



45° EMT Elbows

MORRIS CAT#: 16011-16020



Features:

- Available in 1/2" thru 4" Trade Sizes
- 45° Orientation
- UL Listed
- Order Qty of 1 = 1 Piece

CAT. NO.	ORIENTATION	TRADE SIZE	DIMENSIONS				OUTER BOX
			RADIUS	OFFSET B	OFFSET C	TANGENT	
16011	45°	1/2"	4	7	2.9	1.9	50
16012	45°	3/4"	4.5	7.4	3	2	50
16013	45°	1"	5.8	9.5	4	2.7	25
16014	45°	1-1/4"	7.3	13.1	5.4	4.3	20
16015	45°	1-1/2"	8.3	14	5.8	4.3	15
16016	45°	2"	9.5	16.1	6.6	5.4	10
16017	45°	2-1/2"	10.5	19	7.9	6.8	240
16018	45°	3"	13	20.5	8.5	6.7	35
16019	45°	3-1/2"	15	22.8	9.5	7.1	35
16020	45°	4"	16	29.2	12.1	10.5	35

Rigid and EMT Elbow Dimensions

PRODUCT	DEGREE	TRADE SIZE	METRIC	RADIUS (A)		CUTTING LENGTH		OFFSET (B)		OFFSET (C)		STRAIGHT (T)	
		Inch	mm	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
RIGID	90°	1/2	16	102	4	245	9.646	144.4	5.685			42.4	1.669
RIGID	90°	3/4	21	114	4.5	290	11.417	169.5	6.673			55.5	2.185
RIGID	90°	1	27	146	5.75	350	13.780	206.3	8.122			60.3	2.374
RIGID	90°	1 1/4	35	184	7.25	450	17.717	264.5	10.413			80.5	3.169
RIGID	90°	1 1/2	41	210	8.25	480	18.898	285.1	11.224			75.1	2.957
RIGID	90°	2	53	241	9.5	570	22.441	336.7	13.256			95.7	3.768
RIGID	90°	2 1/2	63	267	10.5	700	27.559	407.3	16.035			140.3	5.524
RIGID	90°	3	78	330	13	850	33.465	495.8	19.520			165.8	6.528
RIGID	90°	3 1/2	91	381	15	1025	40.354	594.3	23.398			213.3	8.398
RIGID	90°	4	103	406	16	1050	41.339	612.1	24.098			206.1	8.114
RIGID	90°	5	129	610	24	1524	60.000	892.9	35.154			282.9	11.138
RIGID	90°	6	155	762	30	1871	73.661	1099	43.268			337	13.268
RIGID	45°	1/2	16	102	4	176	6.929	153.9	6.059	63.8	2.512	47.9	1.886
RIGID	45°	3/4	21	114	4.5	198	7.795	172.5	6.791	70.1	2.760	54.2	2.134
RIGID	45°	1	27	146	5.75	241	9.488	211.1	8.311	87.5	3.445	63.2	2.488
RIGID	45°	1 1/4	35	184	7.25	300	11.811	262.8	10.346	108.8	4.283	77.7	3.059
RIGID	45°	1 1/2	41	210	8.25	331	13.031	290.2	11.425	120.2	4.732	83	3.268
RIGID	45°	2	53	241	9.5	400	15.748	350.3	13.791	145.1	5.713	105.4	4.15
RIGID	45°	2 1/2	63	267	10.5	494	19.449	431.4	16.984	178.6	7.031	142.1	5.594
RIGID	45°	3	78	330	13	600	23.622	524.3	20.642	217.2	8.551	170.4	6.709
RIGID	45°	3 1/2	91	381	15	695	27.362	607.4	23.913	251.6	9.906	197.9	7.791
RIGID	45°	4	103	406	16	760	29.921	663.7	26.130	274.9	10.823	220.6	8.685
RIGID	45°	5	129	610	24	1041	40.984	911	35.866	377.4	14.858	281	11.063
RIGID	45°	6	155	762	30	1243	48.937	1090.4	42.929	449.4	17.693	322.3	12.689
EMT	90°	1/2	16	102	4	246	9.685	144.9	5.705			42.9	1.689
EMT	90°	3/4	21	114	4.5	289	11.378	169	6.654			55	2.165
EMT	90°	1	27	146	5.75	349	13.74	205.8	8.102			59.8	2.354
EMT	90°	1 1/4	35	184	7.25	429	16.89	254	10.000			70	2.756
EMT	90°	1 1/2	41	210	8.25	490	19.291	290.1	11.421			80.1	3.154
EMT	90°	2	53	241	9.5	560	22.047	331.7	13.059			90.7	3.571
EMT	90°	2 1/2	63	267	10.5	720	28.346	417.3	16.429			150.3	5.917
EMT	90°	3	78	330	13	850	33.465	495.8	19.520			165.8	6.528
EMT	90°	3 1/2	91	381	15	990	38.976	576.8	22.709			195.8	7.709
EMT	90°	4	103	406	16	1050	41.339	612.1	24.098			206.1	8.114
EMT	45°	1/2	16	102	4	176	6.929	153.9	6.059	63.8	2.512	47.9	1.886
EMT	45°	3/4	21	114	4.5	198	7.795	172.5	6.791	70.1	2.760	54.2	2.134
EMT	45°	1	27	146	5.75	231	9.094	202.6	7.976	83.9	3.303	58.2	2.291
EMT	45°	1 1/4	35	184	7.25	285	11.22	250	9.843	103.5	4.075	70.2	2.764
EMT	45°	1 1/2	41	210	8.25	331	13.031	290.2	11.425	120.2	4.732	83	3.268
EMT	45°	2	53	241	9.5	389	15.315	341	13.425	141.2	5.559	99.9	3.933
EMT	45°	2 1/2	63	267	10.5	440	17.323	385.3	15.169	159.5	6.280	115.1	4.531
EMT	45°	3	78	330	13	560	22.047	490.1	19.295	203	7.992	150.4	5.921
EMT	45°	3 1/2	91	381	15	660	25.984	577.4	22.732	239.4	9.425	180.4	7.102
EMT	45°	4	103	406	16	720	28.346	629.5	24.783	260.8	10.268	200.6	7.898

