



CULSTED SAFEWARD APPROVED For Listings/Approval Details and Limitations, visit our vebsite at www.asc-esc.com or contact an ASC Engineered Solutions" Sales Representative.

Figure 3162 45° Elbow

Nominal Size	Dimension A	Approx Wt. Each
In. (mm)	In. (mm)	Lbs. (kg)
1⁄4	0.81	0.19
8	20.57	0.09
3/8	0.88	0.28
10	22.35	0.13
½	1.00	0.43
15	25.40	0.20
3⁄4	1.13	0.66
20	28.70	0.30
1	1.31	1.00
25	33.27	0.45
1¼	1.50	1.70
32	38.10	0.77
1½	1.69	2.10
40	42.93	0.95
2	2.00	3.40
50	50.80	1.54
2½	2.25	5.50
65	57.15	2.49
3	2.50	8.10
80	63.50	3.67
4	2.81	13.00
100	71.37	5.90

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Material Specifications

Dimensions:

Fittings: ASME B16.3 Unions: ASME B16.39 Bushings/Plugs: ASME B16.14

Material: ASTM A-197

Finish: Black or Hot Dip Galvanized per ASTM A153 Class A

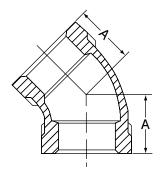
Threads: NPT per ASME B1.20.1

Pressure Ratings:

Fittings: ASME B16.3 Unions: ASME B16.39 Bushings/Plugs: ASME B16.14

Pressure Testing: All malleable iron fittings are tested for through wall porosity using an air under water process.

Agency Approvals: All malleable iron fittings and unions are UL/ULC Listed and FM Approved.



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PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	