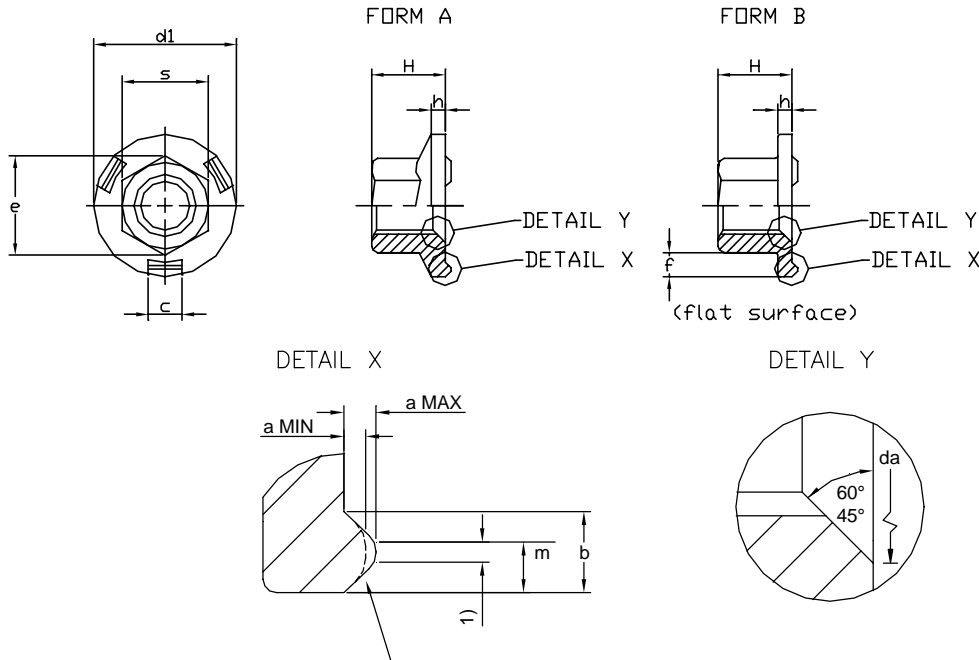


WORLDWIDE FASTENER STANDARD

Date: 2001-03-12

**WE 502
HEXAGON FLANGED WELD NUTS
PC 8 – THREAD CLASS 6H
CATEGORY 250.010**

**** NOTE: These products shall not be used when welding to Grade 98G98G-HD steel, as they do not comply with WE960 Clause 4.2.**



NATURAL MATERIAL FLOW PERMISSIBLE IN THIS AREA EXCEPT WHERE DEFINED IN 1) BELOW.

- 1) ON M8 ONLY, A SLIGHT FLAT NOT EXCEEDING 0.8 WIDE IS PERMISSIBLE PROVIDED IT DOES NOT EXTEND BEYOND m AS SHOWN IN DETAIL X. $m' = 2.8$ max.
NOTE: SHAPE OF WELD PROJECTIONS AT MANUFACTURE'S DISCRETION EXCEPT WHERE OTHERWISE SPECIFIED.

Dimensions in mm

Nominal Size		M6	M8	M10	M12	M14
Form	A or B	A	A	A	B	B
s	nom	10	13	15	18	21
e	ref max	11.54	15.01	17.32	20.14	23.53
H	max	7.0	8.0	10.0	13.5	14.5
d_1	± 0.5	14.2	17.0	22.0	30.0	33.0
d_a	± 0.5	7.0	9.5	11.5	14.0	16.0
a	± 0.2	1.0	1.0	1.2	1.2	1.2
b	± 0.2	2.75	3.00	2.75	3.50	3.50
c	± 0.2	6.2	6.2	7.2	8.2	8.2
f	min.	n/a	n/a	n/a	4.0	4.0
h	± 0.5	2.5	2.5	2.5	3.0	4.0
R	rad max	0.6	0.6	0.8	1.0	1.0
Ford Part Number		W520720	W520721	W520722	W520723	W520724

Thread: ISO 261 and 965
Material and Performance Specifications: WE 960, except Clause 4.2.
General Specifications: WE900
Finish: WX100

Example Description: **W520720 S300 NUT M6 HEX FLNG WLD**

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