FASTENAL®
PERFORMANCE ANCHORING SYSTEMS

Anchor, Large Diameter Concrete Screw, Hex Washer Head, Zinc, Listed

This product standard contains the required dimensional, mechanical, performance, and chemical characteristics of the products shown in this purchase order (as applicable to the product). Unless specified below, current revisions of national or international standards shall be applicable as of the date of Fastenal's purchase order and must be adhered to in their entirety. If the order received does not meet these requirements, corrective action may be issued which could jeopardize your status as an approved supplier to Fastenal.



Part Number	Trade Size	Wrench Size	Installation Torque (ft-lbs)		Embedment Depth	Overall Length	Hole Depth
			Wrench	Impact			
	Nominal		Maximum		Minimum		
11667570	3/8"	9/16"	35	380	1-1/2"	1-3/4"	1-3/4"
11667571	3/8"	9/16"	35	380	2-1/4"	2-1/2"	2-1/2"
11667572	3/8"	9/16"	35	380	2-1/2"	3"	2-3/4"
11667573	3/8"	9/16"	35	380	2-1/2"	4"	2-3/4"
11667575	1/2"	3/4"	45	380	2-3/4"	3"	3-1/8"
11667576	1/2"	3/4"	45	380	3"	4"	3-3/8"
11667577	1/2"	3/4"	45	380	3"	5"	3-3/8"

Drill diameter is the same as the trade size

Part Numbers	Nominal Diameter X Length	Allowable Load in 2500 psi Uncracked Concrete		Approvals and Listing
		Tension	Shear	
		Minimum (lbs)*		
11667570	3/8" x 1-3/4"	593	639	…
11667571	3/8" x 2-1/2"	1245	1341	…
11667572	3/8" x 3"	1492	1607	ESR-4394
11667573	3/8" x 4"	1492	1607	ESR-4394
11667575	1/2" x 3"	1677	1806	…
11667576	1/2" x 4"	1948	2098	ESR-4394
11667577	1/2" x 5"	1948	2098	ESR-4394

*Based on the strength of concrete; refer to ESR-4394 for more information on concrete condition

RECORD OF REVISION CHANGES TO THIS DOCUMENT ARE LOCATED ON THE LAST PAGE

Specification Requirements:

- Dimensions: See Table Above
- Material & Mechanical Properties: Carbon Steel heat-treated to meet 107,000 psi minimum tensile
- Threads: High-Low
- Marking: LCS+ (on anchor head)
  Diameter x Length (on anchor head)
  Country of Origin per 19 U.S.C. 1304
- Finish: Fe/Zn SC1 Type III per ASTM B633

Revision Level Changes to this Document

Document Name	Revision Level	Revision Date	Rationale for Revision
ANCH.LDCS.HW.Z.L.FPAS	00	3/18/2020	Original document.
ANCH.LDCS.HW.Z.L.FPAS	01	3/2/2021	Revised tension for size 1/2" and min. tensile strength from 99,000 to 107,000 psi.
ANCH.LDCS.HW.Z.L.FPAS	02	12/9/2022	Updated marking

The rationale above may not include all of the changes within each revision. A complete review of the Fastenal Product Standard is required.