
Orthographic projection of a mechanical part showing three views: Back View, Side View, and Front View. The Back View shows a rectangular plate with three horizontal slots. The Side View shows the profile of the plate with a curved bottom edge and four circular holes. The Front View shows the end of the plate. Dimensions are provided for each view: 4.000 for the width of the Back View, 21.340 and 20.465 for the lengths of the Side View, 9.001 for the height of the Back View, and 9.811 for the height of the Front View.

SCALE:



1.000



ITEM NUMBER	CATALOG NUMBER	DESCRIPTION	QUANTITY REQUIRED
①	FSRM-12	1/2"-13 DROP-IN ANCHOR Material: 18-8 STAINLESS STEEL	5
②	FFW316-18-40	FLAT WASHER ID=.562, OD=1.250, THK=.078 Material: 316 STAINLESS STEEL	5
③	FHC316-16-044	1/2"-13 X 1-3/8" LG. HEX HEAD CAP SCREW Material: 316 STAINLESS STEEL	5
④	CR36-B	CR36-B STANCHION Material: 50% Glass Reinforced Nylon	1
⑤	RA20	RA20 RACK ARM Material: 50% Glass Reinforced Nylon	3
⑥	HDL	HDL LOCK (OPTIONAL) Material: Polycarbonate	1 PER ARM
NOT SHOWN	FRT-112	SETTING TOOL (Used to install Catalog No. FSRM-12 Drop-In Anchor)	AS REQ'D

1. BE SURE THE SURFACE OF THE CONCRETE WALL IS SMOOTH, FLAT, AND PLUMB.
2. **IT IS IMPERATIVE TO INSTALL A FASTENER SET IN EVERY ELONGATED STANCHION HOLE.**
3. INSTALL EACH DROP-IN ANCHOR AS SHOWN ON THIS DRAWING AND AS DESCRIBED BELOW:
 - A. DRILL A 5/8" DIAMETER HOLE 2" DEEP.
 - B. BLOW OUT HOLE.
 - C. DRIVE ANCHOR FLUSH TO 1/16" BELOW SURFACE OF CONCRETE.
 - D. EXPAND ANCHOR WITH FRT-112 SETTING TOOL. ANCHOR IS PROPERLY SET WHEN SHOULDER OF SETTING TOOL IS FLUSH WITH THE TOP OF ANCHOR.
4. INSTALL THE FLAT WASHER AND TIGHTEN THE CAP SCREW JUST ENOUGH TO ATTAIN A SNUG FIT. AVOID HIGH SCREW TORQUE WHICH INCLUDES COMPRESSIVE STRESS.
5. AFTER ASSEMBLING THE ARMS TO THE STANCHION, TAP THE ARM DOWN WITH A LIGHT Mallet BLOW, WHICH WILL FULLY SEAT ARM IN PLACE.
6. INSTALL OPTIONAL HDL LOCK BY PLACING THE LOCK ON THE ARM WITH THE LOCKING BARBS UP. PUSH THE LOCK INTO THE RECTANGULAR HOLE IN THE STANCHION. WHEN THE STOP FLANGES ON THE LOCK HIT THE STANCHION, THE LOCK WILL CLICK INTO PLACE. SEE DETAIL No.1 AT LEFT.

- ## HEAVY DUTY NON-METALLIC CABLE RACK

SCALE: See At Left	DESIGNED BY: Don McCoy	DETAILED BY: S Wendland	CHECKED BY: Don McCoy
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DATE: 7-11-24	APPROVED BY:	REVISION:
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1st Designed For TYPICAL INSTALLATION OF CABLE RACKS

UNDERGROUND DEVICES, INC.
NORTHBROOK, ILLINOIS 60062 - PHONE: (847) 205-9000

DRAWING NUMBER:
90-14308
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