

# CE40 & CE50 Capacities

## CE40 and CE50 Angle Roll Capacity on Mild Steel Material

Material	CE40				CE50			
	Dimensions	Min. Radius	Wall	Roll Type	Dimensions	Min. Radius	Wall	Roll Type
Pipe	1/2"	6"	.109	RT	3/4"	6"	.113	RT
	1"	10"	.133	RT	2"	12"	.154	RT
	2"	18"	.154	RT TI	2-1/2"	16"	.203	RT TI
Tube	1"	6"	.120	RT	1"	6"	.120	RT
	1-3/8"	8"	.120	RT	2-1/2"	20"	.203	RT
	2-3/4"	24"	.049	RT TI	3-1/8"	24"	.083	RT TI
Square Tube	13/16" x 13/16"	6"	.065	SR	13/16" x 13/16"	6"	.083	SR
	1-9/16" x 1-9/16"	16"	.083	SR-TI	2" x 2"	20"	.120	SR-TI
	2" x 2"	24"		SR-TI	2-1/2" x 2-1/2"	30"	.120	SR-TI
Rectangular Tube "Hard way"	1-3/16" x 7/16"	6"	.065	SR	1" x 7/16"	6"	.083	SR
	1-9/16" x 13/16"	18"	.095	SR-TI	2-1/2" x 1-9/16"	18"	.120	SR-TI
	2" x 1"	24"	.095	SR-TI	3-1/8" x 1-13/16"	34"	.120	SR-TI
Rectangular Tube "Easy way"	1-3/16" x 7/16"	8"	.078	SR	1-3/16" x 5/8"	6"	.083	SR
	2" x 1"	20"	.095	SR-TI	2-1/2" x 1-9/16"	24"	.120	SR-TI
	2-1/2" x 1-3/16"	32"	.095	SR-TI	3-1/8" x 1-3/16"	32"	.120	SR-TI
Round Solid	3/4"	4"	NA	RT	13/16"	4"	NA	RT
	1-3/16"	10"	NA	RT-TI	1-9/16"	10"	NA	RT-TI
Square Solid	5/8"	4"	NA	RS	5/8"	4"	NA	RS
	1"	8"	NA	RS-TI	1-3/16"	8"	NA	RS-TI
	1-3/16"	10"	NA	RS-TI	1-9/16"	10"	NA	RS-TI
Rectangular Solid "Hard way"	1-1/2" x 7/16"	4"	NA	RS	13/16" x 7/16"	6"	NA	RS
	2" x 5/16"	10"	NA	RS-TI	2" x 1/2"	8"	NA	RS-TI
	2" x 7/16"	18"	NA	RS-TI	2-1/2" x 1/2"	18"	NA	RS-TI
Rectangular Solid "Easy way"	1-3/16" x 7/16"	6"	NA	RS	2" x 7/16"	6"	NA	RS
	2-1/2" x 5/8"	8"	NA	RS-TI	4" x 5/8"	8"	NA	RS-TI
	3-1/8" x 5/8"	24"	NA	RS-TI	4" x 13/16"	24"	NA	RS-TI
Angle Leg Out	1" x 1"	8"	.156	RS	1" x 1"	8"	.156	RS
	1-1/2" x 1-1/2"	12"	.120	RS	2" x 2"	16"	.236	RS
	2" x 2"	16"	.236	RS-TI	2-3/8" x 2-3/8"	20"	.236	RS-TI
Angle Leg In	1-3/16" x 1-3/16"	10"	.120	RS	1" x 1"	14"	.156	RS
	1" x 1"	14"	.156	RS	2" x 2"	28"	.236	RS
	2" x 2"	28"	.236	RS-TI	2-3/8" x 2-3/8"	30"	.236	RS-TI
C Leg Out	1-3/16" x 5/8"	6"	.156	SR	1-3/16" x 5/8"	6"	.156	SR
	2" x 1-3/16"	14"	.236	SR-TI	3-1/8" x 1-13/16"	12"	.236	SR-TI
C Leg In	1-9/16" x 13/16"	6"	.203	SR-TI	1-9/16" x 13/16"	6"	.203	SR-TI
	2-1/2" x 1-3/16"	14"	.236	SR-TI	3-1/8" x 1-13/16"	16"	.236	SR-TI

CE40 and CE50 capacities based on mild steel

RS =Standard three roll set /RT =Three-roll tube and solid bar set

SR =Three roll set, special order /TI =Support shafts for rolls