

# 90 DEGREE ELBOWS

NON-ALLOY: WPB, High Yield, Low Temp, Forged, Iron

REV: 01/2021

QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
17	3	3	0.216	STD	LR	BE	Y52	90 ELL
7	3	3	0.216	STD	LR	BE	Y52	90 ELL
1	3	3	0.300	XH	LR	BE	Y52	90 ELL
3	3	3	0.300	XH	LR	BE	Y52/W PL6	90 ELL
2	3	3	0.600	XXH	LR	BE	Y52	90 ELL
2	4	4	0.237	STD	LR	BE	Y52	90 ELL
98	4	4	0.237	STD	LR	BE	Y52	90 ELL
5	4	4	0.237	STD	<b>3R</b>	BE	Y52	90 ELL
10	4	4	0.237	STD	LR	BE	Y52	90 ELL
1	4	4	0.237	STD	<b>3R</b>	BE	Y52/W PL6	90 ELL
1	4	4	0.337	S/80	LR	BE	Y65	90 ELL
1	4	4	0.337	XH	LR	BE	Y65	90 ELL
1	6	6	0.280	STD	LR	BE	Y60	90 ELL



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15	6	6	0.280	STD	<u>3R</u>	BE	Y52	90 ELL
3	6	6	0.280	STD	LR	BE	Y52/W PL6	90 ELL
2	6	6	0.280	STD	<u>3R</u>	BE	Y52/W PL6	90 ELL
2	6	6	0.280	STD	<u>3R</u>	BE	Y52/W PL6	90 ELL
1	6	6	0.280	STD	LR	BE	Y65	90 ELL
11	6	6	0.432	XH	LR	BE	Y52	90 ELL
3	6	6	0.432	XH	LR	BE	Y52	90 ELL
1	6	6	0.562	S/120	LR	BE	Y52	90 ELL
1	8	8	0.188		<u>3R</u>	BE	Y52	90 ELL
2	8	8	0.250	S/20	LR	BE	Y52	90 ELL
4	8	8	0.250	S/20	<u>3R</u>	BE	Y52	90 ELL
1	8	8	0.322	STD	LR	BE	Y52	90 ELL
3	8	8	0.322	STD	LR	BE	Y52	90 ELL



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2	8	8	0.322	STD	LR	BE	Y52	90 ELL
6	8	8	0.322	STD	LR	BE	Y52	90 ELL
1	8	8	0.322	STD	<u>3R</u>	BE	Y52	90 ELL
1	8	8	0.322	STD	<u>3R</u>	BE	Y52	90 ELL
1	8	8	0.322	STD	<u>3R</u>	BE	Y52	90 ELL
1	8	8	0.322	STD	<u>3R</u>	BE	Y52	90 ELL
1	8	8	0.322	STD	LR	BE	Y52/W PL6	90 ELL
1	8	8	0.438		LR	BE	Y65	90 ELL
1	8	8	0.500	XH	LR	BE	Y52	90 ELL
3	10	10	0.365	STD	LR	BE	Y60	90 ELL
11	10	10	0.365	STD	LR	BE	Y52	90 ELL
7	10	10	0.365	STD	LR	BE	Y52	90 ELL
3	10	10	0.365	STD	LR	BE	Y52	90 ELL



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1	10	10	0.365	STD	LR	BE	Y52	90 ELL
20	10	10	0.365	STD	<b>3R</b>	BE	Y52	90 ELL
2	10	10	0.365	STD	LR	BE	Y52/W PL6	90 ELL
2	10	10	0.365	STD	LR	BE	Y52/W PL6	90 ELL
8	10	10	0.365	STD	<b>3R</b>	BE	Y52/W PL6	90 ELL
7	10	10	0.365	STD	LR	BE	Y65	90 ELL
2	10	10	0.500	XH	LR	BE	Y42	90 ELL
6	10	10	0.500	XH	LR	BE	Y52	90 ELL
5	10	10	0.500	XH	LR	BE	Y52	90 ELL
8	10	10	0.500	XH	LR	BE	Y52	90 ELL
24	10	10	0.500	XH	LR	BE	Y52	90 ELL
4	10	10	0.500	XH	<b>3R</b>	BE	Y52	90 ELL
10	10	10	0.594	S/80	LR	BE	Y65	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
13	10	10	0.594	S/80	LR	BE	Y65	90 ELL
1	10	10	0.719	S/100	LR	BE	Y52	90 ELL
2	12	8	.375 X .322	STD	LR	BE	Y52	REDUCING 90 ELL
2	12	12	0.240		<u>3R</u>	BE	Y65	90 ELL
2	12	12	0.250	S/20	LR	BE	Y52	90 ELL
2	12	12	0.250	S/20	<u>3R</u>	BE	Y52/W PL6	90 ELL
1	12	12	0.375	STD	LR	BE	Y52	90 ELL
8	12	12	0.375	STD	LR	BE	Y52	90 ELL
4	12	12	0.375	STD	LR	BE	Y52	90 ELL
2	12	12	0.375	STD	<u>3R</u>	BE	Y52	90 ELL
11	12	12	0.375	STD	<u>3R</u>	BE	Y52	90 ELL
1	12	12	0.375	STD	<u>3R</u>	BE	Y52	90 ELL
1	12	12	0.375	STD	LR	BE	Y52/W PL6	90 ELL



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1	12	12	0.375	STD	<u>3R</u>	BE	Y65	90 ELL
1	12	12	0.406	S/40	LR	BE	Y52	90 ELL
1	12	12	0.406	S/40	LR	BE	Y70	90 ELL
1	12	12	0.406	S/40	LR	BE	Y70	90 ELL
2	12	12	0.500	XH	LR	BE	Y42	90 ELL
1	12	12	0.500	XH	LR	BE	Y52	90 ELL
7	12	12	0.500	XH	LR	BE	Y52	90 ELL
2	12	12	0.500	XH	LR	BE	Y52/W PL6	90 ELL
1	12	12	0.500	XH	LR	BE	Y60	90 ELL
3	12	12	0.500	XH	LR	BE	Y65	90 ELL
2	12	12	0.500	XH	LR	BE	Y65	90 ELL
1	12	12	0.500	XH	LR	BE	Y65	90 ELL
4	12	12	0.500	XH	LR	BE	Y65	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
3	12	12	0.688	S/80	LR		Y52	90 ELL
4	12	12	0.688	S/80	LR	BE	Y65	90 ELL
1	14	14	0.500	XH	LR	BE	Y52	90 ELL
4	16	16	0.250	S/10	<u>3R</u>	BE	Y65	90 ELL
1	16	16	0.312		<u>3R</u>	BE	Y60	90 ELL
5	16	16	0.312		<u>3R</u>	BE	Y65	90 ELL
2	16	16	0.375	STD	LR	BE	Y60	90 ELL
1	16	16	0.375	STD	LR	BE	Y52	90 ELL
1	16	16	0.375	STD	LR	BE	Y52	90 ELL
4	16	16	0.375	STD	LR	BE	Y52	90 ELL
7	16	16	0.375	STD	LR	BE	Y52	90 ELL
3	16	16	0.375	STD	LR	BE	Y52	90 ELL
5	16	16	0.375	STD	<u>3R</u>	BE	Y52	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
1	16	16	0.375	STD	LR	BE	Y65	90 ELL
1	16	16	0.375	STD	LR	BE	Y65	90 ELL
9	16	16	0.375	STD	<u>3R</u>	BE	Y65	90 ELL
1	16	16	0.375	STD	<u>3R</u>	BE	Y65	90 ELL
1	16	16	0.375	STD	LR	BE	Y70	90 ELL
2	16	16	0.500	XH	<u>3R</u>	BE	Y52	90 ELL
11	16	16	0.500	XH	LR	BE	Y60	90 ELL
3	16	16	0.500	XH	<u>3R</u>	BE	Y60	90 ELL
1	16	16	0.500	XH	LR	BE	Y52	90 ELL
1	16	16	0.500	XH	LR	BE	Y52	90 ELL
2	16	16	0.500	XH	<u>3R</u>	BE	Y52	90 ELL
6	16	16	0.500	XH	<u>3R</u>	BE	Y52	90 ELL
2	16	16	0.500	XH	LR	BE	Y60	90 ELL





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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
2	16	16	0.500	XH	LR	BE	Y60	90 ELL
2	16	16	0.500	XH	LR	BE	Y65	90 ELL
2	16	16	0.625		LR	BE	Y60	90 ELL
5	16	16	0.625		LR	BE	Y52	90 ELL
5	16	16	0.625		LR	BE	Y52	90 ELL
1	16	16	0.656	S/60	LR	BE	Y60	90 ELL
1	16	16	0.656	S/60	LR	BE	Y60	90 ELL
5	16	16	0.844	S/80	LR	BE	Y65	90 ELL
2	18	18	0.375	STD	LR	BE	Y52	90 ELL
1	18	18	0.375	STD	<b>3R</b>	BE	Y52	90 ELL
1	18	18	0.500	XH	<b>SR</b>	BE	Y52	90 ELL
1	18	18	0.500	XH	LR	BE	Y52	90 ELL
1	18	18	0.625		LR	BE	Y52	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
7	18	18	0.625		LR	BE	Y52	90 ELL
1	20	20	0.312		<u>3R</u>	BE	Y60	90 ELL
1	20	20	0.312			BE	Y60	90 ELL
2	20	20	0.375	STD	LR	BE	Y60	90 ELL
1	20	20	0.375	STD	<u>3R</u>	BE	Y42	90 ELL
1	20	20	0.375	STD	<u>SR</u>	BE	Y52	90 ELL
3	20	20	0.375	STD	<u>3R</u>	BE	Y52	90 ELL
12	20	20	0.375	STD	LR	BE	Y60	90 ELL
3	20	20	0.375	STD	LR	BE	Y65	90 ELL
1	20	20	0.375	STD	LR	BE	Y65	90 ELL
60	20	20	0.375	STD	LR	BE	Y65	90 ELL
12	20	20	0.375	STD	<u>3R</u>	BE	Y65	90 ELL
2	20	20	0.500	XH	LR	BE	Y60	90 ELL



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2	20	20	0.500	XH	<u>3R</u>	BE	Y60	90 ELL
1	20	20	0.500	XH	LR	BE	Y42	90 ELL
1	20	20	0.500	XH	LR	BE	Y60	90 ELL
3	20	20	0.500	XH	LR	BE	Y65	90 ELL
11	20	20	0.500	XH	LR	BE	Y65	90 ELL
2	20	20	0.500	XH	LR	BE	Y65	90 ELL
16	20	20	0.500	XH	LR	BE	Y65	90 ELL
4	20	20	0.500	XH	<u>3R</u>	BE	Y65	90 ELL
2	20	20	0.500	XH	<u>3R</u>	BE	Y65	90 ELL
2	20	20	0.500	XH	<u>3R</u>	BE	Y65	90 ELL
1	20	20	0.500	XH	LR	BE	Y70	90 ELL
1	20	20	0.562		LR	BE	Y52	90 ELL
1	20	20	0.594	S/40	LR	BE	Y60	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
2	20	20	0.594	S/40	LR	BE	Y60	90 ELL
2	20	20	0.594	S/40	LR	BE	Y65	90 ELL
2	20	20	0.594	S/40	<b>3R</b>	BE	Y65	90 ELL
1	20	20	0.625		LR	BE	Y52	90 ELL
2	20	20	0.625		LR	BE	Y52	90 ELL
1	20	20	0.625		LR	BE	Y52	90 ELL
4	20	20	0.665		LR	BE	Y65	90 ELL
2	20	20	0.688		LR	BE	Y60	90 ELL
1	20	20	0.750		LR	BE	Y60	90 ELL
2	20	20	0.750		LR	BE	Y52	90 ELL
6	20	20	1.031	S/80	LR	BE	Y52/W PL6	90 ELL
1	22	22	0.375	STD	<b>SR</b>	BE	Y60	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
1	22	22	0.375	STD	LR	BE	Y60	90 ELL
1	24	24	0.375	STD	<u>3R</u>	BE	Y52	90 ELL
2	24	24	0.375	STD	<u>3R</u>	BE	Y52	90 ELL
2	24	24	0.375	STD	LR	BE	Y65	90 ELL
1	24	24	0.375	STD	LR	BE	Y65	90 ELL
1	24	24	0.375	STD	<u>3R</u>	TORCH BE	Y65	90 ELL
1	24	24	0.375	STD	LR	BE	Y70	90 ELL
1	24	24	0.375	STD	<u>3R</u>	BE	Y70	90 ELL
1	24	24	0.438		LR	BE	Y42	90 ELL
1	24	24	0.500	XH	LR	BE	Y60	90 ELL
2	24	24	0.500	XH	LR	BE	Y60	90 ELL
2	24	24	0.500	XH	LR	BE	Y60	90 ELL
1	24	24	0.500		LR	BE	Y42	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
2	24	24	0.500	XH	LR	BE	Y52	90 ELL
1	24	24	0.500	XH	LR	BE	Y65	90 ELL
2	24	24	0.500	XH	<b>3R</b>	BE	Y65	90 ELL
7	24	24	0.500	XH	LR	BE	Y70	90 ELL
1	24	24	0.500	XH	LR	BE	Y70	90 ELL
3	24	24	0.500	XH	<b>3R</b>	BE	Y70	90 ELL
4	24	24	0.500	XH	<b>3R</b>	BE	Y70	90 ELL
1	24	24	0.562	S/30	LR	BE	Y65	90 ELL
7	24	24	0.562	S/30	<b>3R</b>	BE	Y65	90 ELL
3	24	24	0.562		LR	BE	Y70	90 ELL
1	24	24	0.583		<b>3R</b>	BE	Y60	90 ELL
2	24	24	0.594	S/40	<b>3R</b>	BE	Y70	90 ELL
1	24	24	0.625		LR	BE	Y60	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
1	24	24	0.625		<u>3R</u>	BE	Y52	90 ELL
3	24	24	0.688	S/40	LR	BE	Y60	90 ELL
3	24	24	0.688	S/40	LR	BE	Y60	90 ELL
2	24	24	0.688	S/40	LR	BE	Y60	90 ELL
1	24	24	0.688		LR	BE	Y65	90 ELL
4	24	24	0.688	S/40	LR	BE	Y70	90 ELL
7	24	24	0.750		LR	BE	Y65	90 ELL
3	24	24	0.750		LR	BE	Y70	90 ELL
1	24	24	0.875		LR	BE	Y65	90 ELL
4	24	24	1.219	S/80	LR	BE	Y60	90 ELL
2	26	26	0.500	XH	LR	BE	Y60	90 ELL
1	30	30	0.375		<u>3R</u>	BE	Y60	90 ELL
1	30	30	0.375	STD	LR	BE	Y65	90 ELL



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QTY	SIZE 1	SIZE 2	CLASS / W.T.	SCH	RAD	ENDS	GRADE	TYPE
1	30	30	0.375	STD	LR	BE	Y65	90 ELL
2	30	30	0.429		LR	TORCH BE	Y70	90 ELL
2	30	30	0.500	XH	LR	BE	Y60	90 ELL
1	30	30	0.500	XH	LR	TORCH CUT BE	Y65	90 ELL
1	30	30	0.750		LR	BE	Y65	90 ELL
1	30	30	0.750		LR		Y65	90 ELL
2	34	34	0.500	XH	LR	BE	Y60	90 ELL
1	34	34	0.562		LR	BE	Y60	90 ELL
2	36	36	0.500	XH	<b>3R</b>	BE	Y65	90 ELL
3	36	36	0.625		LR	BE	Y60	90 ELL
2	36	36	0.625		LR	BE	Y70	90 ELL
1	36	36	0.625		<b>3R</b>	BE	Y70	90 ELL
5	36	36	0.750		LR	BE	Y60	90 ELL





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3	36	36	0.750		<u>3R</u>	BE	Y60	90 ELL
1	36	36	0.750		<u>3R</u>	BE	Y60	90 ELL
1	36	36	0.875		LR	BE	Y60	90 ELL
4	36	36	0.875		LR	BE	Y60	90 ELL
1	36	36	0.875		LR	BE	Y60	90 ELL
1	36	36	0.875		LR	BE X TORCH CUT	Y60	90 ELL
3	36	36	0.875		LR	BE	Y65	90 ELL
4	36	36	0.875		LR	BE	Y65	90 ELL
4	42	42	0.750		LR	BE	Y60	90 ELL
1	42	42	0.812		LR	BE	Y52	90 ELL
3	42	42	0.875		LR	BE	Y70	90 ELL
2	42	42	1.000		LR	BE	Y60	90 ELL

