

## PRODUCT DATA SPECIFICATIONS

### PRODUCT DESCRIPTION

The OMG HeadLok is a specialized, flat head fastener engineered for a wide range of panel applications including Structural Insulated Panels, Prefabricated Wall Panels, and Nailboard, and can also be used in wood, structural concrete\*, purlins\*, corrugated and structural steel substrates.

### FEATURES & BENEFITS

- Three point and thread styles available for fast installation.
  - Spade Point for use in steel (18 - 22 ga.), structural concrete and wood;
  - Gimlet Point for use in dimensional lumber;
  - Drill Point for use in steel purlins up to 3/16-in. thick. The 1/2-in. drill point allows the fastener to be drilled through the purlin before the threads engage.
- Aggressive thread for holding power and withdrawal strength.
- Chamfer under head for increased strength.
- Extra large flat head dramatically increases pull-through resistance and eliminates the need for additional washers.
- ACQ tested and approved.
- Install with SpiderDrive® bit system. Eliminates cam-out. Free drive bits in every bucket.

### APPROVALS



Factory Mutual listings refer to this product as **OMG HeadLok DP, OMG HeadLok SP, and OMG HeadLok GM.**

### COATING

OMG CR-10 corrosion resistant coating passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

### APPLICATION

Install the OMG HeadLok using a high torque, low RPM screw gun. Bring underside of the washer head flat to the surface. Do not overdrive. For steel substrates, proper point style must be determined depending on the steel gauge thickness.

\*For structural concrete, use the OMG HeadLok with spade points only. The fastener must penetrate structural concrete decks a minimum of 1-inch. Pre-drill using a 3/16-in. pilot hole at least 1/2-in. (13 mm) deeper than fastener embedment.

\*For purlin attachment, use OMG HeadLok with drill point only.

\*Prior to job-start, contact OMG to perform a pullout test to determine pullout values.



USE WITH



DECK TYPES

### PHYSICAL DATA\*\*

The data below is constant for each OMG HeadLok.

HEAD	POINT STYLES	SHANK
.625" (15.87 mm) Diameter 8 lobe SpiderDrive Bit	<ul style="list-style-type: none"> <li>• Gimlet</li> <li>• Spade</li> <li>• Drill</li> </ul>	.190" (4.82 mm) Diameter
		<b>COATING</b> CR-10

#### KEY:

<b>S</b> Steel	<b>SC</b> Structural Concrete
<b>W</b> Wood	<b>LC</b> Lightweight Concrete
<b>G</b> Gypsum	<b>LWIC</b> Lightweight Insulating Concrete
<b>P</b> Purlins	<b>CWF</b> Cementitious Wood Fiber



**PRODUCT DATA SPECIFICATIONS**

CAT. NO.	POINT	LENGTH IN (MM)	THREAD LENGTH IN (MM)	PACK QTY
FMHLDP006-250	Drill	6 (150)	3.5 (89)	250
FMHLDP008-250	Drill	8 (200)	3.5 (89)	250
FMHLDP010-250	Drill	10 (255)	3.5 (89)	250
FMHLDP012-250	Drill	12 (305)	3.5 (89)	250
FMHLDP014-250	Drill	14 (355)	3.5 (89)	250

CAT. NO.	POINT	LENGTH IN (MM)	THREAD LENGTH IN (MM)	PACK QTY
FMHLSP158-500	Spade	1 5/8 (40)	2 (51)	500
FMHLSP278-500	Spade	2 7/8 (70)	2 (51)	500
FMHLSP312-250	Spade	3.5 (90)	3 (76)	250
FMHLSP004-250	Spade	4 (100)	3 (76)	250
FMHLSP412-250	Spade	4.5 (115)	3 (76)	250
FMHLSP005-250	Spade	5 (125)	3 (76)	250
FMHLSP512-250	Spade	5.5 (140)	3 (76)	250
FMHLSP006-250	Spade	6 (150)	3 (76)	250
FMHLSP612-250	Spade	6.5 (165)	3 (76)	250
FMHLSP007-250	Spade	7 (175)	3 (76)	250
FMHLSP712-250	Spade	7.5 (190)	3 (76)	250
FMHLSP008-250	Spade	8 (200)	3 (76)	250
FMHLSP009-250	Spade	9 (230)	3 (76)	250
FMHLSP010-250	Spade	10 (255)	3 (76)	250
FMHLSP012-250	Spade	12 (305)	3 (76)	250

CAT. NO.	POINT	LENGTH IN (MM)	THREAD LENGTH IN (MM)	PACK QTY
FMHLGM278-500	Gimlet	2 7/8 (70)	2 (51)	500
FMHLGM334-250	Gimlet	3 3/4 (95)	2 (51)	250
FMHLGM412-250	Gimlet	4.5 (115)	2 (51)	250
FMHLGM005-250	Gimlet	5 (125)	2 (51)	250
FMHLGM512-250	Gimlet	5.5 (140)	2 (51)	250
FMHLGM006-250	Gimlet	6 (150)	2 (51)	250
FMHLGM612-250	Gimlet	6.5 (165)	2 (51)	250
FMHLGM007-250	Gimlet	7 (175)	2 (51)	250
FMHLGM712-250	Gimlet	7.5 (190)	2 (51)	250
FMHLGM008-250	Gimlet	8 (200)	2 (51)	250
FMHLGM812-250	Gimlet	8.5 (215)	2 (51)	250
FMHLGM009-250	Gimlet	9 (230)	2 (51)	250
FMHLGM912-250	Gimlet	9.5 (240)	2 (51)	250
FMHLGM010-250	Gimlet	10 (255)	2 (51)	250
FMHLGM011-250	Gimlet	11 (280)	2 (51)	250
FMHLGM012-250	Gimlet	12 (305)	2 (51)	250
FMHLGM013-250	Gimlet	13 (330)	2 (51)	250
FMHLGM014-250	Gimlet	14 (355)	2 (51)	250
FMHLGM015-250	Gimlet	15 (380)	2 (51)	250
FMHLGM016-250	Gimlet	16 (405)	2 (51)	250
FMHLGM018-250	Gimlet	18 (455)	2 (51)	250
FMHLGM278-500	Gimlet	2 7/8 (70)	2 (51)	250

\*\*All sizes are nominal.

