

Mounting Requirement of Rudy Rack 20200WG and 20200MAX

	2x4 (min) Wood Studs	16 ga (min) Metal Studs	Hollow Conc Block	Hollow Brick	Cast-in-place Conc or Grout Filled Concrete Block
Edge distance (Min), in	16	16	12	12	8
Spacing (Min), in	16	16	16	16	10
Effective Embedment into Substrate (does not include drywall or other coverings), in	2 1/4	Through Bolt	2	2	2
Recommended Fastener	5/16" Wood Lag Screw	5/16" NC Bolt	5/16" Threaded Rod	5/16" Threaded Rod	5/16" Threaded Rod
Recommended Manufacturer	None	None	Hilti	Hilti	Hilti
Fastener Specification	ASME B18.2.1-1996	SAE Gr 2 (min)	ASTM A36	ASTM A36	ASTM A36
Pre drill hole	3/16"	11/32"	See Manufacturer's Recommendation	See Manufacturer's Recommendation	See Manufacturer's Recommendation
Torque (Lubricated)	Snug Tight	Snug Tight	1/4 turn past snug tight	1/4 turn past snug tight	1/4 turn past snug tight
Adhesive	None	None	HIT HY 70	HIT HY 70	HIT HY 70
Insert	None	None	HIT -IC	HIT-IC	None
Special Notes	<p>1. Use Oil Based Lubricant during installation</p> <p>2. Space at stud spacing or install spreader beam between studs for attachment</p> <p>3. Overdrill hole by 1/4"</p>	<p>1. Through Bolt with plate washer on back side</p> <p>2. Space at stud spacing or install spreader beam between studs for attachment</p>	Follows manufacturers recommended installation procedure	Follows manufacturers recommended installation procedure	<p>1. Follows manufacturers recommended installation procedure</p> <p>2. 1/4" Hilti Carbon Steel Kwik Bolt 3 with 2 1/2" embedment, can be substituted. Do not install within 1 1/2" either side of mortar joints.</p>