

Stainless Steel Anchor

Standard: GB/T 22795-2008

Material: SUS301,304,18/8,0Cr18Ni9,X5CrNi1810,X10Cr13,410S21, if you need to use other stainless steel, please let us know.

Heat Treatment: None for normal, If you have special hardness requirement, please let us know.

Surface Hardness: 220HV is Normal, 750HV max after Quench with SUS410

Finish: None.

Head: None

Thread Direction: Normal is right hand/dextrorotation, if you want left hand, please let us know.

Tensile strength: 700N/mm²

Stainless Steel Anchor. Anchor unit of this invention is provided with a plug which is driven into an anchor socket or sleeve to expand its split end portion by rotating a bolt which is engaged with the anchor socket or the plug by threads, in a predetermined direction. In one embodiment, the plug is a separable end portion of the bolt which is movable together with a remaining portion of the bolt when the bolt is rotated in the above described predetermined direction and twisted off or separated from the remaining portion when the bolt is rotated in a direction opposite to the above described predetermined direction.

"Stainless Steel" - With the addition of 12% chromium to iron, stainless steel is formed. The chromium protects the iron against most corrosion or red colored rust; thus the term "stainless steel". The ability of stainless to form a thin layer of protection on its outside surface, called a "passive film", is its most important characteristic in preventing corrosion.

"18-8" - 300 series stainless steel having approximately (not exactly) 18% chromium and 8% nickel. The term "18-8" is used interchangeably to characterize fasteners made of 302,302HQ,303,304,384, XM7, and other variables of these grades with close chemical compositions. There is little overall difference in corrosion resistance among the 18-8 types, but slight differences in chemical composition do make certain grades more resistant than others against particular chemicals or atmospheres.

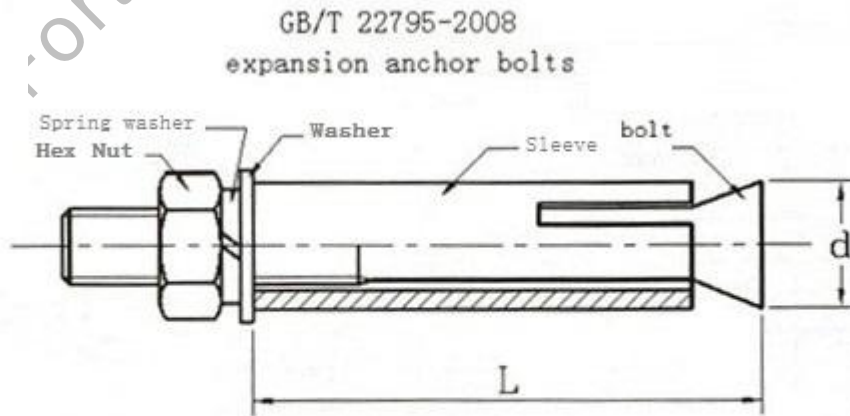
Austenitic - Refers to 300 series stainless, the most popular of the stainless alloys accounting for 85%-90% of stainless fasteners sold Named for sir Robert Williams Austen, an English metallurgist, austenitic stainless is a crystal structure formed by heating steel, chromium, and nickel to a high temperature where it forms the characteristics of 300 series stainless steel.

The typical **Stainless Steel Anchor** as below

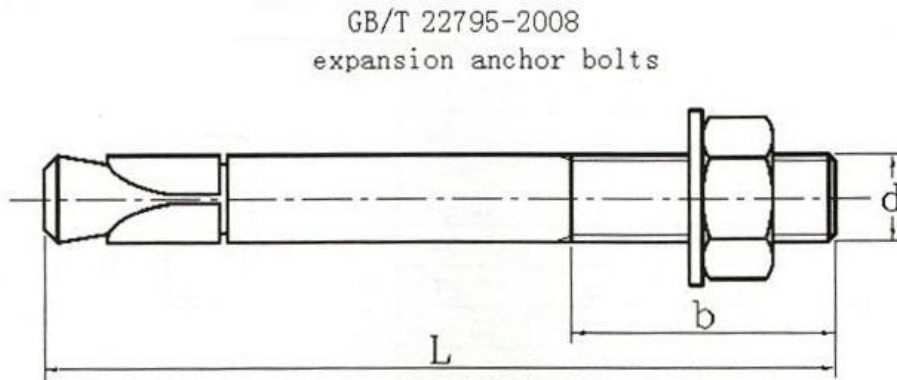




And below is the common drawing for this kind:



Unit, mm								
Screw	M6	M8	M10	M12	M14	M16	M18	M20
d	10	12	14	16	18	22	25	25



Unit, mm								
Screw	M6	M8	M10	M12	M14	M16	M20	M24
d	6	8	10	12	14	16	20	24