm	
9	153-60032	1300 mm	11675.6 mm	12975.6 mm	
10	153-60000	1224.2 mm	12978.6 mm	14202.8 mm	
11	153-60142	421 mm	14205.8 mm	14626.8 mm	
12	153-60248	89.5 mm	14629.8 mm	14719.3 mm	
13	153-60045	89.5 mm	14722.3 mm	14811.8 mm	
14	153-60157	89.5 mm	14814.8 mm	14904.4 mm	
15	153-60045	89.5 mm	14907.4 mm	14996.9 mm	

Bar 24 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



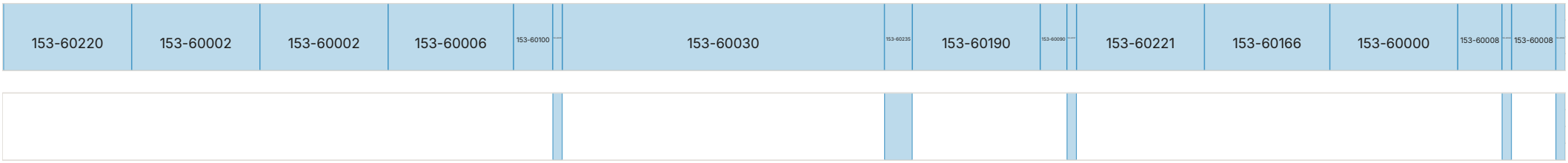
Leftover 0.6 mm | Cuts 22

PLTNest

Seq	Part mark	Length	Start	End	Mitre
1	153-60032	1300 mm	13 mm	1313 mm	
2	153-60000	1224.2 mm	1316 mm	2540.2 mm	
3	153-60000	1224.2 mm	2543.2 mm	3767.4 mm	
4	153-60006	1200 mm	3770.4 mm	4970.4 mm	
5	153-60190	1224.2 mm	4973.4 mm	6197.5 mm	
6	153-60086	279.9 mm	6200.5 mm	6480.5 mm	
7	153-60192	1227.2 mm	6483.5 mm	7710.7 mm	
8	153-60000	1224.2 mm	7713.7 mm	8937.8 mm	
9	153-60006	1200 mm	8940.8 mm	10140.8 mm	
10	153-60218	445.9 mm	10143.8 mm	10589.7 mm	
11	153-60008	421 mm	10592.7 mm	11013.7 mm	
12	153-60032	1300 mm	11016.7 mm	12316.7 mm	
13	153-60010	218 mm	12319.7 mm	12537.7 mm	
14	153-60033	268.9 mm	12540.7 mm	12809.6 mm	
15	153-60222	89.5 mm	12812.6 mm	12902.1 mm	
16	153-60006	1200 mm	12905.1 mm	14105.1 mm	
17	153-60045	89.5 mm	14108.1 mm	14197.7 mm	
18	153-60084	297.1 mm	14200.7 mm	14497.8 mm	
19	153-60157	89.5 mm	14500.8 mm	14590.3 mm	
20	153-60157	89.5 mm	14593.3 mm	14682.9 mm	
21	153-60045	89.5 mm	14685.9 mm	14775.4 mm	
22	153-60010	218 mm	14778.4 mm	14996.4 mm	

PLTNest

Bar 25 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

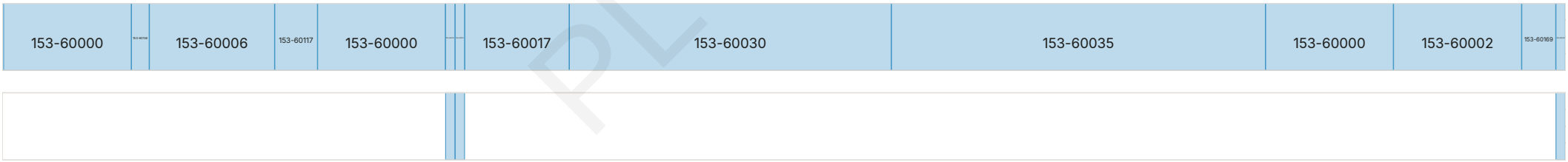


Leftover 1.5 mm | Cuts 18

Seq	Part mark	Length	Start	End	Mitre
1	153-60220	1227.2 mm	13 mm	1240.2 mm	
2	153-60002	1227.2 mm	1243.2 mm	2470.4 mm	

Seq	Part mark	Length	Start	End	Mitre
3	153-60002	1227.2 mm	2473.4 mm	3700.5 mm	
4	153-60006	1200 mm	3703.5 mm	4903.5 mm	
5	153-60100	373.1 mm	4906.5 mm	5279.7 mm	
6	153-60222	89.5 mm	5282.7 mm	5372.2 mm	
7	153-60030	3086.9 mm	5375.2 mm	8462.1 mm	
8	153-60235	264.9 mm	8465.1 mm	8729.9 mm	
9	153-60190	1224.2 mm	8732.9 mm	9957.1 mm	
10	153-60090	252.4 mm	9960.1 mm	10212.6 mm	
11	153-60157	89.5 mm	10215.6 mm	10305.1 mm	
12	153-60221	1224.2 mm	10308.1 mm	11532.3 mm	
13	153-60166	1200 mm	11535.3 mm	12735.3 mm	
14	153-60000	1224.2 mm	12738.3 mm	13962.5 mm	
15	153-60008	421 mm	13965.5 mm	14386.5 mm	
16	153-60248	89.5 mm	14389.5 mm	14479 mm	
17	153-60008	421 mm	14482 mm	14903 mm	
18	153-60045	89.5 mm	14906 mm	14995.5 mm	

Bar 26 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 1 mm | Cuts 14

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60158	168.9 mm	1240.2 mm	1409.1 mm	
3	153-60006	1200 mm	1412.1 mm	2612.1 mm	
4	153-60117	408.2 mm	2615.1 mm	3023.3 mm	
5	153-60000	1224.2 mm	3026.3 mm	4250.5 mm	
6	153-60222	89.5 mm	4253.5 mm	4343 mm	
7	153-60157	89.5 mm	4346 mm	4435.5 mm	
8	153-60017	1000 mm	4438.5 mm	5438.5 mm	

PL Nest

Seq	Part mark	Length	Start	End	Mitre
9	153-60030	3086.9 mm	5441.5 mm	8528.4 mm	
10	153-60035	3586.9 mm	8531.4 mm	12118.3 mm	
11	153-60000	1224.2 mm	12121.3 mm	13345.5 mm	
12	153-60002	1227.2 mm	13348.5 mm	14575.6 mm	
13	153-60169	324.9 mm	14578.6 mm	14903.5 mm	
14	153-60045	89.5 mm	14906.5 mm	14996 mm	

Bar 27 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



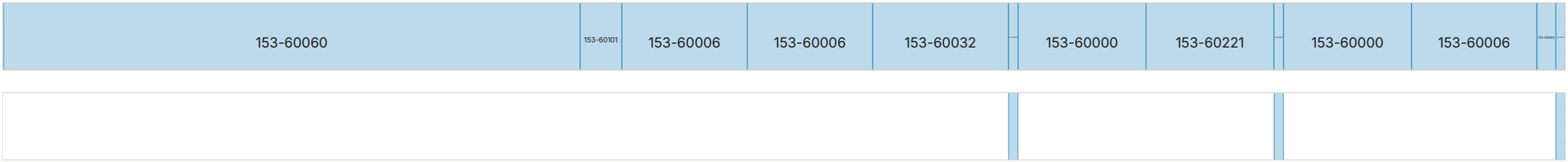


Leftover 1.7 mm | Cuts 13

Seq	Part mark	Length	Start	End	Mitre
1	153-60138	289.5 mm	13 mm	302.5 mm	
2	153-60000	1224.2 mm	305.5 mm	1529.7 mm	
3	153-60000	1224.2 mm	1532.7 mm	2756.9 mm	
4	153-60157	89.5 mm	2759.9 mm	2849.4 mm	
5	153-60173	421 mm	2852.4 mm	3273.4 mm	
6	153-60006	1200 mm	3276.4 mm	4476.4 mm	
7	153-60000	1224.2 mm	4479.4 mm	5703.6 mm	
8	153-60103	5942.1 mm	5706.6 mm	11648.7 mm	
9	153-60006	1200 mm	11651.7 mm	12851.7 mm	
10	153-60173	421 mm	12854.7 mm	13275.7 mm	
11	153-60045	89.5 mm	13278.7 mm	13368.3 mm	
12	153-60006	1200 mm	13371.3 mm	14571.3 mm	
13	153-60173	421 mm	14574.3 mm	14995.3 mm	

PLTNest

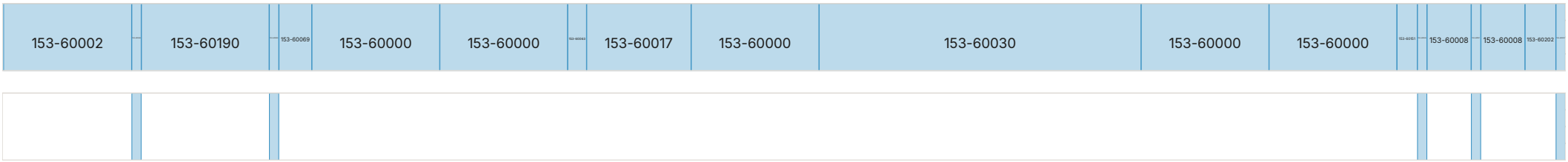
Bar 28 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 1 mm | Cuts 13

Seq	Part mark	Length	Start	End	Mitre
1	153-60060	5530 mm	13 mm	5543 mm	
2	153-60101	397.3 mm	5546 mm	5943.3 mm	
3	153-60006	1200 mm	5946.3 mm	7146.3 mm	
4	153-60006	1200 mm	7149.3 mm	8349.3 mm	
5	153-60032	1300 mm	8352.3 mm	9652.3 mm	
6	153-60045	89.5 mm	9655.3 mm	9744.8 mm	
7	153-60000	1224.2 mm	9747.8 mm	10972 mm	
8	153-60221	1224.2 mm	10975 mm	12199.2 mm	
9	153-60045	89.5 mm	12202.2 mm	12291.7 mm	
10	153-60000	1224.2 mm	12294.7 mm	13518.9 mm	
11	153-60006	1200 mm	13521.9 mm	14721.9 mm	
12	153-60063	178.6 mm	14724.9 mm	14903.5 mm	
13	153-60157	89.5 mm	14906.5 mm	14996 mm	

Bar 29 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



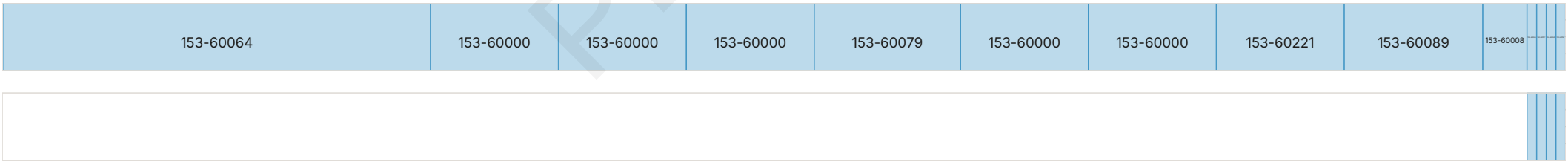
Leftover 0.3 mm | Cuts 20

Seq	Part mark	Length	Start	End	Mitre
1	153-60002	1227.2 mm	13 mm	1240.2 mm	
2	153-60248	89.5 mm	1243.2 mm	1332.7 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
3	153-60190	1224.2 mm	1335.7 mm	2559.9 mm	
4	153-60045	89.5 mm	2562.9 mm	2652.4 mm	
5	153-60069	313.4 mm	2655.4 mm	2968.8 mm	
6	153-60000	1224.2 mm	2971.8 mm	4196 mm	
7	153-60000	1224.2 mm	4199 mm	5423.2 mm	
8	153-60063	178.6 mm	5426.2 mm	5604.8 mm	
9	153-60017	1000 mm	5607.8 mm	6607.8 mm	
10	153-60000	1224.2 mm	6610.8 mm	7834.9 mm	
11	153-60030	3086.9 mm	7837.9 mm	10924.8 mm	
12	153-60000	1224.2 mm	10927.8 mm	12152 mm	
13	153-60000	1224.2 mm	12155 mm	13379.2 mm	
14	153-60151	192.8 mm	13382.2 mm	13575 mm	
15	153-60045	89.5 mm	13578 mm	13667.5 mm	
16	153-60008	421 mm	13670.5 mm	14091.5 mm	
17	153-60157	89.5 mm	14094.5 mm	14184 mm	
18	153-60008	421 mm	14187 mm	14608 mm	
19	153-60202	293.1 mm	14611 mm	14904.2 mm	
20	153-60222	89.5 mm	14907.2 mm	14996.7 mm	

Bar 30 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



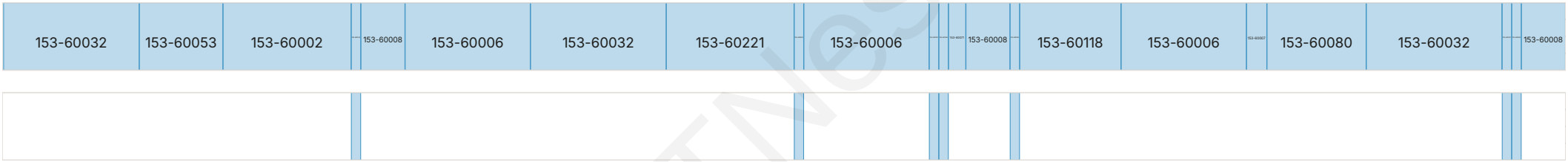
Leftover 0.3 mm | Cuts 14

Seq	Part mark	Length	Start	End	Mitre
1	153-60064	4094.2 mm	13 mm	4107.2 mm	
2	153-60000	1224.2 mm	4110.2 mm	5334.4 mm	
3	153-60000	1224.2 mm	5337.4 mm	6561.6 mm	
4	153-60000	1224.2 mm	6564.6 mm	7788.8 mm	
5	153-60079	1400 mm	7791.8 mm	9191.8 mm	
6	153-60000	1224.2 mm	9194.8 mm	10419 mm	

PL Nest

Seq	Part mark	Length	Start	End	Mitre
7	153-60000	1224.2 mm	10422 mm	11646.1 mm	
8	153-60221	1224.2 mm	11649.1 mm	12873.3 mm	
9	153-60089	1326.3 mm	12876.3 mm	14202.6 mm	
10	153-60008	421 mm	14205.6 mm	14626.6 mm	
11	153-60045	89.5 mm	14629.6 mm	14719.1 mm	
12	153-60157	89.5 mm	14722.1 mm	14811.7 mm	
13	153-60045	89.5 mm	14814.7 mm	14904.2 mm	
14	153-60157	89.5 mm	14907.2 mm	14996.7 mm	

Bar 31 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



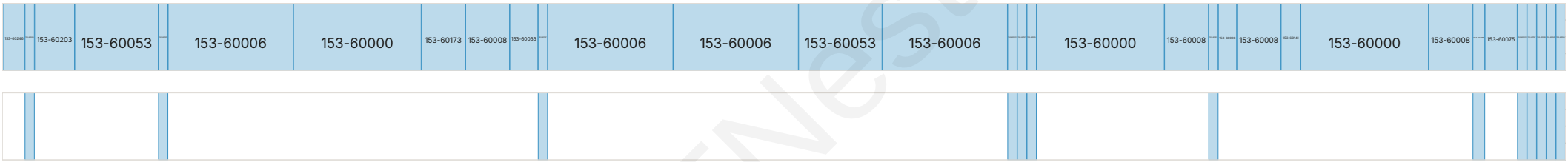
Leftover 0.4 mm | Cuts 23

Seq	Part mark	Length	Start	End	Mitre
1	153-60032	1300 mm	13 mm	1313 mm	
2	153-60053	800 mm	1316 mm	2116 mm	
3	153-60002	1227.2 mm	2119 mm	3346.2 mm	
4	153-60045	89.5 mm	3349.2 mm	3438.7 mm	
5	153-60008	421 mm	3441.7 mm	3862.7 mm	
6	153-60006	1200 mm	3865.7 mm	5065.7 mm	
7	153-60032	1300 mm	5068.7 mm	6368.7 mm	
8	153-60221	1224.2 mm	6371.7 mm	7595.9 mm	
9	153-60045	89.5 mm	7598.9 mm	7688.4 mm	
10	153-60006	1200 mm	7691.4 mm	8891.4 mm	
11	153-60222	89.5 mm	8894.4 mm	8984 mm	
12	153-60045	89.5 mm	8987 mm	9076.5 mm	
13	153-60071	163.6 mm	9079.5 mm	9243.1 mm	
14	153-60008	421 mm	9246.1 mm	9667.1 mm	
15	153-60045	89.5 mm	9670.1 mm	9759.6 mm	
16	153-60118	969.9 mm	9762.6 mm	10732.5 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
17	153-60006	1200 mm	10735.5 mm	11935.5 mm	
18	153-60007	193 mm	11938.5 mm	12131.5 mm	
19	153-60080	950 mm	12134.5 mm	13084.5 mm	
20	153-60032	1300 mm	13087.5 mm	14387.5 mm	
21	153-60247	89.5 mm	14390.5 mm	14480.1 mm	
22	153-60045	89.5 mm	14483.1 mm	14572.6 mm	
23	153-60008	421 mm	14575.6 mm	14996.6 mm	

Bar 32 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



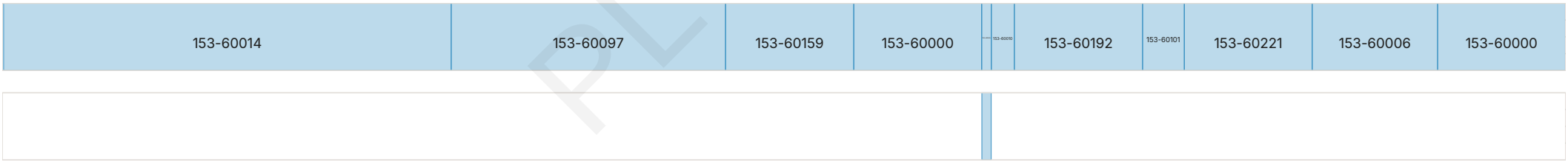
Leftover 0.2 mm | Cuts 33

Seq	Part mark	Length	Start	End	Mitre
1	153-60246	202.5 mm	13 mm	215.5 mm	
2	153-60045	89.5 mm	218.5 mm	308 mm	
3	153-60203	382.3 mm	311 mm	693.3 mm	
4	153-60053	800 mm	696.3 mm	1496.3 mm	
5	153-60157	89.5 mm	1499.3 mm	1588.8 mm	
6	153-60006	1200 mm	1591.8 mm	2791.8 mm	
7	153-60000	1224.2 mm	2794.8 mm	4019 mm	
8	153-60173	421 mm	4022 mm	4443 mm	
9	153-60008	421 mm	4446 mm	4867 mm	
10	153-60033	268.9 mm	4870 mm	5138.9 mm	
11	153-60157	89.5 mm	5141.9 mm	5231.4 mm	
12	153-60006	1200 mm	5234.4 mm	6434.4 mm	
13	153-60006	1200 mm	6437.4 mm	7637.4 mm	
14	153-60053	800 mm	7640.4 mm	8440.4 mm	
15	153-60006	1200 mm	8443.4 mm	9643.4 mm	
16	153-60222	89.5 mm	9646.4 mm	9736 mm	
17	153-60157	89.5 mm	9739 mm	9828.5 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
18	153-60045	89.5 mm	9831.5 mm	9921 mm	
19	153-60000	1224.2 mm	9924 mm	11148.2 mm	
20	153-60008	421 mm	11151.2 mm	11572.2 mm	
21	153-60157	89.5 mm	11575.2 mm	11664.7 mm	
22	153-60098	174.9 mm	11667.7 mm	11842.7 mm	
23	153-60008	421 mm	11845.7 mm	12266.7 mm	
24	153-60141	186 mm	12269.7 mm	12455.7 mm	
25	153-60000	1224.2 mm	12458.7 mm	13682.8 mm	
26	153-60008	421 mm	13685.8 mm	14106.8 mm	
27	153-60088	113.1 mm	14109.8 mm	14223 mm	
28	153-60075	308.2 mm	14226 mm	14534.2 mm	
29	153-60222	89.5 mm	14537.2 mm	14626.7 mm	
30	153-60157	89.5 mm	14629.7 mm	14719.2 mm	
31	153-60248	89.5 mm	14722.2 mm	14811.8 mm	
32	153-60045	89.5 mm	14814.8 mm	14904.3 mm	
33	153-60045	89.5 mm	14907.3 mm	14996.8 mm	

Bar 33 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.3 mm | Cuts 11

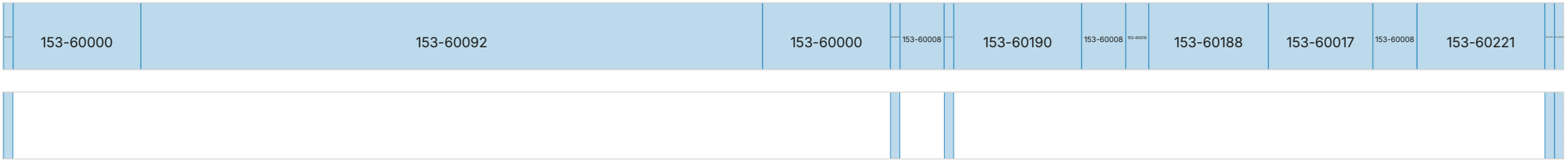
Seq	Part mark	Length	Start	End	Mitre
1	153-60014	4292.9 mm	13 mm	4305.9 mm	
2	153-60097	2629.1 mm	4308.9 mm	6938 mm	
3	153-60159	1227.2 mm	6941 mm	8168.2 mm	
4	153-60000	1224.2 mm	8171.2 mm	9395.3 mm	
5	153-60045	89.5 mm	9398.3 mm	9487.9 mm	
6	153-60010	218 mm	9490.9 mm	9708.9 mm	
7	153-60192	1227.2 mm	9711.9 mm	10939.1 mm	
8	153-60101	397.3 mm	10942.1 mm	11339.3 mm	

PL Nest

Seq	Part mark	Length	Start	End	Mitre
9	153-60221	1224.2 mm	11342.3 mm	12566.5 mm	
10	153-60006	1200 mm	12569.5 mm	13769.5 mm	
11	153-60000	1224.2 mm	13772.5 mm	14996.7 mm	

PLTNest

Bar 34 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

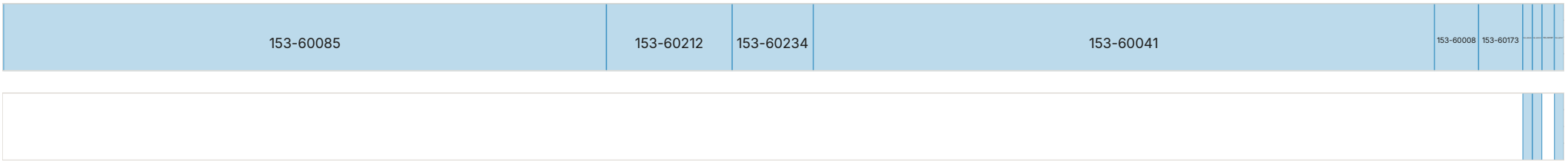


Leftover 0.2 mm | Cuts 16

Seq	Part mark	Length	Start	End	Mitre
1	153-60157	89.5 mm	13 mm	102.5 mm	
2	153-60000	1224.2 mm	105.5 mm	1329.7 mm	
3	153-60092	5967.1 mm	1332.7 mm	7299.8 mm	
4	153-60000	1224.2 mm	7302.8 mm	8527 mm	
5	153-60228	89.5 mm	8530 mm	8619.6 mm	
6	153-60008	421 mm	8622.6 mm	9043.6 mm	
7	153-60222	89.5 mm	9046.6 mm	9136.1 mm	
8	153-60190	1224.2 mm	9139.1 mm	10363.3 mm	
9	153-60008	421 mm	10366.3 mm	10787.3 mm	
10	153-60010	218 mm	10790.3 mm	11008.3 mm	
11	153-60188	1146.3 mm	11011.3 mm	12157.5 mm	
12	153-60017	1000 mm	12160.5 mm	13160.5 mm	
13	153-60008	421 mm	13163.5 mm	13584.5 mm	
14	153-60221	1224.2 mm	13587.5 mm	14811.7 mm	
15	153-60157	89.5 mm	14814.7 mm	14904.3 mm	
16	153-60248	89.5 mm	14907.3 mm	14996.8 mm	

PLTNest

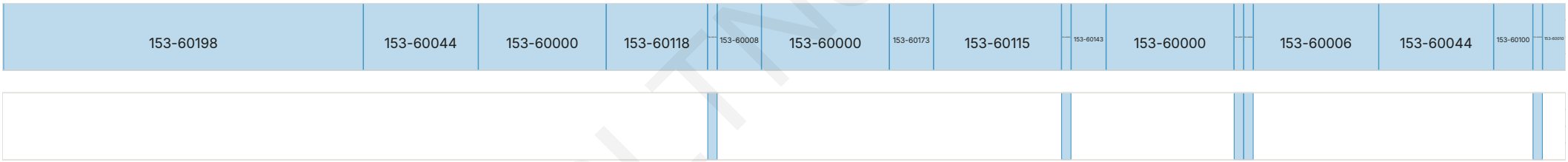
Bar 35 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 1.4 mm | Cuts 10

Seq	Part mark	Length	Start	End	Mitre
1	153-60085	5787.7 mm	13 mm	5800.7 mm	
2	153-60212	1204.2 mm	5803.7 mm	7007.9 mm	
3	153-60234	775.9 mm	7010.9 mm	7786.8 mm	
4	153-60041	5961.9 mm	7789.8 mm	13751.7 mm	
5	153-60008	421 mm	13754.7 mm	14175.7 mm	
6	153-60173	421 mm	14178.7 mm	14599.7 mm	
7	153-60045	89.5 mm	14602.7 mm	14692.2 mm	
8	153-60222	89.5 mm	14695.2 mm	14784.7 mm	
9	153-60187	115.3 mm	14787.7 mm	14903 mm	
10	153-60157	89.5 mm	14906 mm	14995.6 mm	

Bar 36 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



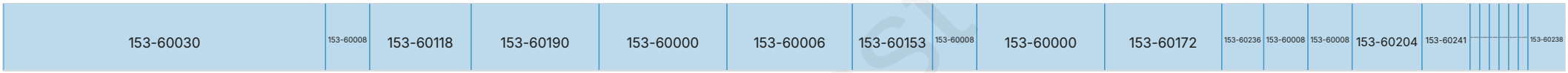
Leftover 0.2 mm | Cuts 19

Seq	Part mark	Length	Start	End	Mitre
1	153-60198	3449.7 mm	13 mm	3462.7 mm	
2	153-60044	1100 mm	3465.7 mm	4565.7 mm	
3	153-60000	1224.2 mm	4568.7 mm	5792.9 mm	
4	153-60118	969.9 mm	5795.9 mm	6765.8 mm	
5	153-60045	89.5 mm	6768.8 mm	6858.3 mm	
6	153-60008	421 mm	6861.3 mm	7282.3 mm	
7	153-60000	1224.2 mm	7285.3 mm	8509.5 mm	
8	153-60173	421 mm	8512.5 mm	8933.5 mm	
9	153-60115	1224.1 mm	8936.5 mm	10160.6 mm	
10	153-60045	89.5 mm	10163.6 mm	10253.1 mm	
11	153-60143	332.7 mm	10256.1 mm	10588.9 mm	
12	153-60000	1224.2 mm	10591.9 mm	11816.1 mm	
13	153-60157	89.5 mm	11819.1 mm	11908.6 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
14	153-60045	89.5 mm	11911.6 mm	12001.1 mm	
15	153-60006	1200 mm	12004.1 mm	13204.1 mm	
16	153-60044	1100 mm	13207.1 mm	14307.1 mm	
17	153-60100	373.1 mm	14310.1 mm	14683.3 mm	
18	153-60228	89.5 mm	14686.3 mm	14775.8 mm	
19	153-60010	218 mm	14778.8 mm	14996.8 mm	

Bar 37 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm





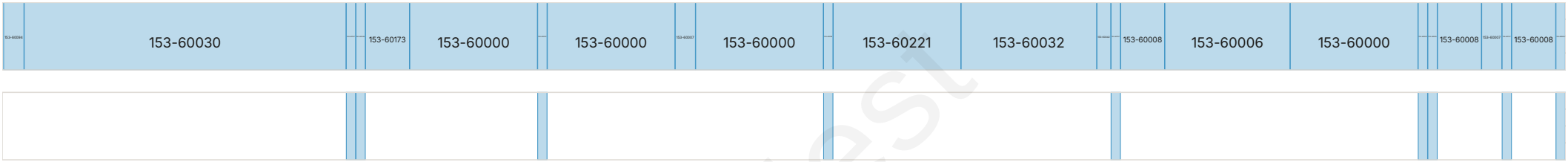
Leftover 0.1 mm | Cuts 22

Seq	Part mark	Length	Start	End	Mitre
1	153-60030	3086.9 mm	13 mm	3099.9 mm	
2	153-60008	421 mm	3102.9 mm	3523.9 mm	
3	153-60118	969.9 mm	3526.9 mm	4496.7 mm	
4	153-60190	1224.2 mm	4499.7 mm	5723.9 mm	
5	153-60000	1224.2 mm	5726.9 mm	6951.1 mm	
6	153-60006	1200 mm	6954.1 mm	8154.1 mm	
7	153-60153	767 mm	8157.1 mm	8924.1 mm	
8	153-60008	421 mm	8927.1 mm	9348.1 mm	
9	153-60000	1224.2 mm	9351.1 mm	10575.2 mm	
10	153-60172	1120 mm	10578.2 mm	11698.2 mm	
11	153-60236	399.9 mm	11701.2 mm	12101.1 mm	
12	153-60008	421 mm	12104.1 mm	12525.1 mm	
13	153-60008	421 mm	12528.1 mm	12949.1 mm	
14	153-60204	667.3 mm	12952.1 mm	13619.4 mm	
15	153-60241	458.2 mm	13622.4 mm	14080.6 mm	
16	153-60222	89.5 mm	14083.6 mm	14173.1 mm	
17	153-60045	89.5 mm	14176.1 mm	14265.6 mm	
18	153-60045	89.5 mm	14268.6 mm	14358.2 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
19	153-60248	89.5 mm	14361.2 mm	14450.7 mm	
20	153-60157	89.5 mm	14453.7 mm	14543.2 mm	
21	153-60222	89.5 mm	14546.2 mm	14635.8 mm	
22	153-60238	358.2 mm	14638.8 mm	14996.9 mm	

Bar 38 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



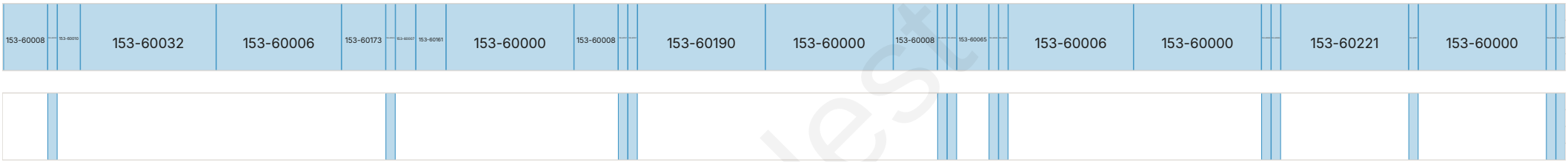
Leftover 1.1 mm | Cuts 25

Seq	Part mark	Length	Start	End	Mitre
1	153-60094	195 mm	13 mm	208 mm	
2	153-60030	3086.9 mm	211 mm	3297.9 mm	
3	153-60157	89.5 mm	3300.9 mm	3390.4 mm	
4	153-60248	89.5 mm	3393.4 mm	3482.9 mm	
5	153-60173	421 mm	3485.9 mm	3906.9 mm	
6	153-60000	1224.2 mm	3909.9 mm	5134.1 mm	
7	153-60222	89.5 mm	5137.1 mm	5226.7 mm	
8	153-60000	1224.2 mm	5229.7 mm	6453.8 mm	
9	153-60007	193 mm	6456.8 mm	6649.8 mm	
10	153-60000	1224.2 mm	6652.8 mm	7877 mm	
11	153-60228	89.5 mm	7880 mm	7969.6 mm	
12	153-60221	1224.2 mm	7972.6 mm	9196.7 mm	
13	153-60032	1300 mm	9199.7 mm	10499.7 mm	
14	153-60042	132.3 mm	10502.7 mm	10635.1 mm	
15	153-60157	89.5 mm	10638.1 mm	10727.6 mm	
16	153-60008	421 mm	10730.6 mm	11151.6 mm	
17	153-60006	1200 mm	11154.6 mm	12354.6 mm	
18	153-60000	1224.2 mm	12357.6 mm	13581.8 mm	
19	153-60045	89.5 mm	13584.8 mm	13674.3 mm	
20	153-60045	89.5 mm	13677.3 mm	13766.8 mm	

PLTest

Seq	Part mark	Length	Start	End	Mitre
21	153-60008	421 mm	13769.8 mm	14190.8 mm	
22	153-60007	193 mm	14193.8 mm	14386.8 mm	
23	153-60157	89.5 mm	14389.8 mm	14479.4 mm	
24	153-60008	421 mm	14482.4 mm	14903.4 mm	
25	153-60045	89.5 mm	14906.4 mm	14995.9 mm	

Bar 39 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.6 mm | Cuts 30

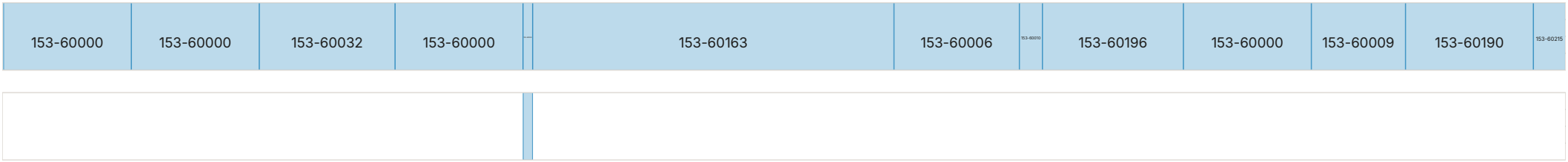
Seq	Part mark	Length	Start	End	Mitre
1	153-60008	421 mm	13 mm	434 mm	
2	153-60222	89.5 mm	437 mm	526.5 mm	
3	153-60010	218 mm	529.5 mm	747.5 mm	
4	153-60032	1300 mm	750.5 mm	2050.5 mm	
5	153-60006	1200 mm	2053.5 mm	3253.5 mm	
6	153-60173	421 mm	3256.5 mm	3677.5 mm	
7	153-60045	89.5 mm	3680.5 mm	3770.1 mm	
8	153-60007	193 mm	3773.1 mm	3966.1 mm	
9	153-60161	287.4 mm	3969.1 mm	4256.5 mm	
10	153-60000	1224.2 mm	4259.5 mm	5483.6 mm	
11	153-60008	421 mm	5486.6 mm	5907.6 mm	
12	153-60157	89.5 mm	5910.6 mm	6000.2 mm	
13	153-60157	89.5 mm	6003.2 mm	6092.7 mm	
14	153-60190	1224.2 mm	6095.7 mm	7319.9 mm	
15	153-60000	1224.2 mm	7322.9 mm	8547.1 mm	
16	153-60008	421 mm	8550.1 mm	8971.1 mm	
17	153-60222	89.5 mm	8974.1 mm	9063.6 mm	
18	153-60045	89.5 mm	9066.6 mm	9156.1 mm	
19	153-60065	304.9 mm	9159.1 mm	9464.1 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
20	153-60045	89.5 mm	9467.1 mm	9556.6 mm	
21	153-60045	89.5 mm	9559.6 mm	9649.2 mm	
22	153-60006	1200 mm	9652.2 mm	10852.2 mm	
23	153-60000	1224.2 mm	10855.2 mm	12079.3 mm	
24	153-60045	89.5 mm	12082.3 mm	12171.9 mm	
25	153-60045	89.5 mm	12174.9 mm	12264.4 mm	
26	153-60221	1224.2 mm	12267.4 mm	13491.6 mm	
27	153-60157	89.5 mm	13494.6 mm	13584.1 mm	
28	153-60000	1224.2 mm	13587.1 mm	14811.3 mm	
29	153-60248	89.5 mm	14814.3 mm	14903.8 mm	
30	153-60157	89.5 mm	14906.8 mm	14996.4 mm	

PLTNest

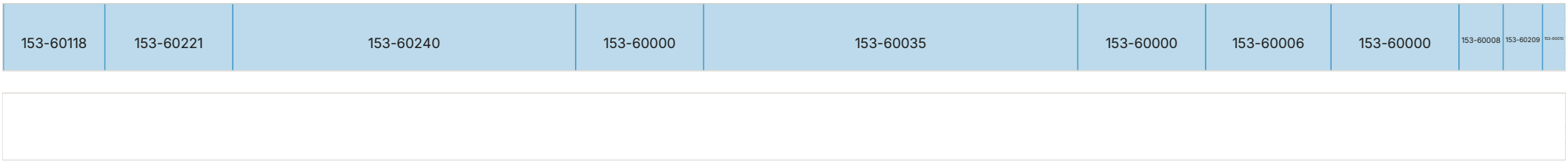
Bar 40 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.1 mm | Cuts 13

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60000	1224.2 mm	1240.2 mm	2464.4 mm	
3	153-60032	1300 mm	2467.4 mm	3767.4 mm	
4	153-60000	1224.2 mm	3770.4 mm	4994.5 mm	
5	153-60045	89.5 mm	4997.5 mm	5087.1 mm	
6	153-60163	3463.7 mm	5090.1 mm	8553.8 mm	
7	153-60006	1200 mm	8556.8 mm	9756.8 mm	
8	153-60010	218 mm	9759.8 mm	9977.8 mm	
9	153-60196	1350 mm	9980.8 mm	11330.8 mm	
10	153-60000	1224.2 mm	11333.8 mm	12558 mm	
11	153-60009	900 mm	12561 mm	13461 mm	
12	153-60190	1224.2 mm	13464 mm	14688.2 mm	
13	153-60215	305.7 mm	14691.2 mm	14996.9 mm	

Bar 41 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.6 mm | Cuts 11

Seq	Part mark	Length	Start	End	Mitre
1	153-60118	969.9 mm	13 mm	982.9 mm	
2	153-60221	1224.2 mm	985.9 mm	2210.1 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
3	153-60240	3286.9 mm	2213.1 mm	5499.9 mm	
4	153-60000	1224.2 mm	5502.9 mm	6727.1 mm	
5	153-60035	3586.9 mm	6730.1 mm	10317 mm	
6	153-60000	1224.2 mm	10320 mm	11544.2 mm	
7	153-60006	1200 mm	11547.2 mm	12747.2 mm	
8	153-60000	1224.2 mm	12750.2 mm	13974.3 mm	
9	153-60008	421 mm	13977.3 mm	14398.3 mm	
10	153-60209	374.1 mm	14401.3 mm	14775.4 mm	
11	153-60010	218 mm	14778.4 mm	14996.4 mm	

Bar 42 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0 mm | Cuts 22

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60000	1224.2 mm	1240.2 mm	2464.4 mm	
3	153-60018	1500 mm	2467.4 mm	3967.4 mm	
4	153-60000	1224.2 mm	3970.4 mm	5194.5 mm	
5	153-60000	1224.2 mm	5197.5 mm	6421.7 mm	
6	153-60000	1224.2 mm	6424.7 mm	7648.9 mm	
7	153-60241	458.2 mm	7651.9 mm	8110.1 mm	
8	153-60000	1224.2 mm	8113.1 mm	9337.3 mm	
9	153-60000	1224.2 mm	9340.3 mm	10564.4 mm	
10	153-60006	1200 mm	10567.4 mm	11767.4 mm	
11	153-60161	287.4 mm	11770.4 mm	12057.8 mm	
12	153-60157	89.5 mm	12060.8 mm	12150.4 mm	
13	153-60045	89.5 mm	12153.4 mm	12242.9 mm	
14	153-60018	1500 mm	12245.9 mm	13745.9 mm	
15	153-60142	421 mm	13748.9 mm	14169.9 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
16	153-60222	89.5 mm	14172.9 mm	14262.4 mm	
17	153-60222	89.5 mm	14265.4 mm	14355 mm	
18	153-60033	268.9 mm	14358 mm	14626.8 mm	
19	153-60157	89.5 mm	14629.8 mm	14719.4 mm	
20	153-60045	89.5 mm	14722.4 mm	14811.9 mm	
21	153-60045	89.5 mm	14814.9 mm	14904.4 mm	
22	153-60045	89.5 mm	14907.4 mm	14997 mm	

Bar 43 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

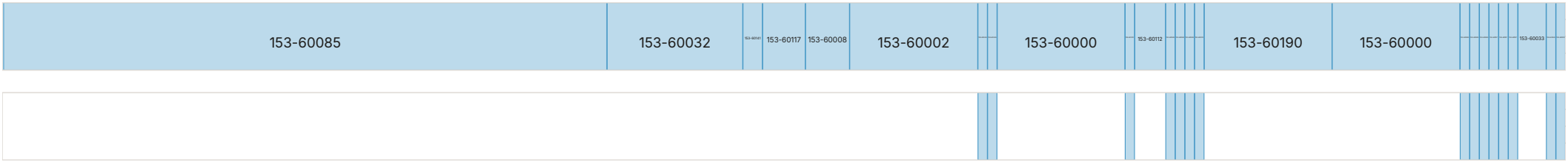
153-60006	153-60006	153-60000	153-60006	153-60006	153-60008	153-60030	153-60009	153-60008	153-60008	153-60000	153-60000	153-60000

Leftover 1.4 mm | Cuts 13

Seq	Part mark	Length	Start	End	Mitre
1	153-60006	1200 mm	13 mm	1213 mm	
2	153-60006	1200 mm	1216 mm	2416 mm	
3	153-60000	1224.2 mm	2419 mm	3643.2 mm	
4	153-60006	1200 mm	3646.2 mm	4846.2 mm	
5	153-60006	1200 mm	4849.2 mm	6049.2 mm	
6	153-60008	421 mm	6052.2 mm	6473.2 mm	
7	153-60030	3086.9 mm	6476.2 mm	9563.1 mm	
8	153-60009	900 mm	9566.1 mm	10466.1 mm	
9	153-60008	421 mm	10469.1 mm	10890.1 mm	
10	153-60008	421 mm	10893.1 mm	11314.1 mm	
11	153-60000	1224.2 mm	11317.1 mm	12541.2 mm	
12	153-60000	1224.2 mm	12544.2 mm	13768.4 mm	
13	153-60000	1224.2 mm	13771.4 mm	14995.6 mm	

PLTNest

Bar 44 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

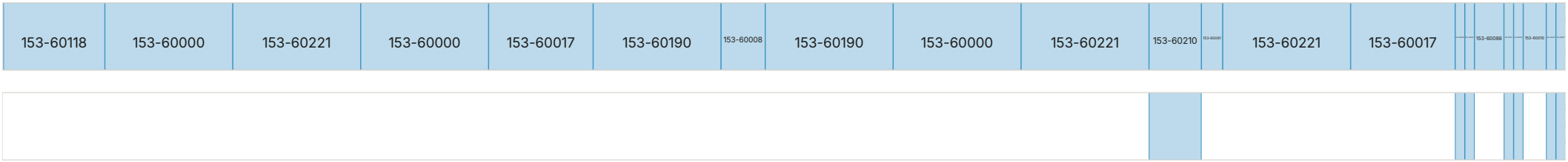


Leftover 0.5 mm | Cuts 26

Seq	Part mark	Length	Start	End	Mitre
1	153-60085	5787.7 mm	13 mm	5800.7 mm	
2	153-60032	1300 mm	5803.7 mm	7103.7 mm	
3	153-60141	186 mm	7106.7 mm	7292.7 mm	
4	153-60117	408.2 mm	7295.7 mm	7704 mm	
5	153-60008	421 mm	7707 mm	8128 mm	
6	153-60002	1227.2 mm	8131 mm	9358.2 mm	
7	153-60045	89.5 mm	9361.2 mm	9450.7 mm	
8	153-60045	89.5 mm	9453.7 mm	9543.2 mm	
9	153-60000	1224.2 mm	9546.2 mm	10770.4 mm	
10	153-60222	89.5 mm	10773.4 mm	10862.9 mm	
11	153-60112	293.9 mm	10865.9 mm	11159.8 mm	
12	153-60045	89.5 mm	11162.8 mm	11252.4 mm	
13	153-60045	89.5 mm	11255.4 mm	11344.9 mm	
14	153-60045	89.5 mm	11347.9 mm	11437.4 mm	
15	153-60222	89.5 mm	11440.4 mm	11530 mm	
16	153-60190	1224.2 mm	11533 mm	12757.1 mm	
17	153-60000	1224.2 mm	12760.1 mm	13984.3 mm	
18	153-60045	89.5 mm	13987.3 mm	14076.9 mm	
19	153-60045	89.5 mm	14079.9 mm	14169.4 mm	
20	153-60045	89.5 mm	14172.4 mm	14261.9 mm	
21	153-60157	89.5 mm	14264.9 mm	14354.5 mm	
22	153-60157	89.5 mm	14357.5 mm	14447 mm	
23	153-60157	89.5 mm	14450 mm	14539.5 mm	
24	153-60033	268.9 mm	14542.5 mm	14811.4 mm	
25	153-60045	89.5 mm	14814.4 mm	14903.9 mm	
26	153-60222	89.5 mm	14906.9 mm	14996.5 mm	

PLTNest

Bar 45 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

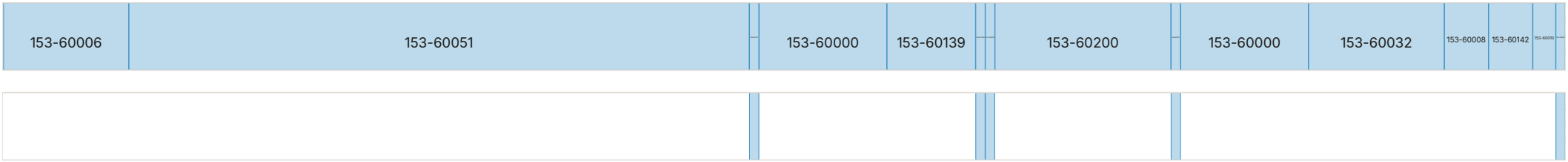


Leftover 0.2 mm | Cuts 22

Seq	Part mark	Length	Start	End	Mitre
1	153-60118	969.9 mm	13 mm	982.9 mm	
2	153-60000	1224.2 mm	985.9 mm	2210.1 mm	
3	153-60221	1224.2 mm	2213.1 mm	3437.2 mm	
4	153-60000	1224.2 mm	3440.2 mm	4664.4 mm	
5	153-60017	1000 mm	4667.4 mm	5667.4 mm	
6	153-60190	1224.2 mm	5670.4 mm	6894.6 mm	
7	153-60008	421 mm	6897.6 mm	7318.6 mm	
8	153-60190	1224.2 mm	7321.6 mm	8545.8 mm	
9	153-60000	1224.2 mm	8548.8 mm	9773 mm	
10	153-60221	1224.2 mm	9776 mm	11000.1 mm	
11	153-60210	500 mm	11003.1 mm	11503.1 mm	
12	153-60061	201.4 mm	11506.1 mm	11707.5 mm	
13	153-60221	1224.2 mm	11710.5 mm	12934.7 mm	
14	153-60017	1000 mm	12937.7 mm	13937.7 mm	
15	153-60248	89.5 mm	13940.7 mm	14030.2 mm	
16	153-60045	89.5 mm	14033.2 mm	14122.7 mm	
17	153-60086	279.9 mm	14125.7 mm	14405.7 mm	
18	153-60157	89.5 mm	14408.7 mm	14498.2 mm	
19	153-60222	89.5 mm	14501.2 mm	14590.7 mm	
20	153-60010	218 mm	14593.7 mm	14811.7 mm	
21	153-60222	89.5 mm	14814.7 mm	14904.3 mm	
22	153-60157	89.5 mm	14907.3 mm	14996.8 mm	

PLTNest

Bar 46 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 1.5 mm | Cuts 15

Seq	Part mark	Length	Start	End	Mitre
1	153-60006	1200 mm	13 mm	1213 mm	
2	153-60051	5950.4 mm	1216 mm	7166.4 mm	
3	153-60157	89.5 mm	7169.4 mm	7258.9 mm	
4	153-60000	1224.2 mm	7261.9 mm	8486.1 mm	
5	153-60139	847.9 mm	8489.1 mm	9336.9 mm	
6	153-60248	89.5 mm	9339.9 mm	9429.5 mm	
7	153-60228	89.5 mm	9432.5 mm	9522 mm	
8	153-60200	1686.3 mm	9525 mm	11211.3 mm	
9	153-60157	89.5 mm	11214.3 mm	11303.8 mm	
10	153-60000	1224.2 mm	11306.8 mm	12531 mm	
11	153-60032	1300 mm	12534 mm	13834 mm	
12	153-60008	421 mm	13837 mm	14258 mm	
13	153-60142	421 mm	14261 mm	14682 mm	
14	153-60010	218 mm	14685 mm	14903 mm	
15	153-60045	89.5 mm	14906 mm	14995.5 mm	

Bar 47 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

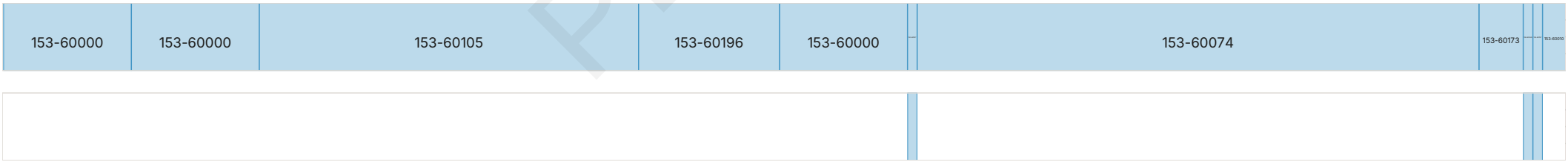


Leftover 0 mm | Cuts 18

PLTNest

Seq	Part mark	Length	Start	End	Mitre
1	153-60190	1224.2 mm	13 mm	1237.2 mm	
2	153-60192	1227.2 mm	1240.2 mm	2467.4 mm	
3	153-60157	89.5 mm	2470.4 mm	2559.9 mm	
4	153-60000	1224.2 mm	2562.9 mm	3787.1 mm	
5	153-60221	1224.2 mm	3790.1 mm	5014.3 mm	
6	153-60018	1500 mm	5017.3 mm	6517.3 mm	
7	153-60030	3086.9 mm	6520.3 mm	9607.1 mm	
8	153-60032	1300 mm	9610.1 mm	10910.1 mm	
9	153-60196	1350 mm	10913.1 mm	12263.1 mm	
10	153-60008	421 mm	12266.1 mm	12687.1 mm	
11	153-60000	1224.2 mm	12690.1 mm	13914.3 mm	
12	153-60157	89.5 mm	13917.3 mm	14006.8 mm	
13	153-60045	89.5 mm	14009.8 mm	14099.4 mm	
14	153-60045	89.5 mm	14102.4 mm	14191.9 mm	
15	153-60173	421 mm	14194.9 mm	14615.9 mm	
16	153-60157	89.5 mm	14618.9 mm	14708.4 mm	
17	153-60007	193 mm	14711.4 mm	14904.4 mm	
18	153-60045	89.5 mm	14907.4 mm	14997 mm	

Bar 48 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



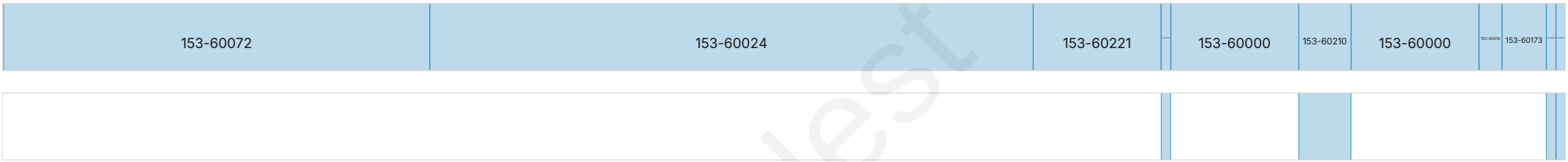
Leftover 0.1 mm | Cuts 11

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60000	1224.2 mm	1240.2 mm	2464.4 mm	
3	153-60105	3636 mm	2467.4 mm	6103.4 mm	
4	153-60196	1350 mm	6106.4 mm	7456.4 mm	
5	153-60000	1224.2 mm	7459.4 mm	8683.5 mm	
6	153-60157	89.5 mm	8686.5 mm	8776.1 mm	

PL Nest

Seq	Part mark	Length	Start	End	Mitre
7	153-60074	5387.7 mm	8779.1 mm	14166.8 mm	
8	153-60173	421 mm	14169.8 mm	14590.8 mm	
9	153-60045	89.5 mm	14593.8 mm	14683.4 mm	
10	153-60157	89.5 mm	14686.4 mm	14775.9 mm	
11	153-60010	218 mm	14778.9 mm	14996.9 mm	

Bar 49 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

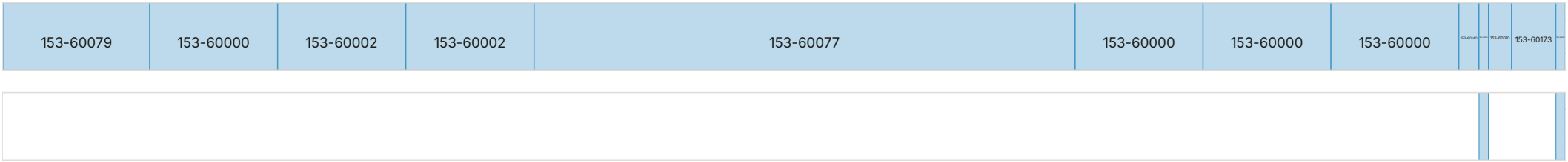


Leftover 0.2 mm | Cuts 11

Seq	Part mark	Length	Start	End	Mitre
1	153-60072	4087.7 mm	13 mm	4100.7 mm	
2	153-60024	5786 mm	4103.7 mm	9889.7 mm	
3	153-60221	1224.2 mm	9892.7 mm	11116.8 mm	
4	153-60222	89.5 mm	11119.8 mm	11209.4 mm	
5	153-60000	1224.2 mm	11212.4 mm	12436.6 mm	
6	153-60210	500 mm	12439.6 mm	12939.6 mm	
7	153-60000	1224.2 mm	12942.6 mm	14166.7 mm	
8	153-60010	218 mm	14169.7 mm	14387.7 mm	
9	153-60173	421 mm	14390.7 mm	14811.7 mm	
10	153-60045	89.5 mm	14814.7 mm	14904.3 mm	
11	153-60045	89.5 mm	14907.3 mm	14996.8 mm	

PLTNest

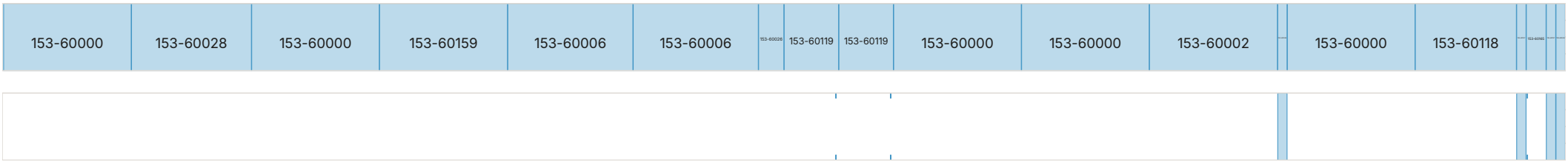
Bar 50 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 1.5 mm | Cuts 13

Seq	Part mark	Length	Start	End	Mitre
1	153-60079	1400 mm	13 mm	1413 mm	
2	153-60000	1224.2 mm	1416 mm	2640.2 mm	
3	153-60002	1227.2 mm	2643.2 mm	3870.4 mm	
4	153-60002	1227.2 mm	3873.4 mm	5100.5 mm	
5	153-60077	5187.7 mm	5103.5 mm	10291.3 mm	
6	153-60000	1224.2 mm	10294.3 mm	11518.5 mm	
7	153-60000	1224.2 mm	11521.5 mm	12745.6 mm	
8	153-60000	1224.2 mm	12748.6 mm	13972.8 mm	
9	153-60140	189.6 mm	13975.8 mm	14165.4 mm	
10	153-60222	89.5 mm	14168.4 mm	14257.9 mm	
11	153-60010	218 mm	14260.9 mm	14478.9 mm	
12	153-60173	421 mm	14481.9 mm	14902.9 mm	
13	153-60045	89.5 mm	14905.9 mm	14995.5 mm	

Bar 51 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.9 mm | Cuts 19

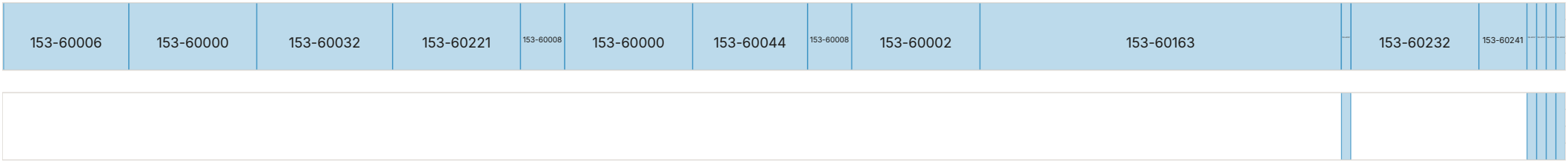
Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60028	1150 mm	1240.2 mm	2390.2 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
3	153-60000	1224.2 mm	2393.2 mm	3617.4 mm	
4	153-60159	1227.2 mm	3620.4 mm	4847.5 mm	
5	153-60006	1200 mm	4850.5 mm	6050.5 mm	
6	153-60006	1200 mm	6053.5 mm	7253.5 mm	
7	153-60026	242.5 mm	7256.5 mm	7499 mm	
8	153-60119	522.2 mm	7502 mm	8024.3 mm	
9	153-60119	522.2 mm	8027.3 mm	8549.5 mm	
10	153-60000	1224.2 mm	8552.5 mm	9776.7 mm	
11	153-60000	1224.2 mm	9779.7 mm	11003.9 mm	
12	153-60002	1227.2 mm	11006.9 mm	12234 mm	
13	153-60248	89.5 mm	12237 mm	12326.6 mm	
14	153-60000	1224.2 mm	12329.6 mm	13553.8 mm	
15	153-60118	969.9 mm	13556.8 mm	14526.6 mm	
16	153-60157	89.5 mm	14529.6 mm	14619.2 mm	
17	153-60165	188.9 mm	14622.2 mm	14811 mm	
18	153-60157	89.5 mm	14814 mm	14903.6 mm	
19	153-60045	89.5 mm	14906.6 mm	14996.1 mm	

PLTNest

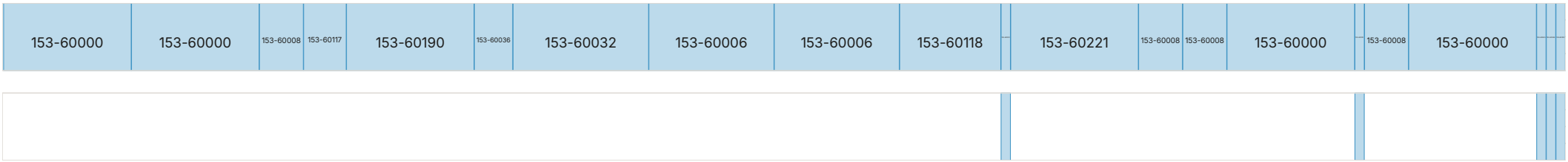
Bar 52 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.6 mm | Cuts 17

Seq	Part mark	Length	Start	End	Mitre
1	153-60006	1200 mm	13 mm	1213 mm	
2	153-60000	1224.2 mm	1216 mm	2440.2 mm	
3	153-60032	1300 mm	2443.2 mm	3743.2 mm	
4	153-60221	1224.2 mm	3746.2 mm	4970.4 mm	
5	153-60008	421 mm	4973.4 mm	5394.4 mm	
6	153-60000	1224.2 mm	5397.4 mm	6621.5 mm	
7	153-60044	1100 mm	6624.5 mm	7724.5 mm	
8	153-60008	421 mm	7727.5 mm	8148.5 mm	
9	153-60002	1227.2 mm	8151.5 mm	9378.7 mm	
10	153-60163	3463.7 mm	9381.7 mm	12845.5 mm	
11	153-60157	89.5 mm	12848.5 mm	12938 mm	
12	153-60232	1224.1 mm	12941 mm	14165 mm	
13	153-60241	458.2 mm	14168 mm	14626.2 mm	
14	153-60157	89.5 mm	14629.2 mm	14718.8 mm	
15	153-60157	89.5 mm	14721.8 mm	14811.3 mm	
16	153-60157	89.5 mm	14814.3 mm	14903.8 mm	
17	153-60045	89.5 mm	14906.8 mm	14996.4 mm	

Bar 53 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



PLTNest

Leftover 1.1 mm | Cuts 21

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60000	1224.2 mm	1240.2 mm	2464.4 mm	
3	153-60008	421 mm	2467.4 mm	2888.4 mm	
4	153-60117	408.2 mm	2891.4 mm	3299.6 mm	
5	153-60190	1224.2 mm	3302.6 mm	4526.8 mm	
6	153-60036	368 mm	4529.8 mm	4897.8 mm	
7	153-60032	1300 mm	4900.8 mm	6200.8 mm	
8	153-60006	1200 mm	6203.8 mm	7403.8 mm	
9	153-60006	1200 mm	7406.8 mm	8606.8 mm	
10	153-60118	969.9 mm	8609.8 mm	9579.7 mm	
11	153-60222	89.5 mm	9582.7 mm	9672.2 mm	
12	153-60221	1224.2 mm	9675.2 mm	10899.4 mm	
13	153-60008	421 mm	10902.4 mm	11323.4 mm	
14	153-60008	421 mm	11326.4 mm	11747.4 mm	
15	153-60000	1224.2 mm	11750.4 mm	12974.5 mm	
16	153-60222	89.5 mm	12977.5 mm	13067.1 mm	
17	153-60008	421 mm	13070.1 mm	13491.1 mm	
18	153-60000	1224.2 mm	13494.1 mm	14718.3 mm	
19	153-60045	89.5 mm	14721.3 mm	14810.8 mm	
20	153-60248	89.5 mm	14813.8 mm	14903.3 mm	
21	153-60222	89.5 mm	14906.3 mm	14995.9 mm	

PLTNest

Bar 54 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

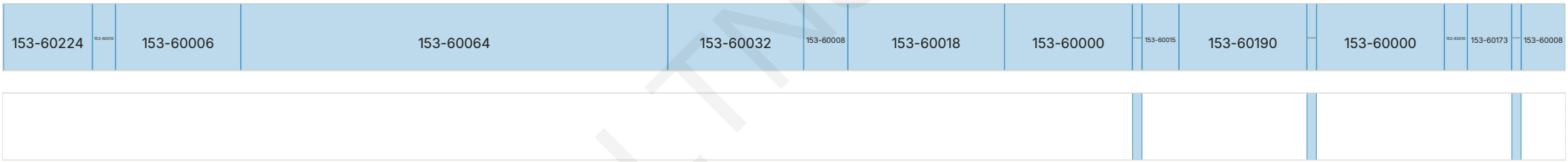


Leftover 1 mm | Cuts 13

Seq	Part mark	Length	Start	End	Mitre
1	153-60008	421 mm	13 mm	434 mm	
2	153-60221	1224.2 mm	437 mm	1661.2 mm	

Seq	Part mark	Length	Start	End	Mitre
3	153-60079	1400 mm	1664.2 mm	3064.2 mm	
4	153-60000	1224.2 mm	3067.2 mm	4291.4 mm	
5	153-60040	418.9 mm	4294.4 mm	4713.2 mm	
6	153-60006	1200 mm	4716.2 mm	5916.2 mm	
7	153-60182	1352 mm	5919.2 mm	7271.2 mm	
8	153-60047	5663 mm	7274.2 mm	12937.2 mm	
9	153-60000	1224.2 mm	12940.2 mm	14164.4 mm	
10	153-60117	408.2 mm	14167.4 mm	14575.7 mm	
11	153-60012	232.3 mm	14578.7 mm	14811 mm	
12	153-60045	89.5 mm	14814 mm	14903.5 mm	
13	153-60248	89.5 mm	14906.5 mm	14996 mm	

Bar 55 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm



Leftover 0.9 mm | Cuts 17

Seq	Part mark	Length	Start	End	Mitre
1	153-60224	850 mm	13 mm	863 mm	
2	153-60010	218 mm	866 mm	1084 mm	
3	153-60006	1200 mm	1087 mm	2287 mm	
4	153-60064	4094.2 mm	2290 mm	6384.2 mm	
5	153-60032	1300 mm	6387.2 mm	7687.2 mm	
6	153-60008	421 mm	7690.2 mm	8111.2 mm	
7	153-60018	1500 mm	8114.2 mm	9614.2 mm	
8	153-60000	1224.2 mm	9617.2 mm	10841.4 mm	
9	153-60045	89.5 mm	10844.4 mm	10934 mm	
10	153-60015	350.7 mm	10937 mm	11287.7 mm	
11	153-60190	1224.2 mm	11290.7 mm	12514.9 mm	
12	153-60045	89.5 mm	12517.9 mm	12607.4 mm	
13	153-60000	1224.2 mm	12610.4 mm	13834.6 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
14	153-60010	218 mm	13837.6 mm	14055.6 mm	
15	153-60173	421 mm	14058.6 mm	14479.6 mm	
16	153-60157	89.5 mm	14482.6 mm	14572.1 mm	
17	153-60008	421 mm	14575.1 mm	14996.1 mm	

Bar 56 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

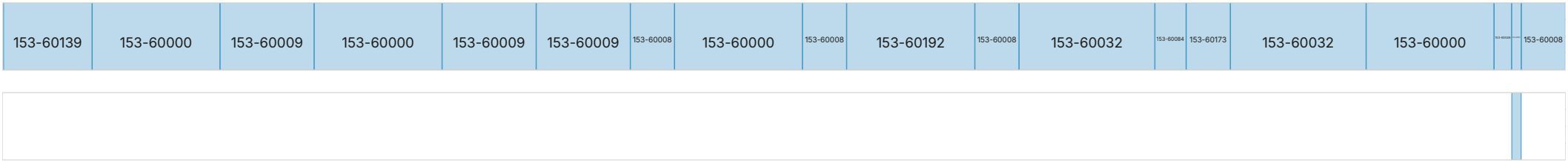


Leftover 0.2 mm | Cuts 19

Seq	Part mark	Length	Start	End	Mitre
1	153-60192	1227.2 mm	13 mm	1240.2 mm	
2	153-60013	5261 mm	1243.2 mm	6504.2 mm	
3	153-60137	1331.3 mm	6507.2 mm	7838.4 mm	
4	153-60006	1200 mm	7841.4 mm	9041.4 mm	
5	153-60008	421 mm	9044.4 mm	9465.4 mm	
6	153-60006	1200 mm	9468.4 mm	10668.4 mm	
7	153-60118	969.9 mm	10671.4 mm	11641.3 mm	
8	153-60006	1200 mm	11644.3 mm	12844.3 mm	
9	153-60190	1224.2 mm	12847.3 mm	14071.5 mm	
10	153-60157	89.5 mm	14074.5 mm	14164 mm	
11	153-60247	89.5 mm	14167 mm	14256.6 mm	
12	153-60157	89.5 mm	14259.6 mm	14349.1 mm	
13	153-60045	89.5 mm	14352.1 mm	14441.6 mm	
14	153-60045	89.5 mm	14444.6 mm	14534.2 mm	
15	153-60248	89.5 mm	14537.2 mm	14626.7 mm	
16	153-60222	89.5 mm	14629.7 mm	14719.2 mm	
17	153-60248	89.5 mm	14722.2 mm	14811.8 mm	
18	153-60045	89.5 mm	14814.8 mm	14904.3 mm	
19	153-60157	89.5 mm	14907.3 mm	14996.8 mm	

PLTNest

Bar 57 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

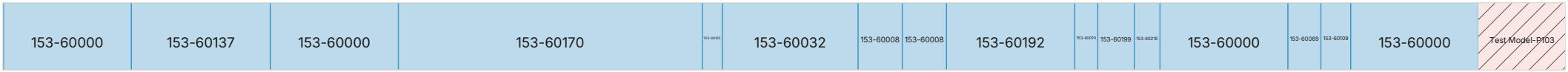


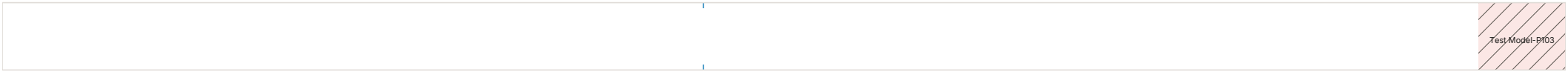
Leftover 0.7 mm | Cuts 19

Seq	Part mark	Length	Start	End	Mitre
1	153-60139	847.9 mm	13 mm	860.9 mm	
2	153-60000	1224.2 mm	863.9 mm	2088 mm	
3	153-60009	900 mm	2091 mm	2991 mm	
4	153-60000	1224.2 mm	2994 mm	4218.2 mm	
5	153-60009	900 mm	4221.2 mm	5121.2 mm	
6	153-60009	900 mm	5124.2 mm	6024.2 mm	
7	153-60008	421 mm	6027.2 mm	6448.2 mm	
8	153-60000	1224.2 mm	6451.2 mm	7675.4 mm	
9	153-60008	421 mm	7678.4 mm	8099.4 mm	
10	153-60192	1227.2 mm	8102.4 mm	9329.6 mm	
11	153-60008	421 mm	9332.6 mm	9753.6 mm	
12	153-60032	1300 mm	9756.6 mm	11056.6 mm	
13	153-60084	297.1 mm	11059.6 mm	11356.7 mm	
14	153-60173	421 mm	11359.7 mm	11780.7 mm	
15	153-60032	1300 mm	11783.7 mm	13083.7 mm	
16	153-60000	1224.2 mm	13086.7 mm	14310.9 mm	
17	153-60048	165.9 mm	14313.9 mm	14479.8 mm	
18	153-60157	89.5 mm	14482.8 mm	14572.3 mm	
19	153-60008	421 mm	14575.3 mm	14996.3 mm	

PLTNest

Bar 58 | PIPE1-1/2SCH40 / A53-GR.B | S2 | 15000 mm

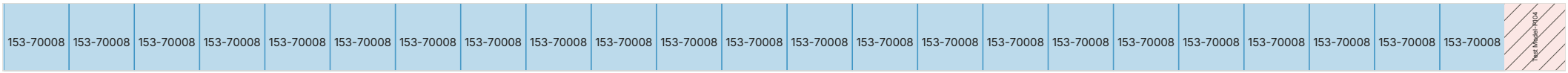


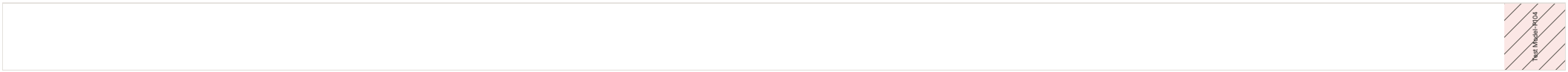


Leftover 821.3 mm (Test Model-P103) | Cuts 16

Seq	Part mark	Length	Start	End	Mitre
1	153-60000	1224.2 mm	13 mm	1237.2 mm	
2	153-60137	1331.3 mm	1240.2 mm	2571.4 mm	
3	153-60000	1224.2 mm	2574.4 mm	3798.6 mm	
4	153-60170	2913 mm	3801.6 mm	6714.6 mm	
5	153-60165	188.9 mm	6717.6 mm	6906.5 mm	
6	153-60032	1300 mm	6909.5 mm	8209.5 mm	
7	153-60008	421 mm	8212.5 mm	8633.5 mm	
8	153-60008	421 mm	8636.5 mm	9057.5 mm	
9	153-60192	1227.2 mm	9060.5 mm	10287.7 mm	
10	153-60010	218 mm	10290.7 mm	10508.7 mm	
11	153-60199	347.6 mm	10511.7 mm	10859.3 mm	
12	153-60219	243.5 mm	10862.3 mm	11105.8 mm	
13	153-60000	1224.2 mm	11108.8 mm	12333 mm	
14	153-60069	313.4 mm	12336 mm	12649.3 mm	
15	153-60109	283.2 mm	12652.3 mm	12935.5 mm	
16	153-60000	1224.2 mm	12938.5 mm	14162.7 mm	
R	Test Model-P103	821.3 mm	14178.7 mm	15000 mm	Remnant

Bar 1 | ROD20 / S275JR | S16 | 12000 mm





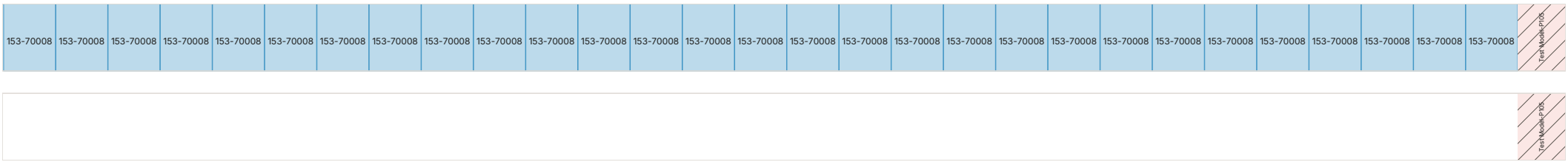
PLTNest

Leftover 451 mm (Test Model-P104) | Cuts 23

Seq	Part mark	Length	Start	End	Mitre
1	153-70008	498 mm	13 mm	511 mm	
2	153-70008	498 mm	514 mm	1012 mm	
3	153-70008	498 mm	1015 mm	1513 mm	
4	153-70008	498 mm	1516 mm	2014 mm	
5	153-70008	498 mm	2017 mm	2515 mm	
6	153-70008	498 mm	2518 mm	3016 mm	
7	153-70008	498 mm	3019 mm	3517 mm	
8	153-70008	498 mm	3520 mm	4018 mm	
9	153-70008	498 mm	4021 mm	4519 mm	
10	153-70008	498 mm	4522 mm	5020 mm	
11	153-70008	498 mm	5023 mm	5521 mm	
12	153-70008	498 mm	5524 mm	6022 mm	
13	153-70008	498 mm	6025 mm	6523 mm	
14	153-70008	498 mm	6526 mm	7024 mm	
15	153-70008	498 mm	7027 mm	7525 mm	
16	153-70008	498 mm	7528 mm	8026 mm	
17	153-70008	498 mm	8029 mm	8527 mm	
18	153-70008	498 mm	8530 mm	9028 mm	
19	153-70008	498 mm	9031 mm	9529 mm	
20	153-70008	498 mm	9532 mm	10030 mm	
21	153-70008	498 mm	10033 mm	10531 mm	
22	153-70008	498 mm	10534 mm	11032 mm	
23	153-70008	498 mm	11035 mm	11533 mm	
R	Test Model-P104	451 mm	11549 mm	12000 mm	Remnant

PLTest

Bar 2 | ROD20 / S275JR | S17 | 15000 mm

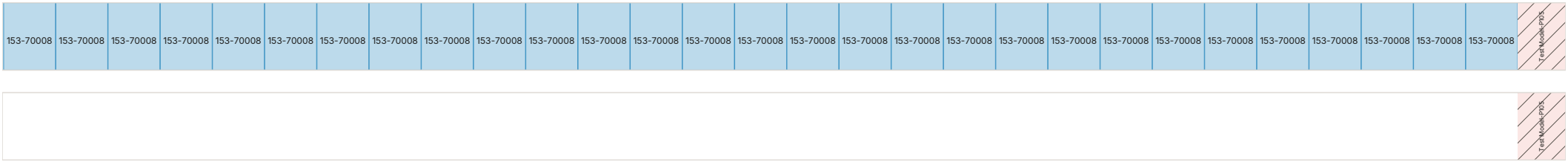


Leftover 445 mm (Test Model-P105) | Cuts 29

Seq	Part mark	Length	Start	End	Mitre
1	153-70008	498 mm	13 mm	511 mm	
2	153-70008	498 mm	514 mm	1012 mm	
3	153-70008	498 mm	1015 mm	1513 mm	
4	153-70008	498 mm	1516 mm	2014 mm	
5	153-70008	498 mm	2017 mm	2515 mm	
6	153-70008	498 mm	2518 mm	3016 mm	
7	153-70008	498 mm	3019 mm	3517 mm	
8	153-70008	498 mm	3520 mm	4018 mm	
9	153-70008	498 mm	4021 mm	4519 mm	
10	153-70008	498 mm	4522 mm	5020 mm	
11	153-70008	498 mm	5023 mm	5521 mm	
12	153-70008	498 mm	5524 mm	6022 mm	
13	153-70008	498 mm	6025 mm	6523 mm	
14	153-70008	498 mm	6526 mm	7024 mm	
15	153-70008	498 mm	7027 mm	7525 mm	
16	153-70008	498 mm	7528 mm	8026 mm	
17	153-70008	498 mm	8029 mm	8527 mm	
18	153-70008	498 mm	8530 mm	9028 mm	
19	153-70008	498 mm	9031 mm	9529 mm	
20	153-70008	498 mm	9532 mm	10030 mm	
21	153-70008	498 mm	10033 mm	10531 mm	
22	153-70008	498 mm	10534 mm	11032 mm	
23	153-70008	498 mm	11035 mm	11533 mm	
24	153-70008	498 mm	11536 mm	12034 mm	
25	153-70008	498 mm	12037 mm	12535 mm	
26	153-70008	498 mm	12538 mm	13036 mm	
27	153-70008	498 mm	13039 mm	13537 mm	
28	153-70008	498 mm	13540 mm	14038 mm	
29	153-70008	498 mm	14041 mm	14539 mm	
R	Test Model-P105	445 mm	14555 mm	15000 mm	Remnant

PLTNest

Bar 3 | ROD20 / S275JR | S17 | 15000 mm



Leftover 445 mm (Test Model-P105) | Cuts 29

Seq	Part mark	Length	Start	End	Mitre
1	153-70008	498 mm	13 mm	511 mm	
2	153-70008	498 mm	514 mm	1012 mm	
3	153-70008	498 mm	1015 mm	1513 mm	
4	153-70008	498 mm	1516 mm	2014 mm	
5	153-70008	498 mm	2017 mm	2515 mm	
6	153-70008	498 mm	2518 mm	3016 mm	
7	153-70008	498 mm	3019 mm	3517 mm	
8	153-70008	498 mm	3520 mm	4018 mm	
9	153-70008	498 mm	4021 mm	4519 mm	
10	153-70008	498 mm	4522 mm	5020 mm	
11	153-70008	498 mm	5023 mm	5521 mm	
12	153-70008	498 mm	5524 mm	6022 mm	
13	153-70008	498 mm	6025 mm	6523 mm	
14	153-70008	498 mm	6526 mm	7024 mm	
15	153-70008	498 mm	7027 mm	7525 mm	
16	153-70008	498 mm	7528 mm	8026 mm	
17	153-70008	498 mm	8029 mm	8527 mm	
18	153-70008	498 mm	8530 mm	9028 mm	
19	153-70008	498 mm	9031 mm	9529 mm	
20	153-70008	498 mm	9532 mm	10030 mm	
21	153-70008	498 mm	10033 mm	10531 mm	
22	153-70008	498 mm	10534 mm	11032 mm	
23	153-70008	498 mm	11035 mm	11533 mm	
24	153-70008	498 mm	11536 mm	12034 mm	
25	153-70008	498 mm	12037 mm	12535 mm	
26	153-70008	498 mm	12538 mm	13036 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
27	153-70008	498 mm	13039 mm	13537 mm	
28	153-70008	498 mm	13540 mm	14038 mm	
29	153-70008	498 mm	14041 mm	14539 mm	
R	Test Model-P105	445 mm	14555 mm	15000 mm	Remnant

Bar 4 | ROD20 / S275JR | S17 | 15000 mm



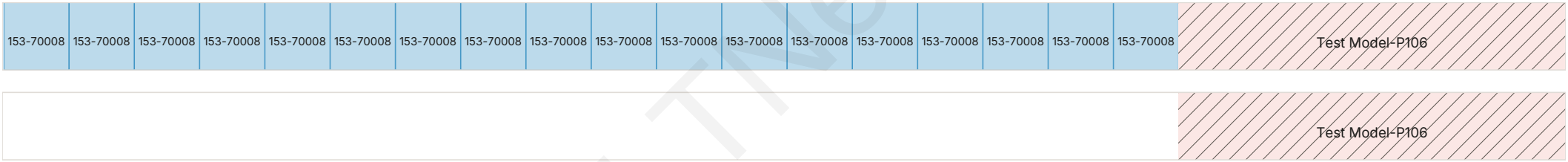
Leftover 445 mm (Test Model-P105) | Cuts 29

Seq	Part mark	Length	Start	End	Mitre
1	153-70008	498 mm	13 mm	511 mm	
2	153-70008	498 mm	514 mm	1012 mm	
3	153-70008	498 mm	1015 mm	1513 mm	
4	153-70008	498 mm	1516 mm	2014 mm	
5	153-70008	498 mm	2017 mm	2515 mm	
6	153-70008	498 mm	2518 mm	3016 mm	
7	153-70008	498 mm	3019 mm	3517 mm	
8	153-70008	498 mm	3520 mm	4018 mm	
9	153-70008	498 mm	4021 mm	4519 mm	
10	153-70008	498 mm	4522 mm	5020 mm	
11	153-70008	498 mm	5023 mm	5521 mm	
12	153-70008	498 mm	5524 mm	6022 mm	
13	153-70008	498 mm	6025 mm	6523 mm	
14	153-70008	498 mm	6526 mm	7024 mm	
15	153-70008	498 mm	7027 mm	7525 mm	
16	153-70008	498 mm	7528 mm	8026 mm	
17	153-70008	498 mm	8029 mm	8527 mm	
18	153-70008	498 mm	8530 mm	9028 mm	
19	153-70008	498 mm	9031 mm	9529 mm	
20	153-70008	498 mm	9532 mm	10030 mm	

PLTest

Seq	Part mark	Length	Start	End	Mitre
21	153-70008	498 mm	10033 mm	10531 mm	
22	153-70008	498 mm	10534 mm	11032 mm	
23	153-70008	498 mm	11035 mm	11533 mm	
24	153-70008	498 mm	11536 mm	12034 mm	
25	153-70008	498 mm	12037 mm	12535 mm	
26	153-70008	498 mm	12538 mm	13036 mm	
27	153-70008	498 mm	13039 mm	13537 mm	
28	153-70008	498 mm	13540 mm	14038 mm	
29	153-70008	498 mm	14041 mm	14539 mm	
R	Test Model-P105	445 mm	14555 mm	15000 mm	Remnant

Bar 5 | ROD20 / S275JR | S16 | 12000 mm



Leftover 2956 mm (Test Model-P106) | Cuts 18

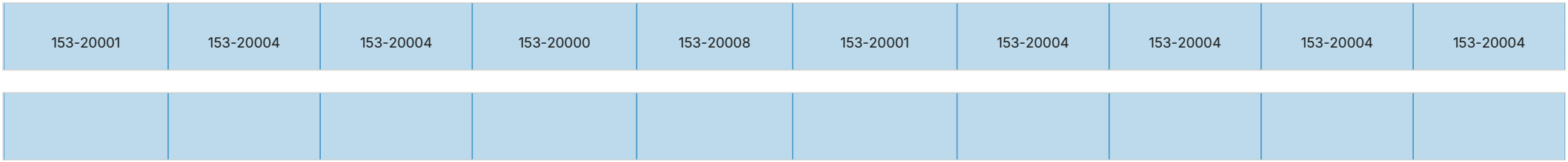
Seq	Part mark	Length	Start	End	Mitre
1	153-70008	498 mm	13 mm	511 mm	
2	153-70008	498 mm	514 mm	1012 mm	
3	153-70008	498 mm	1015 mm	1513 mm	
4	153-70008	498 mm	1516 mm	2014 mm	
5	153-70008	498 mm	2017 mm	2515 mm	
6	153-70008	498 mm	2518 mm	3016 mm	
7	153-70008	498 mm	3019 mm	3517 mm	
8	153-70008	498 mm	3520 mm	4018 mm	
9	153-70008	498 mm	4021 mm	4519 mm	
10	153-70008	498 mm	4522 mm	5020 mm	
11	153-70008	498 mm	5023 mm	5521 mm	
12	153-70008	498 mm	5524 mm	6022 mm	
13	153-70008	498 mm	6025 mm	6523 mm	
14	153-70008	498 mm	6526 mm	7024 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
15	153-70008	498 mm	7027 mm	7525 mm	
16	153-70008	498 mm	7528 mm	8026 mm	
17	153-70008	498 mm	8029 mm	8527 mm	
18	153-70008	498 mm	8530 mm	9028 mm	
R	Test Model-P106	2956 mm	9044 mm	12000 mm	Remnant

PLTNest

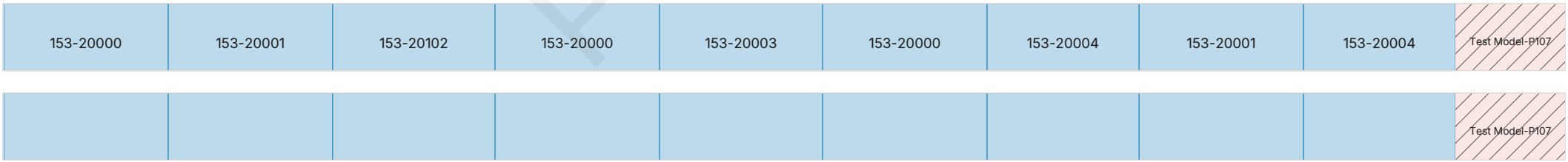
Bar 1 | UPN100 / S275JR | S47 | 12000 mm



Leftover 2 mm | Cuts 10

Seq	Part mark	Length	Start	End	Mitre
1	153-20001	1259 mm	13 mm	1272 mm	
2	153-20004	1164 mm	1275 mm	2439 mm	
3	153-20004	1164 mm	2442 mm	3606 mm	
4	153-20000	1259 mm	3609 mm	4868 mm	
5	153-20008	1194 mm	4871 mm	6065 mm	
6	153-20001	1259 mm	6068 mm	7327 mm	
7	153-20004	1164 mm	7330 mm	8494 mm	
8	153-20004	1164 mm	8497 mm	9661 mm	
9	153-20004	1164 mm	9664 mm	10828 mm	
10	153-20004	1164 mm	10831 mm	11995 mm	

Bar 2 | UPN100 / S275JR | S47 | 12000 mm



Leftover 831 mm (Test Model-P107) | Cuts 9

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20001	1259 mm	1275 mm	2534 mm	
3	153-20102	1244 mm	2537 mm	3781 mm	
4	153-20000	1259 mm	3784 mm	5043 mm	
5	153-20003	1249 mm	5046 mm	6295 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
6	153-20000	1259 mm	6298 mm	7557 mm	
7	153-20004	1164 mm	7560 mm	8724 mm	
8	153-20001	1259 mm	8727 mm	9986 mm	
9	153-20004	1164 mm	9989 mm	11153 mm	
R	Test Model-P107	831 mm	11169 mm	12000 mm	Remnant

Bar 3 | UPN100 / S275JR | S48 | 15000 mm

153-20000	153-20001	153-20001	153-20003	153-20001	153-20008	153-20000	153-20001	153-20001	153-20003	153-20008	153-20003

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20001	1259 mm	1275 mm	2534 mm	
3	153-20001	1259 mm	2537 mm	3796 mm	
4	153-20003	1249 mm	3799 mm	5048 mm	
5	153-20001	1259 mm	5051 mm	6310 mm	
6	153-20008	1194 mm	6313 mm	7507 mm	
7	153-20000	1259 mm	7510 mm	8769 mm	
8	153-20001	1259 mm	8772 mm	10031 mm	
9	153-20001	1259 mm	10034 mm	11293 mm	
10	153-20003	1249 mm	11296 mm	12545 mm	
11	153-20008	1194 mm	12548 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

PLTNest

Bar 4 | UPN100 / S275JR | S48 | 15000 mm

153-20000	153-20000	153-20000	153-20008	153-20000	153-20000	153-20003	153-20003	153-20000	153-20001	153-20003	153-20008



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20000	1259 mm	1275 mm	2534 mm	
3	153-20000	1259 mm	2537 mm	3796 mm	
4	153-20008	1194 mm	3799 mm	4993 mm	
5	153-20000	1259 mm	4996 mm	6255 mm	
6	153-20000	1259 mm	6258 mm	7517 mm	
7	153-20003	1249 mm	7520 mm	8769 mm	
8	153-20003	1249 mm	8772 mm	10021 mm	
9	153-20000	1259 mm	10024 mm	11283 mm	
10	153-20001	1259 mm	11286 mm	12545 mm	
11	153-20003	1249 mm	12548 mm	13797 mm	
12	153-20008	1194 mm	13800 mm	14994 mm	

PLTNest

Bar 5 | UPN100 / S275JR | S48 | 15000 mm

153-20001	153-20008	153-20001	153-20000	153-20102	153-20000	153-20001	153-20000	153-20001	153-20102	153-20008	153-20000



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20001	1259 mm	13 mm	1272 mm	
2	153-20008	1194 mm	1275 mm	2469 mm	
3	153-20001	1259 mm	2472 mm	3731 mm	

Seq	Part mark	Length	Start	End	Mitre
4	153-20000	1259 mm	3734 mm	4993 mm	
5	153-20102	1244 mm	4996 mm	6240 mm	
6	153-20000	1259 mm	6243 mm	7502 mm	
7	153-20001	1259 mm	7505 mm	8764 mm	
8	153-20000	1259 mm	8767 mm	10026 mm	
9	153-20001	1259 mm	10029 mm	11288 mm	
10	153-20102	1244 mm	11291 mm	12535 mm	
11	153-20008	1194 mm	12538 mm	13732 mm	
12	153-20000	1259 mm	13735 mm	14994 mm	

Bar 6 | UPN100 / S275JR | S48 | 15000 mm

153-20003	153-20000	153-20102	153-20001	153-20001	153-20003	153-20000	153-20000	153-20003	153-20003	153-20003	153-20004

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20003	1249 mm	13 mm	1262 mm	
2	153-20000	1259 mm	1265 mm	2524 mm	
3	153-20102	1244 mm	2527 mm	3771 mm	
4	153-20001	1259 mm	3774 mm	5033 mm	
5	153-20001	1259 mm	5036 mm	6295 mm	
6	153-20003	1249 mm	6298 mm	7547 mm	
7	153-20000	1259 mm	7550 mm	8809 mm	
8	153-20000	1259 mm	8812 mm	10071 mm	
9	153-20003	1249 mm	10074 mm	11323 mm	
10	153-20003	1249 mm	11326 mm	12575 mm	
11	153-20003	1249 mm	12578 mm	13827 mm	
12	153-20004	1164 mm	13830 mm	14994 mm	

PLTNest

Bar 7 | UPN100 / S275JR | S48 | 15000 mm

153-20102	153-20003	153-20004	153-20001	153-20000	153-20003	153-20003	153-20001	153-20000	153-20003	153-20003	153-20001

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20102	1244 mm	13 mm	1257 mm	
2	153-20003	1249 mm	1260 mm	2509 mm	
3	153-20004	1164 mm	2512 mm	3676 mm	
4	153-20001	1259 mm	3679 mm	4938 mm	
5	153-20000	1259 mm	4941 mm	6200 mm	
6	153-20003	1249 mm	6203 mm	7452 mm	
7	153-20003	1249 mm	7455 mm	8704 mm	
8	153-20001	1259 mm	8707 mm	9966 mm	
9	153-20000	1259 mm	9969 mm	11228 mm	
10	153-20003	1249 mm	11231 mm	12480 mm	
11	153-20003	1249 mm	12483 mm	13732 mm	
12	153-20001	1259 mm	13735 mm	14994 mm	

Bar 8 | UPN100 / S275JR | S48 | 15000 mm

153-20004	153-20000	153-20003	153-20003	153-20000	153-20001	153-20102	153-20003	153-20001	153-20003	153-20003	153-20001

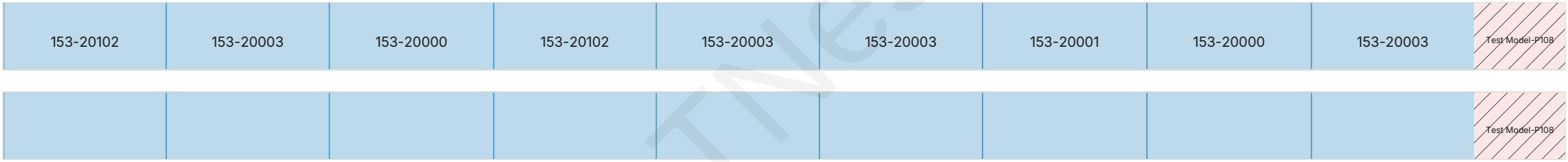
Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20004	1164 mm	13 mm	1177 mm	
2	153-20000	1259 mm	1180 mm	2439 mm	
3	153-20003	1249 mm	2442 mm	3691 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20003	1249 mm	3694 mm	4943 mm	
5	153-20000	1259 mm	4946 mm	6205 mm	
6	153-20001	1259 mm	6208 mm	7467 mm	
7	153-20102	1244 mm	7470 mm	8714 mm	
8	153-20003	1249 mm	8717 mm	9966 mm	
9	153-20001	1259 mm	9969 mm	11228 mm	
10	153-20003	1249 mm	11231 mm	12480 mm	
11	153-20003	1249 mm	12483 mm	13732 mm	
12	153-20001	1259 mm	13735 mm	14994 mm	

Bar 9 | UPN100 / S275JR | S47 | 12000 mm



Leftover 686 mm (Test Model-P108) | Cuts 9

Seq	Part mark	Length	Start	End	Mitre
1	153-20102	1244 mm	13 mm	1257 mm	
2	153-20003	1249 mm	1260 mm	2509 mm	
3	153-20000	1259 mm	2512 mm	3771 mm	
4	153-20102	1244 mm	3774 mm	5018 mm	
5	153-20003	1249 mm	5021 mm	6270 mm	
6	153-20003	1249 mm	6273 mm	7522 mm	
7	153-20001	1259 mm	7525 mm	8784 mm	
8	153-20000	1259 mm	8787 mm	10046 mm	
9	153-20003	1249 mm	10049 mm	11298 mm	
R	Test Model-P108	686 mm	11314 mm	12000 mm	Remnant

PLTNest

Bar 10 | UPN100 / S275JR | S48 | 15000 mm

153-20001	153-20003	153-20000	153-20003	153-20003	153-20001	153-20003	153-20003	153-20000	153-20004	153-20102	153-20000

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20001	1259 mm	13 mm	1272 mm	
2	153-20003	1249 mm	1275 mm	2524 mm	
3	153-20000	1259 mm	2527 mm	3786 mm	
4	153-20003	1249 mm	3789 mm	5038 mm	
5	153-20003	1249 mm	5041 mm	6290 mm	
6	153-20001	1259 mm	6293 mm	7552 mm	
7	153-20003	1249 mm	7555 mm	8804 mm	
8	153-20003	1249 mm	8807 mm	10056 mm	
9	153-20000	1259 mm	10059 mm	11318 mm	
10	153-20004	1164 mm	11321 mm	12485 mm	
11	153-20102	1244 mm	12488 mm	13732 mm	
12	153-20000	1259 mm	13735 mm	14994 mm	

Bar 11 | UPN100 / S275JR | S48 | 15000 mm

153-20000	153-20003	153-20008	153-20001	153-20000	153-20008	153-20000	153-20003	153-20000	153-20001	153-20001	153-20003

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20003	1249 mm	1275 mm	2524 mm	
3	153-20008	1194 mm	2527 mm	3721 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20001	1259 mm	3724 mm	4983 mm	
5	153-20000	1259 mm	4986 mm	6245 mm	
6	153-20008	1194 mm	6248 mm	7442 mm	
7	153-20000	1259 mm	7445 mm	8704 mm	
8	153-20003	1249 mm	8707 mm	9956 mm	
9	153-20000	1259 mm	9959 mm	11218 mm	
10	153-20001	1259 mm	11221 mm	12480 mm	
11	153-20001	1259 mm	12483 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

Bar 12 | UPN100 / S275JR | S48 | 15000 mm

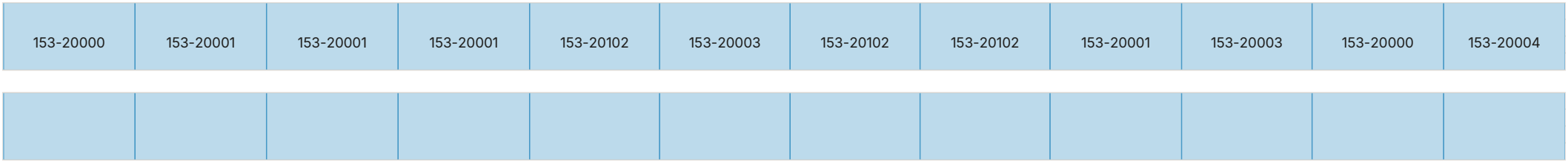
153-20003	153-20001	153-20000	153-20001	153-20003	153-20000	153-20003	153-20003	153-20102	153-20003	153-20000	153-20004

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20003	1249 mm	13 mm	1262 mm	
2	153-20001	1259 mm	1265 mm	2524 mm	
3	153-20000	1259 mm	2527 mm	3786 mm	
4	153-20001	1259 mm	3789 mm	5048 mm	
5	153-20003	1249 mm	5051 mm	6300 mm	
6	153-20000	1259 mm	6303 mm	7562 mm	
7	153-20003	1249 mm	7565 mm	8814 mm	
8	153-20003	1249 mm	8817 mm	10066 mm	
9	153-20102	1244 mm	10069 mm	11313 mm	
10	153-20003	1249 mm	11316 mm	12565 mm	
11	153-20000	1259 mm	12568 mm	13827 mm	
12	153-20004	1164 mm	13830 mm	14994 mm	

PLTNest

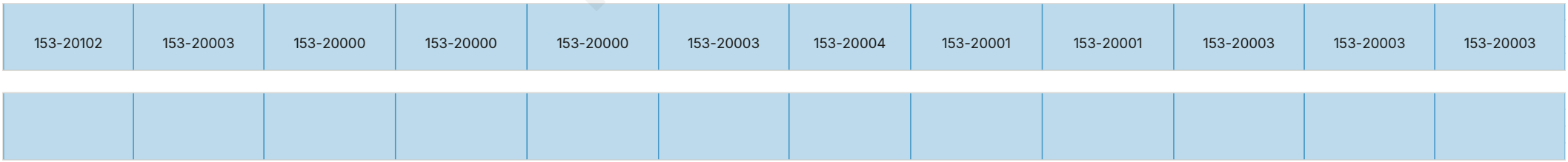
Bar 13 | UPN100 / S275JR | S48 | 15000 mm



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20001	1259 mm	1275 mm	2534 mm	
3	153-20001	1259 mm	2537 mm	3796 mm	
4	153-20001	1259 mm	3799 mm	5058 mm	
5	153-20102	1244 mm	5061 mm	6305 mm	
6	153-20003	1249 mm	6308 mm	7557 mm	
7	153-20102	1244 mm	7560 mm	8804 mm	
8	153-20102	1244 mm	8807 mm	10051 mm	
9	153-20001	1259 mm	10054 mm	11313 mm	
10	153-20003	1249 mm	11316 mm	12565 mm	
11	153-20000	1259 mm	12568 mm	13827 mm	
12	153-20004	1164 mm	13830 mm	14994 mm	

Bar 14 | UPN100 / S275JR | S48 | 15000 mm



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20102	1244 mm	13 mm	1257 mm	
2	153-20003	1249 mm	1260 mm	2509 mm	
3	153-20000	1259 mm	2512 mm	3771 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20000	1259 mm	3774 mm	5033 mm	
5	153-20000	1259 mm	5036 mm	6295 mm	
6	153-20003	1249 mm	6298 mm	7547 mm	
7	153-20004	1164 mm	7550 mm	8714 mm	
8	153-20001	1259 mm	8717 mm	9976 mm	
9	153-20001	1259 mm	9979 mm	11238 mm	
10	153-20003	1249 mm	11241 mm	12490 mm	
11	153-20003	1249 mm	12493 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

Bar 15 | UPN100 / S275JR | S48 | 15000 mm

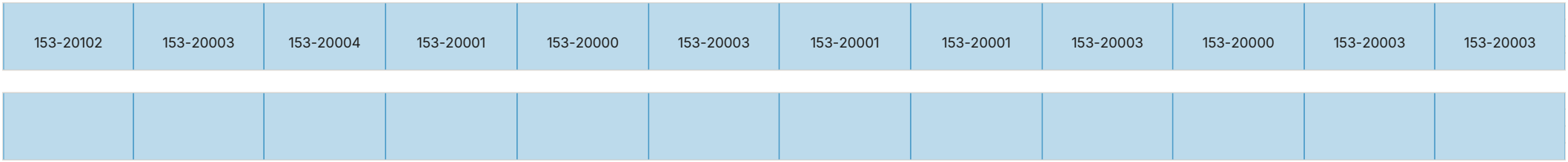
153-20000	153-20003	153-20003	153-20003	153-20004	153-20000	153-20003	153-20000	153-20000	153-20000	153-20003	153-20102

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20003	1249 mm	1275 mm	2524 mm	
3	153-20003	1249 mm	2527 mm	3776 mm	
4	153-20003	1249 mm	3779 mm	5028 mm	
5	153-20004	1164 mm	5031 mm	6195 mm	
6	153-20000	1259 mm	6198 mm	7457 mm	
7	153-20003	1249 mm	7460 mm	8709 mm	
8	153-20000	1259 mm	8712 mm	9971 mm	
9	153-20000	1259 mm	9974 mm	11233 mm	
10	153-20000	1259 mm	11236 mm	12495 mm	
11	153-20003	1249 mm	12498 mm	13747 mm	
12	153-20102	1244 mm	13750 mm	14994 mm	

PLTNest

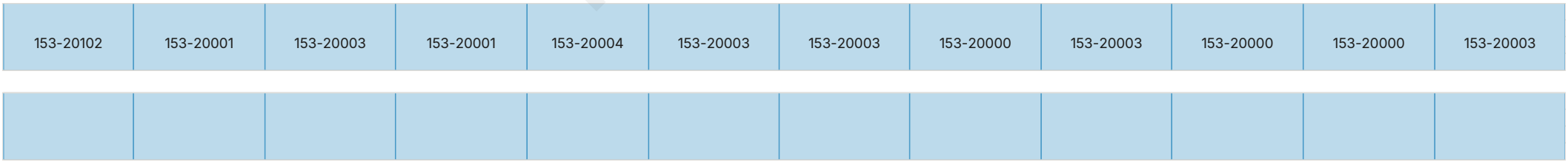
Bar 16 | UPN100 / S275JR | S48 | 15000 mm



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20102	1244 mm	13 mm	1257 mm	
2	153-20003	1249 mm	1260 mm	2509 mm	
3	153-20004	1164 mm	2512 mm	3676 mm	
4	153-20001	1259 mm	3679 mm	4938 mm	
5	153-20000	1259 mm	4941 mm	6200 mm	
6	153-20003	1249 mm	6203 mm	7452 mm	
7	153-20001	1259 mm	7455 mm	8714 mm	
8	153-20001	1259 mm	8717 mm	9976 mm	
9	153-20003	1249 mm	9979 mm	11228 mm	
10	153-20000	1259 mm	11231 mm	12490 mm	
11	153-20003	1249 mm	12493 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

Bar 17 | UPN100 / S275JR | S48 | 15000 mm



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20102	1244 mm	13 mm	1257 mm	
2	153-20001	1259 mm	1260 mm	2519 mm	
3	153-20003	1249 mm	2522 mm	3771 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20001	1259 mm	3774 mm	5033 mm	
5	153-20004	1164 mm	5036 mm	6200 mm	
6	153-20003	1249 mm	6203 mm	7452 mm	
7	153-20003	1249 mm	7455 mm	8704 mm	
8	153-20000	1259 mm	8707 mm	9966 mm	
9	153-20003	1249 mm	9969 mm	11218 mm	
10	153-20000	1259 mm	11221 mm	12480 mm	
11	153-20000	1259 mm	12483 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

Bar 18 | UPN100 / S275JR | S48 | 15000 mm

153-20001	153-20000	153-20000	153-20003	153-20003	153-20008	153-20001	153-20008	153-20001	153-20003	153-20000	153-20000

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20001	1259 mm	13 mm	1272 mm	
2	153-20000	1259 mm	1275 mm	2534 mm	
3	153-20000	1259 mm	2537 mm	3796 mm	
4	153-20003	1249 mm	3799 mm	5048 mm	
5	153-20003	1249 mm	5051 mm	6300 mm	
6	153-20008	1194 mm	6303 mm	7497 mm	
7	153-20001	1259 mm	7500 mm	8759 mm	
8	153-20008	1194 mm	8762 mm	9956 mm	
9	153-20001	1259 mm	9959 mm	11218 mm	
10	153-20003	1249 mm	11221 mm	12470 mm	
11	153-20000	1259 mm	12473 mm	13732 mm	
12	153-20000	1259 mm	13735 mm	14994 mm	

PLTNest

Bar 19 | UPN100 / S275JR | S48 | 15000 mm

153-20003	153-20008	153-20003	153-20001	153-20000	153-20001	153-20000	153-20003	153-20000	153-20000	153-20001	153-20008

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20003	1249 mm	13 mm	1262 mm	
2	153-20008	1194 mm	1265 mm	2459 mm	
3	153-20003	1249 mm	2462 mm	3711 mm	
4	153-20001	1259 mm	3714 mm	4973 mm	
5	153-20000	1259 mm	4976 mm	6235 mm	
6	153-20001	1259 mm	6238 mm	7497 mm	
7	153-20000	1259 mm	7500 mm	8759 mm	
8	153-20003	1249 mm	8762 mm	10011 mm	
9	153-20000	1259 mm	10014 mm	11273 mm	
10	153-20000	1259 mm	11276 mm	12535 mm	
11	153-20001	1259 mm	12538 mm	13797 mm	
12	153-20008	1194 mm	13800 mm	14994 mm	

Bar 20 | UPN100 / S275JR | S48 | 15000 mm

153-20003	153-20003	153-20003	153-20003	153-20001	153-20000	153-20004	153-20102	153-20003	153-20000	153-20000	153-20000

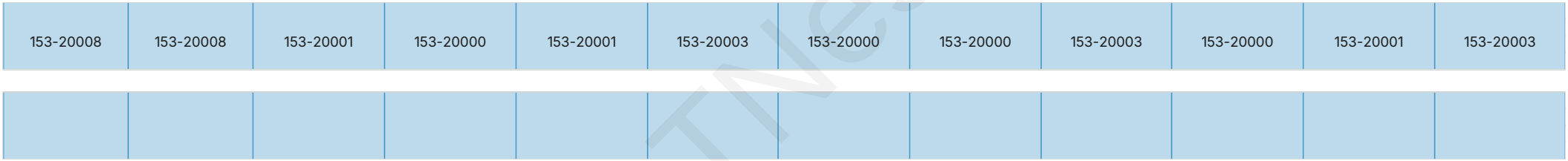
Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20003	1249 mm	13 mm	1262 mm	
2	153-20003	1249 mm	1265 mm	2514 mm	
3	153-20003	1249 mm	2517 mm	3766 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20003	1249 mm	3769 mm	5018 mm	
5	153-20001	1259 mm	5021 mm	6280 mm	
6	153-20000	1259 mm	6283 mm	7542 mm	
7	153-20004	1164 mm	7545 mm	8709 mm	
8	153-20102	1244 mm	8712 mm	9956 mm	
9	153-20003	1249 mm	9959 mm	11208 mm	
10	153-20000	1259 mm	11211 mm	12470 mm	
11	153-20000	1259 mm	12473 mm	13732 mm	
12	153-20000	1259 mm	13735 mm	14994 mm	

Bar 21 | UPN100 / S275JR | S48 | 15000 mm

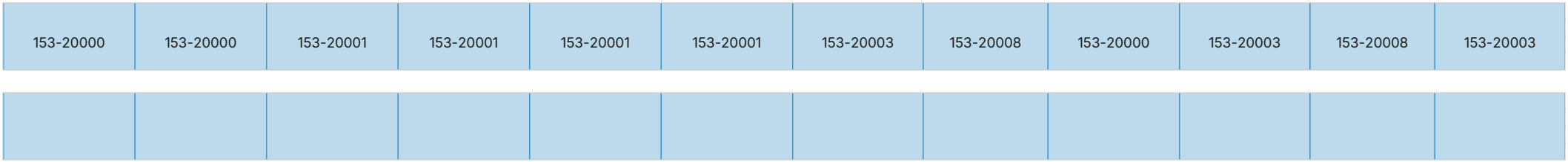


Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20008	1194 mm	13 mm	1207 mm	
2	153-20008	1194 mm	1210 mm	2404 mm	
3	153-20001	1259 mm	2407 mm	3666 mm	
4	153-20000	1259 mm	3669 mm	4928 mm	
5	153-20001	1259 mm	4931 mm	6190 mm	
6	153-20003	1249 mm	6193 mm	7442 mm	
7	153-20000	1259 mm	7445 mm	8704 mm	
8	153-20000	1259 mm	8707 mm	9966 mm	
9	153-20003	1249 mm	9969 mm	11218 mm	
10	153-20000	1259 mm	11221 mm	12480 mm	
11	153-20001	1259 mm	12483 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

PLTNest

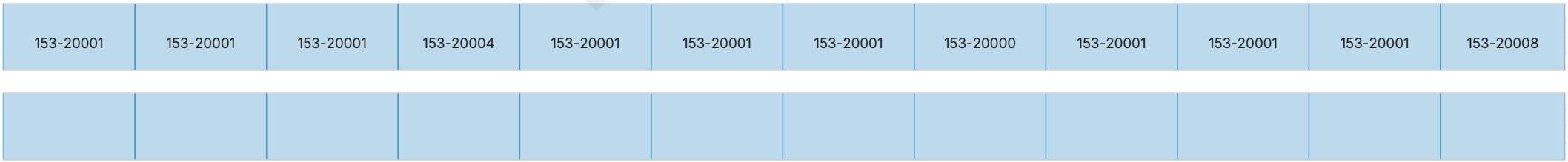
Bar 22 | UPN100 / S275JR | S48 | 15000 mm



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20000	1259 mm	1275 mm	2534 mm	
3	153-20001	1259 mm	2537 mm	3796 mm	
4	153-20001	1259 mm	3799 mm	5058 mm	
5	153-20001	1259 mm	5061 mm	6320 mm	
6	153-20001	1259 mm	6323 mm	7582 mm	
7	153-20003	1249 mm	7585 mm	8834 mm	
8	153-20008	1194 mm	8837 mm	10031 mm	
9	153-20000	1259 mm	10034 mm	11293 mm	
10	153-20003	1249 mm	11296 mm	12545 mm	
11	153-20008	1194 mm	12548 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

Bar 23 | UPN100 / S275JR | S48 | 15000 mm



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20001	1259 mm	13 mm	1272 mm	
2	153-20001	1259 mm	1275 mm	2534 mm	
3	153-20001	1259 mm	2537 mm	3796 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20004	1164 mm	3799 mm	4963 mm	
5	153-20001	1259 mm	4966 mm	6225 mm	
6	153-20001	1259 mm	6228 mm	7487 mm	
7	153-20001	1259 mm	7490 mm	8749 mm	
8	153-20000	1259 mm	8752 mm	10011 mm	
9	153-20001	1259 mm	10014 mm	11273 mm	
10	153-20001	1259 mm	11276 mm	12535 mm	
11	153-20001	1259 mm	12538 mm	13797 mm	
12	153-20008	1194 mm	13800 mm	14994 mm	

Bar 24 | UPN100 / S275JR | S48 | 15000 mm

153-20000	153-20001	153-20003	153-20000	153-20000	153-20001	153-20003	153-20003	153-20008	153-20008	153-20001	153-20001

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20001	1259 mm	1275 mm	2534 mm	
3	153-20003	1249 mm	2537 mm	3786 mm	
4	153-20000	1259 mm	3789 mm	5048 mm	
5	153-20000	1259 mm	5051 mm	6310 mm	
6	153-20001	1259 mm	6313 mm	7572 mm	
7	153-20003	1249 mm	7575 mm	8824 mm	
8	153-20003	1249 mm	8827 mm	10076 mm	
9	153-20008	1194 mm	10079 mm	11273 mm	
10	153-20008	1194 mm	11276 mm	12470 mm	
11	153-20001	1259 mm	12473 mm	13732 mm	
12	153-20001	1259 mm	13735 mm	14994 mm	

PLTNest

Bar 25 | UPN100 / S275JR | S48 | 15000 mm

153-20003	153-20001	153-20004	153-20102	153-20001	153-20000	153-20000	153-20102	153-20003	153-20001	153-20001	153-20102

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20003	1249 mm	13 mm	1262 mm	
2	153-20001	1259 mm	1265 mm	2524 mm	
3	153-20004	1164 mm	2527 mm	3691 mm	
4	153-20102	1244 mm	3694 mm	4938 mm	
5	153-20001	1259 mm	4941 mm	6200 mm	
6	153-20000	1259 mm	6203 mm	7462 mm	
7	153-20000	1259 mm	7465 mm	8724 mm	
8	153-20102	1244 mm	8727 mm	9971 mm	
9	153-20003	1249 mm	9974 mm	11223 mm	
10	153-20001	1259 mm	11226 mm	12485 mm	
11	153-20001	1259 mm	12488 mm	13747 mm	
12	153-20102	1244 mm	13750 mm	14994 mm	

Bar 26 | UPN100 / S275JR | S48 | 15000 mm

153-20001	153-20000	153-20003	153-20102	153-20003	153-20004	153-20003	153-20000	153-20001	153-20001	153-20003	153-20003

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20001	1259 mm	13 mm	1272 mm	
2	153-20000	1259 mm	1275 mm	2534 mm	
3	153-20003	1249 mm	2537 mm	3786 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20102	1244 mm	3789 mm	5033 mm	
5	153-20003	1249 mm	5036 mm	6285 mm	
6	153-20004	1164 mm	6288 mm	7452 mm	
7	153-20003	1249 mm	7455 mm	8704 mm	
8	153-20000	1259 mm	8707 mm	9966 mm	
9	153-20001	1259 mm	9969 mm	11228 mm	
10	153-20001	1259 mm	11231 mm	12490 mm	
11	153-20003	1249 mm	12493 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

Bar 27 | UPN100 / S275JR | S48 | 15000 mm

153-20102	153-20000	153-20001	153-20000	153-20003	153-20003	153-20001	153-20003	153-20001	153-20003	153-20004	153-20003

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20102	1244 mm	13 mm	1257 mm	
2	153-20000	1259 mm	1260 mm	2519 mm	
3	153-20001	1259 mm	2522 mm	3781 mm	
4	153-20000	1259 mm	3784 mm	5043 mm	
5	153-20003	1249 mm	5046 mm	6295 mm	
6	153-20003	1249 mm	6298 mm	7547 mm	
7	153-20001	1259 mm	7550 mm	8809 mm	
8	153-20003	1249 mm	8812 mm	10061 mm	
9	153-20001	1259 mm	10064 mm	11323 mm	
10	153-20003	1249 mm	11326 mm	12575 mm	
11	153-20004	1164 mm	12578 mm	13742 mm	
12	153-20003	1249 mm	13745 mm	14994 mm	

PLTNest

Bar 28 | UPN100 / S275JR | S48 | 15000 mm

153-20001	153-20102	153-20001	153-20003	153-20003	153-20003	153-20000	153-20000	153-20003	153-20001	153-20003	153-20004



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20001	1259 mm	13 mm	1272 mm	
2	153-20102	1244 mm	1275 mm	2519 mm	
3	153-20001	1259 mm	2522 mm	3781 mm	
4	153-20003	1249 mm	3784 mm	5033 mm	
5	153-20003	1249 mm	5036 mm	6285 mm	
6	153-20003	1249 mm	6288 mm	7537 mm	
7	153-20000	1259 mm	7540 mm	8799 mm	
8	153-20000	1259 mm	8802 mm	10061 mm	
9	153-20003	1249 mm	10064 mm	11313 mm	
10	153-20001	1259 mm	11316 mm	12575 mm	
11	153-20003	1249 mm	12578 mm	13827 mm	
12	153-20004	1164 mm	13830 mm	14994 mm	

Bar 29 | UPN100 / S275JR | S48 | 15000 mm

153-20003	153-20001	153-20001	153-20000	153-20001	153-20008	153-20003	153-20001	153-20001	153-20001	153-20003	153-20008



Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20003	1249 mm	13 mm	1262 mm	
2	153-20001	1259 mm	1265 mm	2524 mm	
3	153-20001	1259 mm	2527 mm	3786 mm	

PLTNest

Seq	Part mark	Length	Start	End	Mitre
4	153-20000	1259 mm	3789 mm	5048 mm	
5	153-20001	1259 mm	5051 mm	6310 mm	
6	153-20008	1194 mm	6313 mm	7507 mm	
7	153-20003	1249 mm	7510 mm	8759 mm	
8	153-20001	1259 mm	8762 mm	10021 mm	
9	153-20001	1259 mm	10024 mm	11283 mm	
10	153-20001	1259 mm	11286 mm	12545 mm	
11	153-20003	1249 mm	12548 mm	13797 mm	
12	153-20008	1194 mm	13800 mm	14994 mm	

Bar 30 | UPN100 / S275JR | S48 | 15000 mm

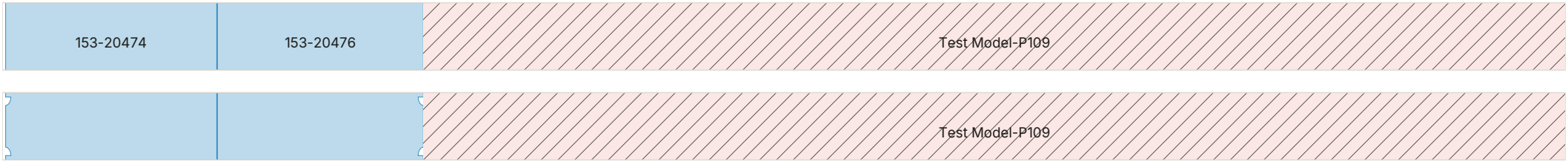
153-20000	153-20000	153-20001	153-20003	153-20000	153-20000	153-20003	153-20008	153-20000	153-20008	153-20003	153-20000

Leftover 3 mm | Cuts 12

Seq	Part mark	Length	Start	End	Mitre
1	153-20000	1259 mm	13 mm	1272 mm	
2	153-20000	1259 mm	1275 mm	2534 mm	
3	153-20001	1259 mm	2537 mm	3796 mm	
4	153-20003	1249 mm	3799 mm	5048 mm	
5	153-20000	1259 mm	5051 mm	6310 mm	
6	153-20000	1259 mm	6313 mm	7572 mm	
7	153-20003	1249 mm	7575 mm	8824 mm	
8	153-20008	1194 mm	8827 mm	10021 mm	
9	153-20000	1259 mm	10024 mm	11283 mm	
10	153-20008	1194 mm	11286 mm	12480 mm	
11	153-20003	1249 mm	12483 mm	13732 mm	
12	153-20000	1259 mm	13735 mm	14994 mm	

PLTNest

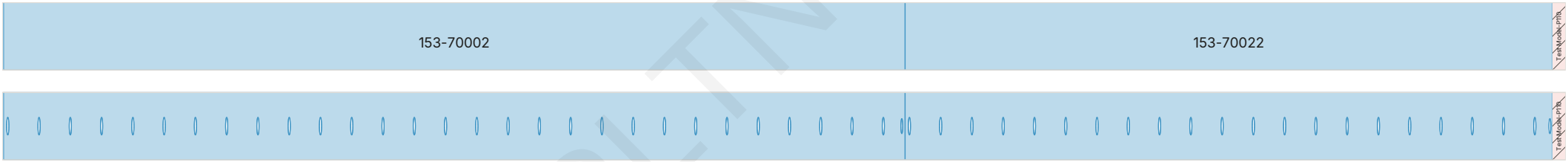
Bar 1 | UPN160 / S275JR | S5 | 6000 mm



Leftover 4368 mm (Test Model-P109) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-20474	810 mm	13 mm	823 mm	
2	153-20476	790 mm	826 mm	1616 mm	
R	Test Model-P109	4368 mm	1632 mm	6000 mm	Remnant

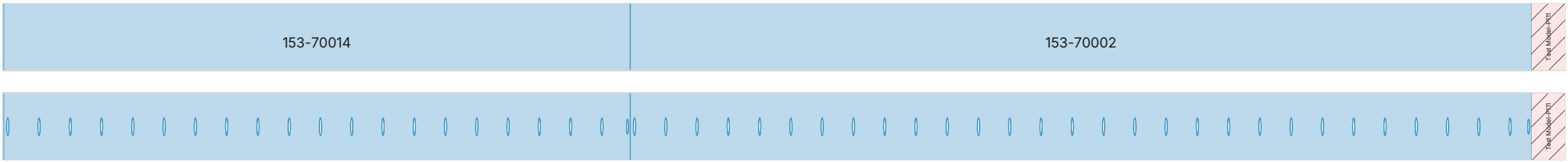
Bar 1 | UPN80 / S275JR | S23 | 15000 mm



Leftover 110.8 mm (Test Model-P110) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-70002	8647.1 mm	13 mm	8660.1 mm	
2	153-70022	6210.1 mm	8663.1 mm	14873.2 mm	
R	Test Model-P110	110.8 mm	14889.2 mm	15000 mm	Remnant

Bar 2 | UPN80 / S275JR | S23 | 15000 mm

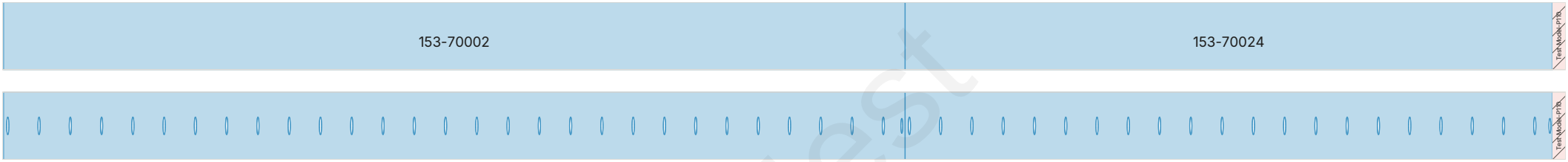


PLTNest

Leftover 310.8 mm (Test Model-P111) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-70014	6010.1 mm	13 mm	6023.1 mm	
2	153-70002	8647.1 mm	6026.1 mm	14673.2 mm	
R	Test Model-P111	310.8 mm	14689.2 mm	15000 mm	Remnant

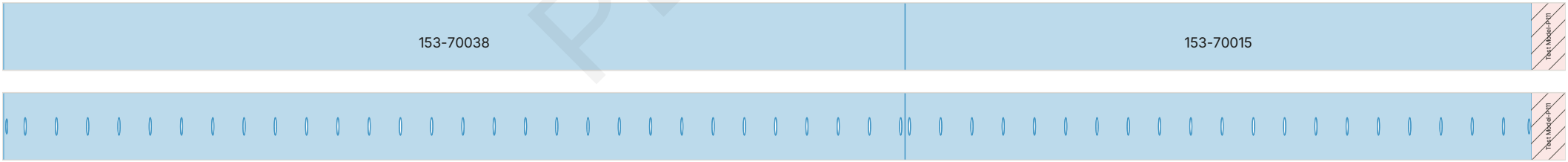
Bar 3 | UPN80 / S275JR | S23 | 15000 mm



Leftover 110.8 mm (Test Model-P110) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-70002	8647.1 mm	13 mm	8660.1 mm	
2	153-70024	6210.1 mm	8663.1 mm	14873.2 mm	
R	Test Model-P110	110.8 mm	14889.2 mm	15000 mm	Remnant

Bar 4 | UPN80 / S275JR | S23 | 15000 mm



Leftover 310.8 mm (Test Model-P111) | Cuts 2

Seq	Part mark	Length	Start	End	Mitre
1	153-70038	8647.1 mm	13 mm	8660.1 mm	
2	153-70015	6010.1 mm	8663.1 mm	14673.2 mm	
R	Test Model-P111	310.8 mm	14689.2 mm	15000 mm	Remnant

PL Nest

Bar 5 | UPN80 / S275JR | S22 | 12000 mm



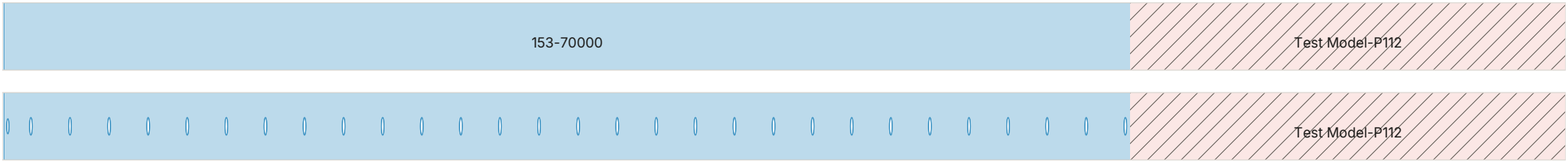


Leftover 3323.9 mm (Test Model-P112) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-70000	8647.1 mm	13 mm	8660.1 mm	
R	Test Model-P112	3323.9 mm	8676.1 mm	12000 mm	Remnant

PLTNest

Bar 6 | UPN80 / S275JR | S22 | 12000 mm



Leftover 3323.9 mm (Test Model-P112) | Cuts 1

Seq	Part mark	Length	Start	End	Mitre
1	153-70000	8647.1 mm	13 mm	8660.1 mm	
R	Test Model-P112	3323.9 mm	8676.1 mm	12000 mm	Remnant

PLTNest

Remnants

Bar	Remnant	Length	Credited	Cut loss
1/2IPE240 / S355JR / 1	Test Model-P1	2206.3 mm	0 mm	0 mm
1/2IPE360 / S355JR / 1	Test Model-P2	2800.9 mm	0 mm	0 mm
1/2IPE360 / S355JR / 2	Test Model-P3	2136.4 mm	0 mm	0 mm
1/2IPE360 / S355JR / 3	Test Model-P4	2622 mm	0 mm	0 mm
1/2IPE360 / S355JR / 4	Test Model-P5	2906.2 mm	0 mm	0 mm
1/2IPE360 / S355JR / 5	Test Model-P6	2402.5 mm	0 mm	0 mm
1/2IPE360 / S355JR / 6	Test Model-P7	2467.2 mm	0 mm	0 mm
1/2IPE360 / S355JR / 7	Test Model-P8	2636.1 mm	0 mm	0 mm
1/2IPE360 / S355JR / 8	Test Model-P9	2212.3 mm	0 mm	0 mm
1/2IPE360 / S355JR / 9	Test Model-P4	2622 mm	0 mm	0 mm
1/2IPE360 / S355JR / 11	Test Model-P10	113.7 mm	0 mm	0 mm
D16 / S275JR / 1	Test Model-P11	4653.2 mm	0 mm	0 mm
D3 / S275JR / 1	Test Model-P12	5752 mm	0 mm	0 mm
HEA160 / S355JR / 1	Test Model-P13	1594.4 mm	0 mm	0 mm
HEA160 / S355JR / 2	Test Model-P14	3389.2 mm	0 mm	0 mm
HEA160 / S355JR / 3	Test Model-P15	237.4 mm	0 mm	0 mm
HEA180 / S355JR / 2	Test Model-P16	359 mm	0 mm	0 mm
HEA180 / S355JR / 3	Test Model-P17	120.5 mm	0 mm	0 mm
HEA180 / S355JR / 4	Test Model-P18	517 mm	0 mm	0 mm
HEA180 / S355JR / 5	Test Model-P17	120.5 mm	0 mm	0 mm
HEA180 / S355JR / 6	Test Model-P19	363 mm	0 mm	0 mm
HEA180 / S355JR / 7	Test Model-P20	1453 mm	0 mm	0 mm
HEA180 / S355JR / 8	Test Model-P21	1832 mm	0 mm	0 mm
HEA180 / S355JR / 9	Test Model-P22	329 mm	0 mm	0 mm
HEA180 / S355JR / 11	Test Model-P23	1023 mm	0 mm	0 mm
HEA180 / S355JR / 12	Test Model-P24	1731 mm	0 mm	0 mm
HEA180 / S355JR / 13	Test Model-P24	1731 mm	0 mm	0 mm
HEA180 / S355JR / 15	Test Model-P25	1452 mm	0 mm	0 mm
HEA180 / S355JR / 16	Test Model-P26	2111 mm	0 mm	0 mm
HEA180 / S355JR / 17	Test Model-P27	2115 mm	0 mm	0 mm
HEA200 / ZERO_DENSITY / 1	Test Model-P28	9208 mm	0 mm	0 mm
HEA240 / DUMMY / 1	Test Model-P29	8968 mm	0 mm	0 mm
HEA240 / S355JR / 28	Test Model-P30	1956 mm	0 mm	0 mm
HEA240 / S355JR / 30	Test Model-P31	137.5 mm	0 mm	0 mm
HEA240 / S355JR / 34	Test Model-P31	137.5 mm	0 mm	0 mm
HEA240 / S355JR / 35	Test Model-P32	1884 mm	0 mm	0 mm
HEA240 / S355JR / 36	Test Model-P33	136.6 mm	0 mm	0 mm
HEA240 / S355JR / 37	Test Model-P31	137.5 mm	0 mm	0 mm
HEA240 / S355JR / 38	Test Model-P34	2220 mm	0 mm	0 mm
HEA240 / S355JR / 40	Test Model-P35	1944 mm	0 mm	0 mm
HEA240 / S355JR / 41	Test Model-P34	2220 mm	0 mm	0 mm
HEA240 / S355JR / 42	Test Model-P36	180.5 mm	0 mm	0 mm
HEA240 / S355JR / 43	Test Model-P37	1705 mm	0 mm	0 mm
HEA240 / S355JR / 44	Test Model-P38	1657 mm	0 mm	0 mm
HEA240 / S355JR / 45	Test Model-P39	1921 mm	0 mm	0 mm
HEA240 / S355JR / 46	Test Model-P40	1866 mm	0 mm	0 mm
HEA240 / S355JR / 47	Test Model-P34	2220 mm	0 mm	0 mm
HEA240 / S355JR / 49	Test Model-P34	2220 mm	0 mm	0 mm
HEA240 / S355JR / 50	Test Model-P41	1680 mm	0 mm	0 mm
HEA240 / S355JR / 52	Test Model-P39	1921 mm	0 mm	0 mm

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Bar	Remnant	Length	Credited	Cut loss
HEA240 / S355JR / 54	Test Model-P42	1645 mm	0 mm	0 mm
HEA240 / S355JR / 55	Test Model-P43	2356 mm	0 mm	0 mm
HEA240 / S355JR / 56	Test Model-P44	595.2 mm	0 mm	0 mm
HEA240 / S355JR / 58	Test Model-P31	137.5 mm	0 mm	0 mm
HEA240 / S355JR / 60	Test Model-P35	1944 mm	0 mm	0 mm
HEA240 / S355JR / 61	Test Model-P45	889.2 mm	0 mm	0 mm
HEA240 / S355JR / 62	Test Model-P35	1944 mm	0 mm	0 mm
HEA240 / S355JR / 63	Test Model-P34	2220 mm	0 mm	0 mm
HEA240 / S355JR / 64	Test Model-P46	1668 mm	0 mm	0 mm
HEA300 / S355JR / 2	Test Model-P47	1943 mm	0 mm	0 mm
HEA300 / S355JR / 3	Test Model-P48	2218 mm	0 mm	0 mm
HEA300 / S355JR / 4	Test Model-P49	191.5 mm	0 mm	0 mm
HEA300 / S355JR / 5	Test Model-P48	2218 mm	0 mm	0 mm
HEA300 / S355JR / 6	Test Model-P50	668 mm	0 mm	0 mm
HEA300 / S355JR / 7	Test Model-P51	1668 mm	0 mm	0 mm
HEA300 / S355JR / 8	Test Model-P51	1668 mm	0 mm	0 mm
HEA300 / S355JR / 9	Test Model-P51	1668 mm	0 mm	0 mm
HEA300 / S355JR / 11	Test Model-P52	2279 mm	0 mm	0 mm
HEA300 / S355JR / 12	Test Model-P47	1943 mm	0 mm	0 mm
HEA300 / S355JR / 13	Test Model-P51	1668 mm	0 mm	0 mm
HEA340 / S355JR / 2	Test Model-P53	1515.4 mm	0 mm	0 mm
HEA400 / S355JR / 1	Test Model-P54	191.3 mm	0 mm	0 mm
HEA400 / S355JR / 2	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 3	Test Model-P56	111.9 mm	0 mm	0 mm
HEA400 / S355JR / 4	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 5	Test Model-P57	518 mm	0 mm	0 mm
HEA400 / S355JR / 6	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 7	Test Model-P58	1922.4 mm	0 mm	0 mm
HEA400 / S355JR / 8	Test Model-P59	523 mm	0 mm	0 mm
HEA400 / S355JR / 9	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 10	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 11	Test Model-P60	208 mm	0 mm	0 mm
HEA400 / S355JR / 12	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 13	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 14	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 15	Test Model-P57	518 mm	0 mm	0 mm
HEA400 / S355JR / 16	Test Model-P61	213 mm	0 mm	0 mm
HEA400 / S355JR / 17	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 18	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 19	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 20	Test Model-P56	111.9 mm	0 mm	0 mm
HEA400 / S355JR / 21	Test Model-P62	493 mm	0 mm	0 mm
HEA400 / S355JR / 22	Test Model-P57	518 mm	0 mm	0 mm
HEA400 / S355JR / 23	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 24	Test Model-P59	523 mm	0 mm	0 mm
HEA400 / S355JR / 25	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 26	Test Model-P55	513 mm	0 mm	0 mm
HEA400 / S355JR / 27	Test Model-P55	513 mm	0 mm	0 mm
HEA500 / S355JR / 1	Test Model-P63	260.5 mm	0 mm	0 mm
HEA500 / S355JR / 2	Test Model-P64	148.5 mm	0 mm	0 mm
HEA500 / S355JR / 3	Test Model-P65	147 mm	0 mm	0 mm
HEA500 / S355JR / 4	Test Model-P66	115.5 mm	0 mm	0 mm

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Bar	Remnant	Length	Credited	Cut loss
HEA500 / S355JR / 5	Test Model-P64	148.5 mm	0 mm	0 mm
HEA500 / S355JR / 6	Test Model-P67	290 mm	0 mm	0 mm
HEA500 / S355JR / 7	Test Model-P68	110.5 mm	0 mm	0 mm
HEA500 / S355JR / 8	Test Model-P69	300 mm	0 mm	0 mm
HEA500 / S355JR / 9	Test Model-P70	219 mm	0 mm	0 mm
HEA500 / S355JR / 10	Test Model-P71	2419 mm	0 mm	0 mm
HEA500 / S355JR / 11	Test Model-P71	2419 mm	0 mm	0 mm
HEA500 / S355JR / 12	Test Model-P71	2419 mm	0 mm	0 mm
HEA500 / S355JR / 13	Test Model-P67	290 mm	0 mm	0 mm
HEA500 / S355JR / 14	Test Model-P72	3119 mm	0 mm	0 mm
HEA500 / S355JR / 15	Test Model-P73	449 mm	0 mm	0 mm
HEA500 / S355JR / 16	Test Model-P74	433 mm	0 mm	0 mm
HEA500 / S355JR / 17	Test Model-P75	330.5 mm	0 mm	0 mm
HEA500 / S355JR / 18	Test Model-P71	2419 mm	0 mm	0 mm
HEA500 / S355JR / 19	Test Model-P67	290 mm	0 mm	0 mm
HEA500 / S355JR / 20	Test Model-P71	2419 mm	0 mm	0 mm
HEA500 / S355JR / 21	Test Model-P76	606 mm	0 mm	0 mm
HEA500 / S355JR / 22	Test Model-P71	2419 mm	0 mm	0 mm
HEA600 / S355JR / 1	Test Model-P77	715.7 mm	0 mm	0 mm
HEA600 / S355JR / 2	Test Model-P78	523 mm	0 mm	0 mm
HEA600 / S355JR / 3	Test Model-P79	1296.2 mm	0 mm	0 mm
HEA600 / S355JR / 4	Test Model-P78	523 mm	0 mm	0 mm
HEA600 / S355JR / 5	Test Model-P78	523 mm	0 mm	0 mm
HEB240 / S355JR / 1	Test Model-P80	486.6 mm	0 mm	0 mm
HEB240 / S355JR / 2	Test Model-P81	5147 mm	0 mm	0 mm
HEB240 / ZERO_DENSITY / 1	Test Model-P82	10594 mm	0 mm	0 mm
HEB340 / S355JR / 1	Test Model-P83	1338 mm	0 mm	0 mm
HEB340 / S355JR / 2	Test Model-P84	724 mm	0 mm	0 mm
HEB340 / S355JR / 3	Test Model-P85	2774 mm	0 mm	0 mm
HEB340 / S355JR / 4	Test Model-P84	724 mm	0 mm	0 mm
HEB340 / S355JR / 5	Test Model-P84	724 mm	0 mm	0 mm
HEB400 / S355JR / 1	Test Model-P86	1791 mm	0 mm	0 mm
HEB400 / S355JR / 2	Test Model-P87	724 mm	0 mm	0 mm
HEB400 / S355JR / 3	Test Model-P88	1655 mm	0 mm	0 mm
HEB400 / S355JR / 4	Test Model-P87	724 mm	0 mm	0 mm
HEB400 / S355JR / 5	Test Model-P87	724 mm	0 mm	0 mm
HEB500 / S355JR / 1	Test Model-P89	3119 mm	0 mm	0 mm
HEB500 / S355JR / 2	Test Model-P90	2419 mm	0 mm	0 mm
HEB500 / S355JR / 3	Test Model-P89	3119 mm	0 mm	0 mm
HEB500 / S355JR / 4	Test Model-P89	3119 mm	0 mm	0 mm
HEB500 / S355JR / 5	Test Model-P90	2419 mm	0 mm	0 mm
HEB500 / S355JR / 6	Test Model-P90	2419 mm	0 mm	0 mm
HEB500 / S355JR / 7	Test Model-P91	219 mm	0 mm	0 mm
HEB500 / S355JR / 8	Test Model-P90	2419 mm	0 mm	0 mm
IPE180 / S355JR / 1	Test Model-P92	1042.9 mm	0 mm	0 mm
IPE240 / ZERO_DENSITY / 1	Test Model-P93	10591 mm	0 mm	0 mm
IPE360 / S355JR / 1	Test Model-P94	109 mm	0 mm	0 mm
IPE360 / S355JR / 3	Test Model-P95	215 mm	0 mm	0 mm
IPE360 / S355JR / 4	Test Model-P96	183 mm	0 mm	0 mm
L150*10 / S275JR / 1	Test Model-P97	3943.5 mm	0 mm	0 mm
L50*6 / S275JR / 1	Test Model-P98	5398 mm	0 mm	0 mm

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Bar	Remnant	Length	Credited	Cut loss
L70*7 / S275JR / 1	Test Model-P99	1766 mm	0 mm	0 mm
L80*8 / S275JR / 1	Test Model-P100	412.6 mm	0 mm	0 mm
L80*8 / S275JR / 3	Test Model-P101	3346.6 mm	0 mm	0 mm
L90*9 / S275JR / 1	Test Model-P102	5544 mm	0 mm	0 mm
PIPE1-1/2SCH40 / A53-GR.B / 58	Test Model-P103	821.3 mm	0 mm	0 mm
ROD20 / S275JR / 1	Test Model-P104	451 mm	0 mm	0 mm
ROD20 / S275JR / 2	Test Model-P105	445 mm	0 mm	0 mm
ROD20 / S275JR / 3	Test Model-P105	445 mm	0 mm	0 mm
ROD20 / S275JR / 4	Test Model-P105	445 mm	0 mm	0 mm
ROD20 / S275JR / 5	Test Model-P106	2956 mm	0 mm	0 mm
UPN100 / S275JR / 2	Test Model-P107	831 mm	0 mm	0 mm
UPN100 / S275JR / 9	Test Model-P108	686 mm	0 mm	0 mm
UPN160 / S275JR / 1	Test Model-P109	4368 mm	0 mm	0 mm
UPN80 / S275JR / 1	Test Model-P110	110.8 mm	0 mm	0 mm
UPN80 / S275JR / 2	Test Model-P111	310.8 mm	0 mm	0 mm
UPN80 / S275JR / 3	Test Model-P110	110.8 mm	0 mm	0 mm
UPN80 / S275JR / 4	Test Model-P111	310.8 mm	0 mm	0 mm
UPN80 / S275JR / 5	Test Model-P112	3323.9 mm	0 mm	0 mm
UPN80 / S275JR / 6	Test Model-P112	3323.9 mm	0 mm	0 mm

Unplaced parts

Every part is placed.

Basis

Kerf	3 mm
Start / end trim	10 mm / 10 mm
Grip loss	0 mm
Part spacing	0 mm
Sheet margin	0 mm
Waste	15495.4 mm

Geometry exchange file. Verify with CAM before cutting.

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