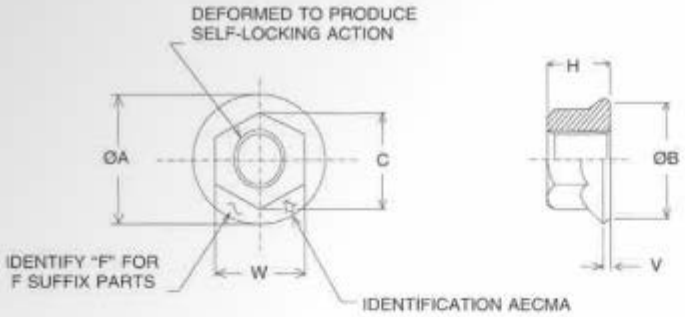



| PART NUMBER *Designation* | THREAD *Filetage* | | A MAX *Maxi* | B MIN *Mini* | C MIN *Mini* | H MAX *Maxi* | V MIN *Mini* | W h 12 |
|---|---|---|---|---|---|---|---|---|
| HM14-030 | M3 | 0,50 | 6,0 | 4,9 | 4,38 | 3,0 | 0,5 | 4 |
| HM14-040 | M4 | 0,70 | 8,0 | 6,5 | 5,51 | 4,0 | 0,6 | 5 |
| HM14-050 | M5 | 0,80 | 9,2 | 8,0 | 6,64 | 5,0 | 0,6 | 6 |
| HM14-060 | M6 | 1,00 | 10,5 | 9,4 | 7,74 | 5,4 | 0,9 | 7 |
| HM14-070 | M7 | 1,00 | 12,6 | 11,3 | 8,90 | 6,2 | 1,0 | 8 |
| HM14-080 | M8 | 1,25 | 13,6 | 12,3 | 11,05 | 7,0 | 1,1 | 10 |
| HM14-080F | M8 | 1,00 | 13,6 | 12,3 | 11,05 | 7,0 | 1,1 | 10 |
| HM14-100 | M10 | 1,50 | 16,6 | 15,2 | 13,25 | 8,5 | 1,3 | 12 |
| HM14-100F | M10 | 1,25 | 16,6 | 15,2 | 13,25 | 8,5 | 1,3 | 12 |
| HM14-120 | M12 | 1,50 | 19,8 | 18,7 | 15,51 | 10,5 | 2,0 | 14 |
| HM14-120F | M12 | 1,25 | 19,8 | 18,7 | 15,51 | 10,5 | 2,0 | 14 |
| HM14-140 | M14 | 1,50 | 23,0 | 21,8 | 17,71 | 12,0 | 2,0 | 16 |

**MATERIAL:** 4037 alloy steel AMS 6300 (UNS G40370)
4340 alloy steel AMS 6414/5 (UNS A97050)
8740 alloy steel AMS 6322 (UNS G87400).

**FINISH:** Cadmium plate per QQ-P-416, Type II, Class 3 and Kaylube molybdenum disulfide dry film lubricant per MIL-L-46010.

**THREAD DATA:** Thread Profile: ISO 5855/1 and to MJ minor dia.
Tolerances: ISO 5855/2. Class 4H5H.

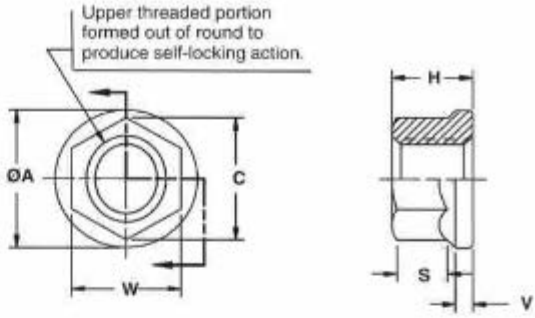
**PERFORMANCE:** AECMA 2053 (Tensile strength based on 1100 MPa).

**TEMPERATURE:** 235°C.

**NOTE:**
1. "C" and "W" dimensions apply before forming self-locking features.
2. Dimensions per NFL 22541, LN 9338, AECMA 2710.

# HM14 SIX POINT NUT HM14

## METRIC




| PART NUMBER | THREAD (MIL-S-8879) | A MIN | C MIN | H MAX | S MIN | V REF | W | AXIAL TENSILE STRENGTH LBS. MIN. | APPROX WT LBS/100 |
|---|---|---|---|---|---|---|---|---|---|
| H14-06 | .1380-32 UNJC-3B | .244 | .171 | .141 | .055 | .032 | .158-.150 | 1,670 | .05 |
| H14L06 | .1380-32 UNJC-3B | .244 | .207 | .141 | .055 | .032 | .190-.181 | 1,670 | .07 |
| H14-08 | .1640-32 UNJC-3B | .290 | .207 | .170 | .060 | .035 | .190-.181 | 2,590 | .09 |
| H14L08 | .1640-32 UNJC-3B | .290 | .244 | .170 | .060 | .035 | .221-.213 | 2,590 | .11 |
| H14M3 | .1900-32 UNJF-3B | .330 | .244 | .188 | .065 | .035 | .221-.213 | 3,470 | .13 |
| H14-3 | .1900-32 UNJF-3B | .330 | .277 | .188 | .065 | .035 | .252-.243 | 3,470 | .18 |
| H14M4 | .2500-28 UNJF-3B | .420 | .313 | .219 | .090 | .045 | .284-.274 | 6,200 | .24 |
| H14-4 | .2500-28 UNJF-3B | .420 | .347 | .219 | .090 | .045 | .316-.304 | 6,200 | .30 |
| H14-5 | .3125-24 UNJF-3B | .520 | .419 | .266 | .120 | .050 | .378-.367 | 9,820 | .55 |
| H14-6 | .3750-24 UNJF-3B | .620 | .491 | .282 | .125 | .060 | .440-.430 | 15,200 | .76 |
| H14-7 | .4375-20 UNJF-3B | .720 | .562 | .328 | .150 | .070 | .505-.494 | 20,600 | 1.26 |
| H14-8 | .5000-20 UNJF-3B | .820 | .633 | .480 | .220 | .080 | .566-.555 | 27,400 | 2.07 |
| H14-9 | .5625-18 UNJF-3B | .922 | .775 | .540 | .240 | .090 | .692-.680 | 34,800 | 3.26 |
| H14-10 | .6250-18 UNJF-3B | 1.027 | .846 | .600 | .250 | .105 | .755-.743 | 43,600 | 4.15 |

**MATERIAL:** 4037 alloy steel per AMS 6300 (UNS G40370) or 4340 alloy steel per AMS 6414 or AMS 6415 (UNS A97050) or 8740 alloy steel per AMS 6322 (UNS G87400).

**FINISH:** Cadmium plate per QQ-P-416, Type II, Class 2 and Kaylube molybdenum disulfide dry lubricant per MIL-L-46010.

**PERFORMANCE:** MIL-N-25027, except as follows:

a. Axial Tensile Strength as tabulated.
b. "C" and "W" dimensions apply before forming self-locking feature.

# H14 SIX-POINT NUT H14

## ALLOY STEEL, REDUCED HEIGHT