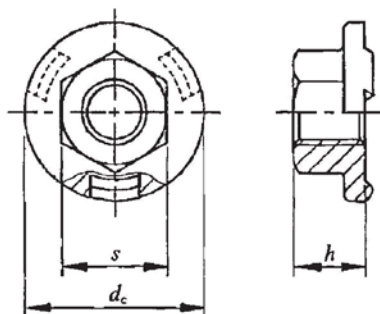
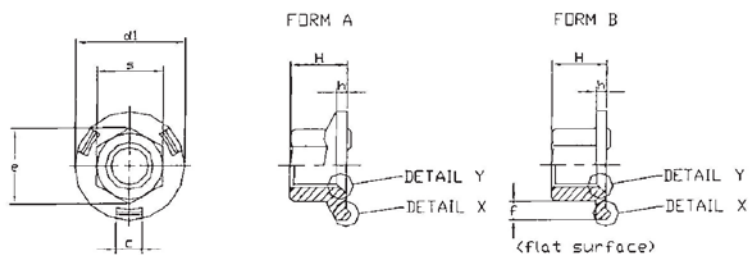


GM/FORD FLANGE WELD NUTS



GM Flange Weld Nuts

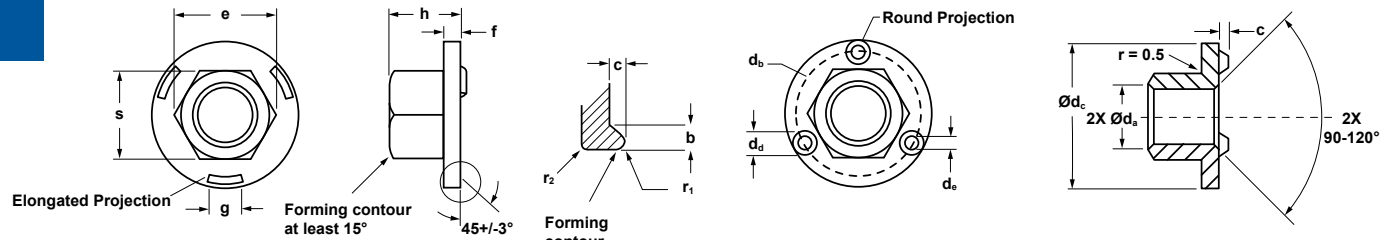
Nominal Size	Pitch	GM Part Numbers				
		s	h	d _c	Steel	
		Hex	Max.	Max.	Plain	Thread Mask
M6	1	10	7	18.5	11588322	11900454
M8	1.25	13	10	22.5	11588323	11900455
M10	1.50	16	13	26.5	11588324	11900456
M12	1.75	18	15	30.5	11588325	11900457
M14	2.00	21	17	34.5	11588313	-



Ford Flange Weld Nuts

Nominal Size	Pitch	Ford Part Numbers				
		s	e	H	d ₁	Steel
		Hex	Ref. Max.	Max.	±0.5	Plain
M6	1.00	10	11.54	7.0	14.2	W520720
M8	1.25	13	15.01	8.0	17.0	W520721
M10	1.50	16	17.32	10.0	22.0	W520722
M12	1.75	18	20.14	13.5	30.0	W520723
M14	2.00	21	23.53	14.5	33.0	W520724

FORD HEX FLANGE WELD NUTS



Ford Hex Flange Weld Nuts – Standard Projections

Nominal Size		M5	M6	M8	M10	M12	M14	M16
Pitch (Threaded)		0.8	1	1.25	1.5	1.75	2.0	2.0
Hole size (Unthreaded) ± 0.05		4.65	5.5	7.35	9.3	11.2	13.2	15.06
b	$+0.0 - 0.2$	2.2	2.7	2.7	2.95	3.2	3.45	3.7
c	± 0.1	0.8	0.8	1.0	1.2	1.2	1.2	1.2
d_a	max.	6.0	7.0	9.5	11.5	14.0	16.0	18.0
ϕd_b	± 0.2	10.9	13.2	17.2	21.2	24.5	27.5	30.5
d_c	min.	14.5	17.5	21.5	25.5	29.5	32.5	35.5
	max.	15.5	18.5	22.5	26.5	30.5	33.5	36.5
d_d	min.	3.3	4.0	4.0	4.0	4.7	4.7	4.7
	max.	3.6	4.3	4.3	4.3	5.0	5.0	5.0
d_e	min.	1.5	1.9	1.9	1.9	2.2	2.2	2.2
	max.	1.8	2.2	2.2	2.2	2.5	2.5	2.5
e	min.	8.2	10.6	13.6	16.9	19.4	22.4	25.0
f	min.	1.45	1.75	2.25	2.75	2.75	3.75	3.75
	max.	1.95	2.25	2.75	3.25	3.25	4.25	4.25
g	± 0.1	4.0	5.0	6.0	7.0	8.0	8.0	8.0
h	min.	4.70	6.64	9.64	12.57	14.57	16.16	18.66
	max.	5.00	7.00	10.00	13.00	15.00	17.00	19.5
s	h14	8.0	10.0	13.0	16.0	18.0	21.0	24.0
r_1	± 0.1	0.6	0.6	0.8	1.0	1.0	1.0	1.0
r_2	± 0.1	0.3	0.5	0.8	1.0	1.2	1.2	1.2
Recommended Panel Hole Dia.		See latest ESBUS5A-1294-AB <i>Global Generic Tolerances for Sheet Metal Components</i> or DR-020100-713387 <i>Fastener Projection Welding: Hole Size and Tolerance</i>						
Recommended Metal Thickness		See Design Rule DR-010100-705937 <i>Fastener Projection Welding Nut Usage Matrix</i>						
Elongated Projections								
Part Number	Threaded	W520750	W520751	W520752	W520753	W520754	W5208755	W520756
Part Number	Unthreaded	W520760	W520761	W520762	W520763	W520764	W520765	W520766
Round Projections								
Part Number	Threaded	W520770	W520771	W520772	W520773	W520774	W5208775	W520776
Part Number	Unthreaded	W520780	W520781	W520782	W520783	W520784	W520785	W520786