



Engineered Solutions. Trusted Results.

135 Series

Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	7-1	7 7/8	3.0	5.0
135	7-2	7 7/8	5.0	7.0
135	7-3	7 7/8	7.0	8.0
135	7-4	7 7/8	8.0	9.0
135	7-9	7 7/8	9.0	10.0
135	8-1	8 7/8	3.0	5.0
135	8-2	8 7/8	5.0	7.0
135	8-3	8 7/8	7.0	8.0
135	8-4	8 7/8	8.0	9.0
135	8-5	8 7/8	9.0	11.0
135	8-9	8 7/8	11.0	12.0
135	9-1	9 7/8	3.0	5.0
135	9-2	9 7/8	5.0	7.0
135	9-3	9 7/8	7.0	9.0
135	9-4	9 7/8	9.0	12.0
135	9-9	9 7/8	12.0	14.0
135	10-0	10 7/8	2.0	3.0
135	10-1	10 7/8	3.0	5.0
135	10-2	10 7/8	5.0	8.0
135	10-3	10 7/8	8.0	10.0
135	10-4	10 7/8	10.0	13.0
135	10-5	10 7/8	13.0	15.0
135	10-9	10 7/8	15.0	18.0
135	11-1	11 7/8	3.0	5.0
135	11-2	11 7/8	5.0	8.0
135	11-3	11 7/8	8.0	10.0
135	11-4	11 7/8	10.0	12.0
135	11-5	11 7/8	12.0	15.0
135	11-9	11 7/8	15.0	18.0
135	12-1	12 7/8	3.0	6.0
135	12-2	12 7/8	6.0	9.0
135	12-3	12 7/8	9.0	11.0
135	12-4	12 7/8	11.0	12.0
135	12-5	12 7/8	12.0	15.0
135	12-6	12 7/8	15.0	18.0
135	12-9	12 7/8	18.0	21.0
135	13-1	13 7/8	3.0	6.0
135	13-2	13 7/8	6.0	9.0
135	13-3	13 7/8	9.0	11.0
135	13-4	13 7/8	11.0	12.0
135	13-5	13 7/8	12.0	16.0
135	13-6	13 7/8	16.0	19.0
135	13-9	13 7/8	19.0	22.0
135	14-1	14 7/8	4.0	6.0
135	14-2	14 7/8	6.0	9.0



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Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	14-3	14 7/8	9.0	11.0
135	14-4	14 7/8	11.0	12.0
135	14-5	14 7/8	12.0	17.0
135	14-6	14 7/8	17.0	22.0
135	14-9	14 7/8	22.0	25.0
135	15-1	15 7/8	4.0	6.0
135	15-2	15 7/8	6.0	8.0
135	15-3	15 7/8	8.0	11.0
135	15-4	15 7/8	11.0	12.0
135	15-5	15 7/8	12.0	16.0
135	15-6	15 7/8	16.0	21.0
135	15-9	15 7/8	21.0	23.0
135	16-1	16 7/8	4.0	7.0
135	16-2	16 7/8	7.0	11.0
135	16-3	16 7/8	11.0	13.0
135	16-4	16 7/8	13.0	18.0
135	16-5	16 7/8	18.0	22.0
135	16-6	16 7/8	22.0	23.0
135	16-9	16 7/8	23.0	25.0
135	16-11	16 7/8	25.0	26.0
135	16-12	16 7/8	26.0	29.0
135	16-13	16 7/8	29.0	32.0
135	17-1	17 7/8	4.0	7.0
135	17-2	17 7/8	7.0	11.0
135	17-3	17 7/8	11.0	13.0
135	17-4	17 7/8	13.0	15.0
135	17-5	17 7/8	15.0	19.0
135	17-6	17 7/8	19.0	21.0
135	17-9	17 7/8	21.0	25.0
135	18-1	18 7/8	4.0	7.0
135	18-2	18 7/8	7.0	11.0
135	18-3	18 7/8	11.0	13.0
135	18-4	18 7/8	13.0	16.0
135	18-5	18 7/8	16.0	23.0
135	18-6	18 7/8	23.0	26.0
135	18-9	18 7/8	26.0	29.0
135	18-12	18 7/8	29.0	32.0
135	18-13	18 7/8	32.0	34.0
135	18-14	18 7/8	34.0	37.0
135	18-15	18 7/8	37.0	40.0
135	19-1	19 7/8	4.0	7.0
135	19-2	19 7/8	7.0	11.0
135	19-3	19 7/8	11.0	15.0
135	19-4	19 7/8	15.0	16.0
135	19-5	19 7/8	16.0	20.0
135	19-6	19 7/8	20.0	25.0



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Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	19-9	19 7/8	25.0	29.0
135	20-1	20 7/8	4.0	7.0
135	20-2	20 7/8	7.0	11.0
135	20-3	20 7/8	11.0	14.0
135	20-4	20 7/8	14.0	22.0
135	20-5	20 7/8	22.0	25.0
135	20-6	20 7/8	25.0	28.0
135	20-9	20 7/8	28.0	31.0
135	20-12	20 7/8	31.0	33.0
135	20-13	20 7/8	33.0	36.0
135	20-14	20 7/8	36.0	39.0
135	20-15	20 7/8	39.0	42.0
135	21-1	21 7/8	4.0	7.0
135	21-2	21 7/8	7.0	11.0
135	21-3	21 7/8	11.0	14.0
135	21-4	21 7/8	14.0	22.0
135	21-5	21 7/8	22.0	25.0
135	21-9	21 7/8	25.0	29.0
135	22-1	22 7/8	4.0	7.0
135	22-2	22 7/8	7.0	11.0
135	22-3	22 7/8	11.0	18.0
135	22-4	22 7/8	18.0	22.0
135	22-5	22 7/8	22.0	26.0
135	22-6	22 7/8	26.0	27.0
135	22-9	22 7/8	27.0	29.0
135	22-11	22 7/8	29.0	30.0
135	22-12	22 7/8	30.0	33.0
135	22-13	22 7/8	33.0	36.0
135	22-14	22 7/8	36.0	39.0
135	22-15	22 7/8	39.0	43.0
135	23-1	23 7/8	4.0	8.0
135	23-2	23 7/8	8.0	14.0
135	23-3	23 7/8	14.0	17.0
135	23-4	23 7/8	17.0	21.0
135	23-5	23 7/8	21.0	26.0
135	23-9	23 7/8	26.0	29.0
135	24-1	24 7/8	4.0	8.0
135	24-2	24 7/8	8.0	14.0
135	24-3	24 7/8	14.0	18.0
135	24-4	24 7/8	18.0	23.0
135	24-5	24 7/8	23.0	27.0
135	24-6	24 7/8	27.0	30.0
135	24-9	24 7/8	30.0	33.0
135	24-11	24 7/8	33.0	35.0
135	24-12	24 7/8	35.0	38.0
135	24-13	24 7/8	38.0	41.0



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Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	24-14	24 7/8	41.0	44.0
135	24-15	24 7/8	44.0	46.0
135	25-1	25 7/8	4.0	8.0
135	25-2	25 7/8	8.0	14.0
135	25-3	25 7/8	14.0	18.0
135	25-4	25 7/8	18.0	24.0
135	25-5	25 7/8	24.0	27.0
135	25-6	25 7/8	27.0	30.0
135	25-9	25 7/8	30.0	33.0
135	26-1	26 7/8	4.0	8.0
135	26-2	26 7/8	8.0	12.0
135	26-3	26 7/8	12.0	18.0
135	26-4	26 7/8	18.0	25.0
135	26-5	26 7/8	25.0	28.0
135	26-6	26 7/8	28.0	31.0
135	26-9	26 7/8	31.0	33.0
135	26-11	26 7/8	33.0	35.0
135	26-12	26 7/8	35.0	38.0
135	26-13	26 7/8	38.0	41.0
135	26-14	26 7/8	41.0	44.0
135	26-15	26 7/8	44.0	46.0
135	26-16	26 7/8	46.0	49.0
135	27-1	27 7/8	4.0	8.0
135	27-2	27 7/8	8.0	12.0
135	27-3	27 7/8	12.0	18.0
135	27-4	27 7/8	18.0	25.0
135	27-5	27 7/8	25.0	28.0
135	27-6	27 7/8	28.0	31.0
135	27-9	27 7/8	31.0	33.0
135	28-1	28 7/8	6.0	11.0
135	28-2	28 7/8	11.0	15.0
135	28-3	28 7/8	15.0	22.0
135	28-4	28 7/8	22.0	27.0
135	28-5	28 7/8	27.0	31.0
135	28-6	28 7/8	31.0	34.0
135	28-9	28 7/8	34.0	36.0
135	28-11	28 7/8	36.0	37.0
135	28-12	28 7/8	37.0	40.0
135	28-13	28 7/8	40.0	42.0
135	28-14	28 7/8	42.0	44.0
135	28-15	28 7/8	44.0	46.0
135	28-16	28 7/8	46.0	49.0
135	28-17	28 7/8	49.0	52.0
135	29-1	29 7/8	6.0	11.0
135	29-2	29 7/8	11.0	15.0
135	29-3	29 7/8	15.0	22.0



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Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	29-4	29 7/8	22.0	27.0
135	29-5	29 7/8	27.0	30.0
135	29-6	29 7/8	30.0	33.0
135	29-9	29 7/8	33.0	36.0
135	30-1	30 7/8	6.0	11.0
135	30-2	30 7/8	11.0	15.0
135	30-3	30 7/8	15.0	22.0
135	30-4	30 7/8	22.0	27.0
135	30-5	30 7/8	27.0	30.0
135	30-6	30 7/8	30.0	33.0
135	30-9	30 7/8	33.0	36.0
135	30-11	30 7/8	36.0	37.0
135	30-12	30 7/8	37.0	40.0
135	30-13	30 7/8	40.0	42.0
135	30-14	30 7/8	42.0	44.0
135	30-15	30 7/8	44.0	46.0
135	30-16	30 7/8	46.0	49.0
135	30-17	30 7/8	49.0	52.0
135	31-1	31 7/8	7.0	12.0
135	31-2	31 7/8	12.0	15.0
135	31-3	31 7/8	15.0	22.0
135	31-4	31 7/8	22.0	27.0
135	31-5	31 7/8	27.0	30.0
135	31-6	31 7/8	30.0	33.0
135	31-9	31 7/8	33.0	36.0
135	32-1	32 7/8	7.0	12.0
135	32-2	32 7/8	12.0	17.0
135	32-3	32 7/8	17.0	22.0
135	32-4	32 7/8	22.0	27.0
135	32-5	32 7/8	27.0	30.0
135	32-6	32 7/8	30.0	31.0
135	32-9	32 7/8	31.0	36.0
135	32-11	32 7/8	36.0	37.0
135	32-12	32 7/8	37.0	40.0
135	32-13	32 7/8	40.0	42.0
135	32-14	32 7/8	42.0	44.0
135	32-15	32 7/8	44.0	47.0
135	32-16	32 7/8	47.0	49.0
135	32-17	32 7/8	49.0	52.0
135	33-1	33 7/8	7.0	12.0
135	33-2	33 7/8	12.0	17.0
135	33-3	33 7/8	17.0	22.0
135	33-4	33 7/8	22.0	27.0
135	33-5	33 7/8	27.0	30.0
135	33-6	33 7/8	30.0	31.0
135	33-9	33 7/8	31.0	36.0



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Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	34-1	34 7/8	7.0	12.0
135	34-2	34 7/8	12.0	17.0
135	34-3	34 7/8	17.0	22.0
135	34-4	34 7/8	22.0	28.0
135	34-5	34 7/8	28.0	32.0
135	34-6	34 7/8	32.0	33.0
135	34-9	34 7/8	33.0	36.0
135	34-11	34 7/8	36.0	37.0
135	34-12	34 7/8	37.0	40.0
135	34-13	34 7/8	40.0	42.0
135	34-14	34 7/8	42.0	44.0
135	34-15	34 7/8	44.0	47.0
135	34-16	34 7/8	47.0	50.0
135	34-17	34 7/8	50.0	53.0
135	35-1	35 7/8	7.0	12.0
135	35-2	35 7/8	12.0	17.0
135	35-3	35 7/8	17.0	21.0
135	35-4	35 7/8	21.0	28.0
135	35-5	35 7/8	28.0	33.0
135	35-9	35 7/8	33.0	36.0
135	36-1	36 7/8	7.0	12.0
135	36-2	36 7/8	12.0	16.0
135	36-3	36 7/8	16.0	21.0
135	36-4	36 7/8	21.0	28.0
135	36-5	36 7/8	28.0	33.0
135	36-6	36 7/8	33.0	35.0
135	36-9	36 7/8	35.0	38.0
135	36-12	36 7/8	38.0	42.0
135	36-13	36 7/8	42.0	44.0
135	36-14	36 7/8	44.0	47.0
135	36-15	36 7/8	47.0	50.0
135	36-16	36 7/8	50.0	53.0
135	37-1	37 7/8	7.0	12.0
135	37-2	37 7/8	12.0	16.0
135	37-3	37 7/8	16.0	21.0
135	37-4	37 7/8	21.0	30.0
135	37-5	37 7/8	30.0	34.0
135	37-9	37 7/8	34.0	38.0
135	38-1	38 7/8	7.0	12.0
135	38-2	38 7/8	12.0	17.0
135	38-3	38 7/8	17.0	22.0
135	38-4	38 7/8	22.0	28.0
135	38-5	38 7/8	28.0	34.0
135	38-9	38 7/8	34.0	38.0
135	38-12	38 7/8	38.0	42.0
135	38-13	38 7/8	42.0	44.0



Engineered Solutions. Trusted Results.

Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	38-14	38 7/8	44.0	47.0
135	38-15	38 7/8	47.0	50.0
135	38-16	38 7/8	50.0	53.0
135	39-1	39 7/8	7.0	12.0
135	39-2	39 7/8	12.0	17.0
135	39-3	39 7/8	17.0	22.0
135	39-4	39 7/8	22.0	28.0
135	39-5	39 7/8	28.0	34.0
135	39-9	39 7/8	34.0	38.0
135	40-1	40 7/8	7.0	12.0
135	40-2	40 7/8	12.0	17.0
135	40-3	40 7/8	17.0	21.0
135	40-4	40 7/8	21.0	28.0
135	40-5	40 7/8	28.0	34.0
135	40-9	40 7/8	34.0	40.0
135	40-12	40 7/8	40.0	44.0
135	40-13	40 7/8	44.0	47.0
135	40-14	40 7/8	47.0	50.0
135	40-15	40 7/8	50.0	53.0
135	41-1	41 7/8	7.0	12.0
135	41-2	41 7/8	12.0	17.0
135	41-3	41 7/8	17.0	22.0
135	41-4	41 7/8	22.0	28.0
135	41-5	41 7/8	28.0	34.0
135	41-9	41 7/8	34.0	41.0
135	42-1	42 7/8	7.0	12.0
135	42-2	42 7/8	12.0	17.0
135	42-3	42 7/8	17.0	22.0
135	42-4	42 7/8	22.0	28.0
135	42-5	42 7/8	28.0	34.0
135	42-9	42 7/8	34.0	40.0
135	42-12	42 7/8	40.0	44.0
135	42-13	42 7/8	44.0	47.0
135	42-14	42 7/8	47.0	50.0
135	42-15	42 7/8	50.0	53.0
135	43-1	43 7/8	7.0	12.0
135	43-2	43 7/8	12.0	17.0
135	43-3	43 7/8	17.0	22.0
135	43-4	43 7/8	22.0	28.0
135	43-5	43 7/8	28.0	34.0
135	43-9	43 7/8	34.0	40.0
135	44-1	44 7/8	7.0	12.0
135	44-2	44 7/8	12.0	17.0
135	44-3	44 7/8	17.0	22.0
135	44-4	44 7/8	22.0	28.0
135	44-5	44 7/8	28.0	35.0



Engineered Solutions. Trusted Results.

Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	44-9	44 7/8	35.0	40.0
135	44-12	44 7/8	40.0	44.0
135	44-13	44 7/8	44.0	47.0
135	44-14	44 7/8	47.0	50.0
135	44-15	44 7/8	50.0	53.0
135	45-1	45 7/8	7.0	12.0
135	45-2	45 7/8	12.0	17.0
135	45-3	45 7/8	17.0	22.0
135	45-4	45 7/8	22.0	28.0
135	45-5	45 7/8	28.0	35.0
135	45-9	45 7/8	35.0	40.0
135	46-1	46 7/8	7.0	12.0
135	46-2	46 7/8	12.0	17.0
135	46-3	46 7/8	17.0	22.0
135	46-4	46 7/8	22.0	28.0
135	46-5	46 7/8	28.0	35.0
135	46-9	46 7/8	35.0	41.0
135	47-1	47 7/8	7.0	12.0
135	47-2	47 7/8	12.0	17.0
135	47-3	47 7/8	17.0	22.0
135	47-4	47 7/8	22.0	28.0
135	47-5	47 7/8	28.0	35.0
135	47-9	47 7/8	35.0	41.0
135	48-1	48 7/8	7.0	12.0
135	48-2	48 7/8	12.0	17.0
135	48-3	48 7/8	17.0	22.0
135	48-4	48 7/8	22.0	30.0
135	48-5	48 7/8	30.0	34.0
135	48-9	48 7/8	34.0	41.0
135	49-1	49 7/8	7.0	12.0
135	49-2	49 7/8	12.0	17.0
135	49-3	49 7/8	17.0	22.0
135	49-4	49 7/8	22.0	29.0
135	49-5	49 7/8	29.0	34.0
135	49-9	49 7/8	34.0	41.0
135	50-1	50 7/8	7.0	12.0
135	50-2	50 7/8	12.0	17.0
135	50-3	50 7/8	17.0	22.0
135	50-4	50 7/8	22.0	29.0
135	50-5	50 7/8	29.0	34.0
135	50-9	50 7/8	34.0	41.0
135	51-1	51 7/8	7.0	12.0
135	51-2	51 7/8	12.0	17.0
135	51-3	51 7/8	17.0	22.0
135	51-4	51 7/8	22.0	29.0
135	51-5	51 7/8	29.0	34.0



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Balance Series	Balance number	Balance length	Sash Wght lowlimit	Sash Wght uplimit
135	51-9	51 7/8	34.0	41.0
135	52-1	52 7/8	7.0	12.0
135	52-2	52 7/8	12.0	17.0
135	52-3	52 7/8	17.0	22.0
135	52-4	52 7/8	22.0	29.0
135	52-5	52 7/8	29.0	34.0
135	52-9	52 7/8	34.0	41.0
135	53-1	53 7/8	7.0	12.0
135	53-2	53 7/8	12.0	17.0
135	53-3	53 7/8	17.0	23.0
135	53-4	53 7/8	23.0	31.0
135	53-5	53 7/8	31.0	36.0
135	53-9	53 7/8	36.0	41.0