Steel Pipe Safety Bollards

Bollards can be used both indoors and outdoors to protect work areas, racking and personnel. Powder coated safety yellow finish. Molded rubber caps are removable on $4\frac{1}{2}$ " and $5\frac{1}{2}$ " diameter units. Steel caps are welded on the $1\frac{3}{4}$ " diameter units. Base plate measures 8" x 8", on the 4.5 and 5.5 units (5" x 5" on the $1\frac{3}{4}$ " units), and include four (4) pre-drilled mounting holes. Mounting kits and replacement caps available. Welded steel construction.

MODEL Number	DESCRIPTION	HEIGHT	OUTSIDE Diameter	NET WT. (LBS.)
BOL-24-2®	STEEL PIPE BOLLARD	24"	13/4"	12
		= -		1
BOL-36-2	STEEL PIPE BOLLARD	36"	1¾"	15
BOL-42-2	STEEL PIPE BOLLARD	42"	13/4"	16
BOL-48-2	STEEL PIPE BOLLARD	48"	1¾"	22
BOL-24-4.5	STEEL PIPE BOLLARD	24"	41/2"	34
BOL-36-4.5	STEEL PIPE BOLLARD	36"	41/2"	45
BOL-42-4.5	STEEL PIPE BOLLARD	42"	41/2"	50
BOL-48-4.5	STEEL PIPE BOLLARD	48"	41/2"	56
BOL-24-5.5	STEEL PIPE BOLLARD	24"	5½"	42
BOL-36-5.5	STEEL PIPE BOLLARD	36"	5½"	57
BOL-42-5.5	STEEL PIPE BOLLARD	42"	5½"	69
BOL-48-5.5	STEEL PIPE BOLLARD	48"	5½"	78
BOL-ABK-3	CONCRETE ANCHOR BOLTS	(4) 3/8" x 3" (1¾" D	IA. BOLLARDS)	2
BOL-ABK-4	CONCRETE ANCHOR BOLTS	(4) 3/4" x 4" (4½" &	51/2" DIA. BOL)	2







Smokers Bollards

Heavy-duty steel bollard also functions as a cigarette disposal unit. Cigarette disposable hole measures $1\frac{1}{4}$ " diameter. Removable top is connected to steel container for holding cigarette butts. Top is lockable with padlock (padlock not included). Includes a durable powder coat safety yellow finish. Base plate includes four pre-drilled installation holes. Installation hardware sold separately. Optional dome base to hide installation bolts.

MODEL Number	HEIGHT	OUTSIDE Diameter	BASE Plate	NET WT. (POUNDS)
BOL-SMK	35"	41/2"	8" x 8"	32
DOME-4.5⊕	3"	14"		8
BOL-ABK-4®	CONCRE	TE ANCHOR BOLTS (4) 3/4" x 4"	2



Unique design features offset base plate that won't interfere with traffic. The $8" \times 8"$ base plate includes (4) pre-drilled mounting holes (mounting hardware is sold separately). Removable rubber top cap and black/yellow safety tape included. Heavy-duty welded steel construction with a powder coat safety yellow finish is standard.

MODEL Number	HEIGHT	OUTSIDE Diameter	BASE Plate	NET WT. (POUNDS)
OBOL-35-4.5	35"	4½"	8" x 8"	32
OBOL-47-4.5	47"	4½"	8" x 8"	41
OBOL-53-4.5	53"	41/2"	8" x 8"	46
BOL-ABK-4	CONCRETE ANCHOR BOLTS (4) 3/4" x 4"			2

Pour In Place Bollards

Make your bollards permanent by setting them in concrete. The extra length of the Pour in Place Bollard allows you to maintain the needed height while fixing the bollard in concrete. Bollard comes with welded anchoring tabs and a removable cap so the bollard can be filled with concrete to increase its strength and durability. Powder coated yellow for high visibility.

MODEL Number	USABLE HEIGHT	OVERALL Height	OUTSIDE Diameter	NET WT. (POUNDS)
BOLPP-24-5.5	24"	34"	5½"	44
BOLPP-36-5.5	36"	46"	5½"	59
BOLPP-42-5.5	42"	52"	5½"	73
BOLPP-48-5.5	48"	58"	5½"	88



