



DIN 529 Anchor Bolts

Leader-Fastener is a manufacturer and distributor of **DIN 529 Anchor Bolts**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist in good quality as the first policy and have established a set of quality control and inspection system according to the international standard. We have carried out ISO9001 Quality Guarantee System in every course of production, transportation and selling. We do hope we could be your partner in business by topping quality, knight service and

competitive price in the near future and be your friends as well.

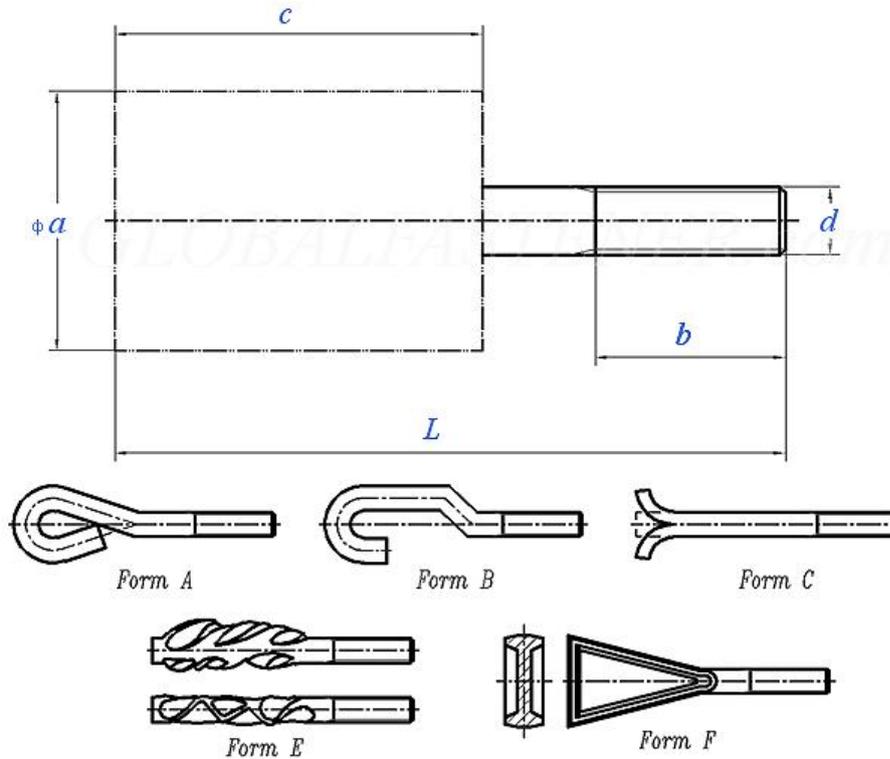
DIN 529 - Anchor Bolts (Stone Bolt)

Anchor bolts are cast-in-place and designed for structural anchoring applications. They are usually encased in concrete walls, footings, piers and bases. "L" style is also known as: angle bolt, bent bolt, bent leg, foundation bolt, foundation anchor bolt, hook bolt, L bolt, L hook bolt. A washer and nut, often included, are used with anchor bolts.

Threads are standard right-hand and usually Unified inch coarse series (UNC, Unified National Coarse). All lengths are partially threaded. Typically, anchor bolt sizes range from 3/8" to 1" in diameter, and lengths span from about 6" to 30". Length is measured from under the bent leg to the threaded end of the bolt.

Steel is the standard material. Plain finish, which lacks a surface treatment to inhibit rust, and hot dip galvanized are the usual finishes. For outdoor use, choose a hot dipped galvanized anchor bolt due to its corrosion resistant properties. Anchor bolt size, length, spacing, positioning and embedment are determined for each application. The bolts must be long enough to ensure sufficient projection beyond the concrete to accommodate the structural member thickness, grout (if used) and washer and nut.

DIN 529 - Anchor Bolts, which can be either straight or "L" shaped, are usually embedded into concrete foundations with an exposed thread, and are used to connect structural and non-structural elements to concrete. Anchor bolts can transfer different types of load: tension forces and shear forces.

DIN 529 - 2010 Masonry and Foundation Bolts


Screw Thread d	M8	M10	M12	M16	M20	M24	M30	M36	M42	M48	M56	M64	M72	
P Thread Pitch	1.25	1.5	1.75	2	2.5	3	3.5	4	4.5	5	5.5	6	6	
b	max	22.5	28	33.5	44	55	66	82	98	114	130	151	172	192
	min=nominal size	20	25	30	40	50	60	75	90	105	120	140	160	180
a max	25	32	40	55	65	80	100	120	140	160	185	210	250	
c max	55	55	70	90	110	130	160	190	230	260	290	340	370	
e min	35	45	55	70	85	100	120	140	160	180	210	250	290	

- ①, The shape inside the dotted line can be selected according to your needs.
- ②, Chamfered end (CH) or Rounded end (RN)(DIN EN ISO 4753)
- ③, Shank diameter = thread diameter (full shank) or \approx pitch diameter (thin shank) as chosen by the manufacturer.
- ④, Material: Steel, Strength class (material): 4.6 Standard: DIN EN ISO 898-1