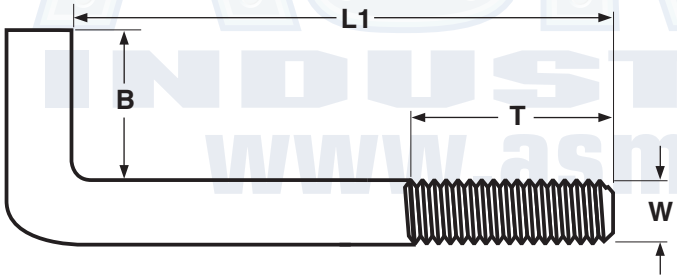
BENT ANCHOR BOLTS



BENT ANCHOR BOLTS, 90°						ASME B18.31.5 (2011)
Nominal Size x Length	L1		B		T	
	Inside Length (below the bend)		Inside Width		Threaded Length	
	Max	Min	Max	Min	Max	Min
3/8-16 x 8	8.125	7.875	1.125	0.875	1.625	1.375
3/8-16 x 10	10.125	9.875	1.125	0.875	1.625	1.375
1/2-13 x 8	8.125	7.875	1.125	0.875	2.125	1.875
1/2-13 x 10	10.125	9.875	1.125	0.875	2.125	1.875
1/2-13 x 18	18.125	17.875	1.125	0.875	2.125	1.875
3/4-10 x 12	12.188	11.812	3.188	2.812	4.250	3.750
3/4-10 x 18	18.188	17.812	3.188	2.812	4.250	3.750

Description	A headless fastener with a partially threaded shank. A portion of he top unthreaded section of the bolt is bent at a 90-degree angle. It is recommended that bolts be supplied with (a) nuts that conform to ASTM A194 or A563 Grade-A (hex or heavy hex); and (b) washers that conform to ASTM F436 Type 1.
Applications/ Advantages	Designed to anchor structural supports to concrete foundations. The bent portion (or leg) of the bolt is that which is embedded into concrete to create greater resistance to forces pulling away from the concrete foundation.
Material	Grade-36: Low carbon steel shall conform as follows: *Carbon:* 0.29% max; *Manganese:* (optional); *Phosphorus:* 0.05% max; *Sulfur:* 0.06% max; *Copper (when specified):* 0.18% min.
Tensile Strength	36,000 psi., minimum
Plating	Anchor bolts are usually supplied plain.