


Provide guard dimensions to fit with type of apron provided. Ensure 'V' Bar completely rests on apron.

- ① All guards must include at least one intermediate cross bar. If pipe diameter, or equivalent diameter, is 60 inches or greater, use two intermediate cross bars equally spaced.

ROUND		ARCH		ELLIPTICAL	
PIPE SIZE	H	EQUIVALENT DIAMETER	H	EQUIVALENT DIAMETER	H
12"	2½"	18" to 24"	4"	18"	3"
15"	3"	30" to 36"	5"	24"	4"
18" - 24"	4"	42" to 54"	6"	30" to 36"	5"
27" - 36"	5"	60" to 72"	7"	42" to 54"	6"
42" - 54"	6"			60"	7"
60" - 72"	7"				
78" - 90"	8"				

BAR SIZES				
	PIPE SIZE (DIA. or EQUIV.)	HOLE DIA. REQ'D.	BOLT DIA.	BAR SIZE
ROUND	12" - 24"	¾"	⅜"	¾"
	27" - 48"	7/8"	⅜"	1"
ARCH	54" - 90"	1 1/8"	1"	1 1/4"
	up to 24" eq.	¾"	⅜"	¾"
	30" to 48"	7/8"	⅜"	1"
ELLIPTICAL	54" to 72"	1 1/8"	1"	1 1/4"
	up to 24" eq.	¾"	⅜"	¾"
	30" to 48"	7/8"	⅜"	1"
	54" to 60"	1 1/8"	1"	1 1/4"

BOLT LENGTH = PIPE WALL THICKNESS + 2½"

	REVISION
	New 10-18-16
<b>SUDAS</b>	<b>4030.224</b>
SHEET 1 of 1	
SUDAS Standard Specifications	
CONCRETE PIPE APRON GUARD	