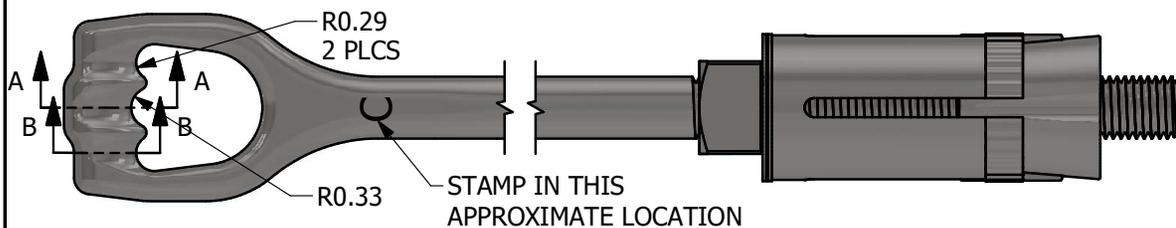
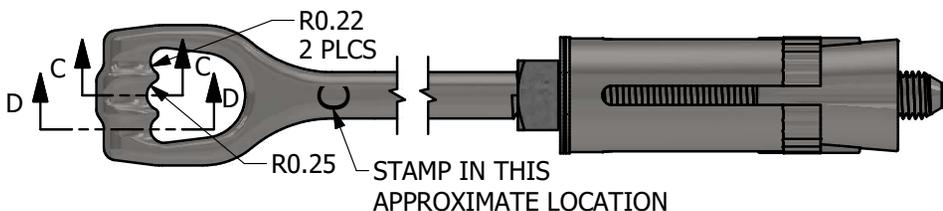


LARGE-STYLE HEAVY ROCK ANCHOR CATALOG NUMBERS

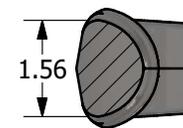


CATALOG NUMBER	LENGTH "L"	ROD DIAMETER "D"	RATING	DRILLED ROCK HOLE SIZE
R130LH	30	1.0	36000 LB	2.50
R153LH	53	1.0	36000 LB	2.50
R172LH	72	1.0	36000 LB	2.50
R196LH	96	1.0	36000 LB	2.50

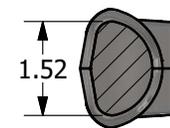
SMALL-STYLE HEAVY ROCK ANCHOR CATALOG NUMBERS



CATALOG NUMBER	LENGTH "L"	ROD DIAMETER "D"	RATING	DRILLED ROCK HOLE SIZE
R315H	15	.75	23000 LB	2.00
R330H	30	.75	23000 LB	2.00
R353H	53	.75	23000 LB	2.00
R360H	60	.75	23000 LB	2.00
R372H	72	.75	23000 LB	2.00
R384H	84	.75	23000 LB	2.00
R396H	96	.75	23000 LB	2.00



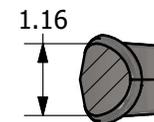
SECTION A-A



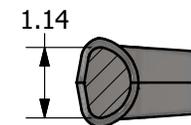
SECTION B-B

--NOTES--

1. MATERIAL: STEEL ANCHOR ROD AND HARDWARE. DUCTILE IRON CASTINGS PER ASTM A536
2. FINISH: HOT DIP GALVANIZED PER ASTM A123/A153. SLIP WASHERS ARE ZINC PLATED FOR EASE OF INSTALLATION
3. ROCK HOLE: PRECISELY DRILLED ROCK HOLES +/-1/16" PER THE INCLUDED TABLE ARE ESSENTIAL FOR PROPER FUNCTION. RECOMMENDED MINIMUM INSTALLATION DEPTH IS 12"
4. ROCK TYPE: HEAVY ROCK ANCHORS ARE DESIGNED FOR USE WITH VERY HARD ROCK TYPES WHERE OTHER ROCK ANCHORS CAN'T REACH THE MAXIMUM RATING
5. PRELOAD: WEDGE-STYLE ANCHORS WILL TIGHTEN BY SLIDING AS LOAD IS INCREASED. FOR APPLICATIONS WHERE NO MOVEMENT IS ALLOWABLE, PRODUCT MUST BE PRELOADED TO DESIGN LOAD
6. GROUT: GROUT BACKFILL IS ALWAYS RECOMMENDED WHEN POSSIBLE FOR ROCK ANCHOR INSTALLATIONS



SECTION C-C



SECTION D-D

CHANCE ® <small>CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION, OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS, HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.</small>			HUBBELL POWER SYSTEMS, INC.	
	HEAVY ROCK ANCHOR LARGE/SMALL VERSIONS			
<small>SIZE</small> B	<small>CAT / PART / ASSY NO.</small> SEE CHARTS	<small>DWG NO.</small> SAR130LH	<small>REV</small> B	
<small>DO NOT SCALE THIS DRAWING</small>	<small>DRN BY</small> CBW	<small>DATE</small> 2/9/23	<small>SHEET</small> 1 OF 1	