

STANDARD ENGINEERING INSTRUCTION

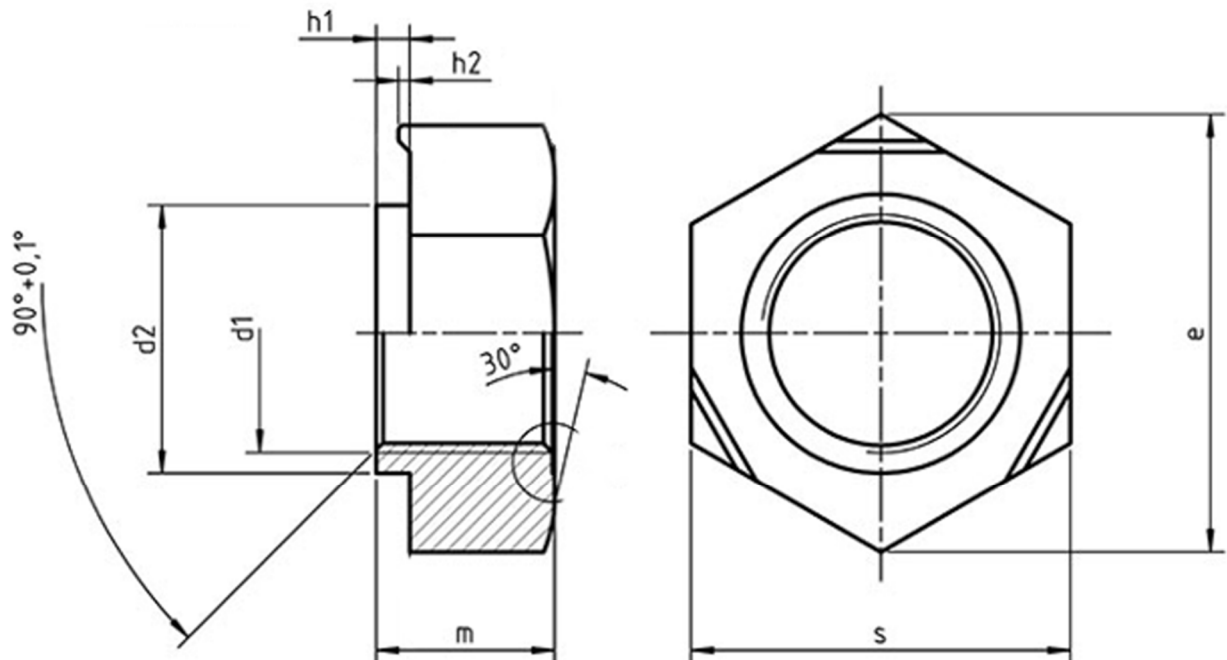
Metric Hexagon Weld Nuts (DIN 929)

DSP 1.1.8

1. Definition

DIN 929 weld are specialised metric hexagon nuts featuring a central locating boss and projection weld nibs designed to be permanently welded onto sheet metal and metal fabrications. They provide a robust, captive threaded fixing point, making them highly effective in applications where the reverse side of a panel is difficult to access after assembly.

2. Drawing of Weld Nut



3. Table for Steel Weld Nut

DIN 929 Welded Nuts Made of Steel								
Thread Size (d ₁)	Pitch (P)	Ring / Boss Dia. (d ₂)	Nut Height (m)	Across Flats (s)	Across Points (e)	Boss Height (h ₁)	Nib Height (h ₂)	ASMPT Part Number
M3	0.50	4.5	3	7.5	8.15	0.55	0.25	03011857-01
M4	0.70	6	3.5	9	9.83	0.65	0.35	03011858-01
M5	0.80	7	4	10	10.95	0.7	0.4	03003117-01
M6	1.00	8	5	11	12.02	0.75	0.4	03002558-01
M8	1.00	10.5	6.5	14	15.38	0.9	0.5	03011869-01
M8	1.25	10.5	6.5	14	15.38	0.9	0.5	00337605-01
M10	1.00	12.5	8	17	18.74	1.15	0.65	03011872-01
M10	1.25	12.5	8	17	18.74	1.15	0.65	03011871-01

Issue	01	02	03	04	05	06	07	08
Date	28/08/26							

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4. Table for Steel Weld Nut Continued.

DIN 929 Welded Nuts Made of Steel								
Thread Size (d ₁)	Pitch (P)	Ring / Boss Dia. (d ₂)	Nut Height (m)	Across Flats (s)	Across Points (e)	Boss Height (h ₁)	Nib Height (h ₂)	ASMPT Part Number
M10	1.50	12.5	8	17	18.74	1.15	0.65	03011870-01
M12	1.25	14.8	10	19	20.91	1.4	0.8	03011874-01
M12	1.50	14.8	10	19	20.91	1.4	0.8	03011875-01
M12	1.75	14.8	10	19	20.91	1.4	0.8	03011873-01
M14	1.50	16.8	11	22	24.27	1.8	1	03011877-01
M14	2.00	16.8	11	22	24.27	1.8	1	03011876-01
M16	1.50	18.8	13	24	26.51	1.8	1	03011879-01
M16	2.00	18.8	13	24	26.51	1.8	1	03011878-01

5. Table for Stainless Steel Weld Nut

DIN 929 Welded Nuts Made of Stainless Steel (A2)								
Thread Size (d ₁)	Pitch (P)	Ring / Boss Dia. (d ₂)	Nut Height (m)	Across Flats (s)	Across Points (e)	Boss Height (h ₁)	Nib Height (h ₂)	ASMPT Part Number
M3	0.50	4.5	3	7.5	8.15	0.55	0.25	03021991-01
M4	0.70	6	3.5	9	9.83	0.65	0.35	03021992-01
M5	0.80	7	4	10	10.95	0.7	0.4	03021993-01
M6	1.00	8	5	11	12.02	0.75	0.4	03021994-01
M8	1.00	10.5	6.5	14	15.38	0.9	0.5	03021996-01
M8	1.25	10.5	6.5	14	15.38	0.9	0.5	03021997-01
M10	1.00	12.5	8	17	18.74	1.15	0.65	03021998-01
M10	1.25	12.5	8	17	18.74	1.15	0.65	03021999-01
M10	1.50	12.5	8	17	18.74	1.15	0.65	03022000-01
M12	1.25	14.8	10	19	20.91	1.4	0.8	03022001-01
M12	1.50	14.8	10	19	20.91	1.4	0.8	03022002-01
M12	1.75	14.8	10	19	20.91	1.4	0.8	03022003-01
M14	1.50	16.8	11	22	24.27	1.8	1	03022004-01
M14	2.00	16.8	11	22	24.27	1.8	1	03022005-01
M16	1.50	18.8	13	24	26.51	1.8	1	03022006-01
M16	2.00	18.8	13	24	26.51	1.8	1	03022007-01

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