



ALLOWABLE CONNECTION CAPACITY

PURLIN		Pmax	
mm	(ga)	kN	kg
2.66	(12.0)	8.92	909
1.81	(14.0)	6.25	637
1.44	(16.0)	4.96	506
1.15	(18.0)	3.94	885
0.88	(20.0)	2.91	655

A. PERPENDICULAR TO PURLIN

TO BE VERIFIED BY PROJECT SEISMIC ENGINEER

- NOTES:
1. PURLIN TENSILE STRENGTH,  $f_u = 320$  MPa MINIMUM.
  2. PURLIN GRADE G250 MINIMUM, AS 1397.
  3. MAXIMUM SIZE OF BOLT HOLE 14mm.
  4. M12 TORQUE = 65Nm

ALLOWABLE CONNECTION CAPACITY

PURLIN		Pmax	
mm	(ga)	kN	kg
2.66	(12.0)	11.51	1173
1.81	(14.0)	8.07	822
1.44	(16.0)	6.41	653
1.15	(18.0)	5.08	518
0.88	(20.0)	3.79	386

B. PARALLEL TO PURLIN

**BRACE TO C PURLIN**

Registered Design  
Patented No. 2021107288  
Other Patents Pending

**V.LOCK**

● ● SEISMIC & SUSPENSION



VAICO Limited  
18 Newnham St, Rangiora, Canterbury,  
NEW ZEALAND  
T +64 3 310 6322 | E [sales@vlockglobal.com](mailto:sales@vlockglobal.com)  
[www.vlockglobal.com](http://www.vlockglobal.com)

COPYRIGHT VAICO Ltd. © 2021

**BRP1**  
Brace Connection to C Purlin

Drawing No.  
**BRP1**

Revision  
**B**