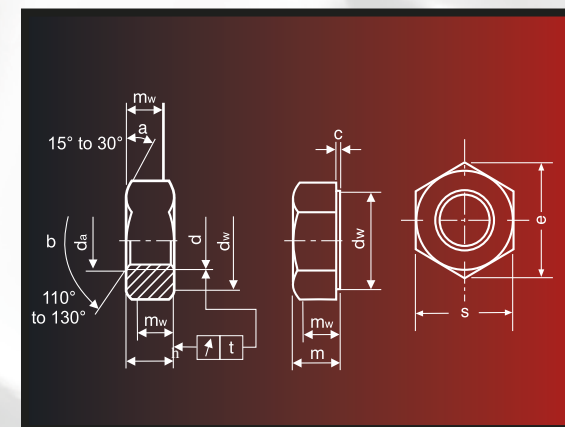


DIN 6915 HSFG HEX NUT P-1 & 2 (HR/HV)

DIN 6915-PI & PII Heavy Hex Nut (HR/HV)								Dimension		
Nominal Size & Thread Diameter <i>d</i>	Pitch <i>p</i>	<i>da</i>		<i>Across Flat Corner e</i>	<i>dw</i>	<i>mw</i>	<i>Across Flats s</i>		Thickness of nut <i>h</i>	
		max	min	Min	min	min	max	min	max	min
M12	1.75	13.0	12.0	23.91	20.0	7.71	22.0	21.16	10.0	9.64
M16	2.00	17.30	16.0	29.56	25.0	9.84	27.0	26.18	13.0	12.3
M20	2.50	21.60	20.0	35.03	30.0	11.92	32.0	31.00	16.0	14.9
M22	2.50	23.70	22.0	39.55	34.0	13.52	36.0	35.00	18.0	16.9
M24	3.00	25.90	24.0	45.20	39.0	14.96	41.0	40.00	20.0	18.7
M27	3.00	29.10	27.0	50.85	43.5	16.56	46.0	45.00	22.0	20.7
M30	3.50	32.40	30.0	55.37	47.5	18.16	50.0	49.00	24.0	22.7
M36	4.00	38.90	36.0	66.44	57.0	22.16	60.0	58.80	29.0	27.7

*for hot dip galvanized nuts, dimensions apply before galvanizing or coating.



Characteristic	Standard	
Material	Steel	
General requirements	ISO 898-2	
Thread	Tolerance	6H or 6AZ
	International standard	DIN 13-12 & 13-15 ISO 261, ISO 965-2, ISO 965-5
Mechanical Properties	Property Class	8 or 10
	European Class	EN 20898-2
Tolerances	Product Grade	B
	International standard	EN ISO 4759-1
Surface Finish	Normal	As processed
	Hot Dip Galvanized	DIN 267-10 / EN ISO 10684
	Others	To be agreed
Surface discontinuities	Limits of surface discontinuities as specified in EN 493	
Acceptance inspection	DIN EN ISO 3269 applies with regards to acceptance inspection.	

¹⁾ Steel bolt/nut assemblies using DIN 6914 bolts and DIN 6915 nuts are designed to comply with the requirement that if an adequately lubricated assembly fails due to over tightening. Stripping of the thread occurs rather than fracture of the bolt.

DIN 6915 Heavy Hex Nut Proof Loads. Classes 8 & 10			
Nut Thread Dia	Stress Area Standard Test Mandrel (mm ²) <i>A_s</i>	Property class	
		8	10
Tolerance Class 1) 6H or 2) 6AZ Proof Load KN (<i>A_s</i> x <i>S_p</i>) N			
M12	84.30	84.30	97.80
M16	157.70	157.0	182.1
M20	245.0	245.0	284.2
M22	303.0	303.0	351.2
M24	353.0	353.0	409.5
M27	459.0	459.0	532.4
M30	561.0	561.0	650.8
M36	817.0	817.0	947.7

6H is the tolerance class for self color & electro zinc plated nuts .
6AZ is the tolerance class for hot dip galvanized nuts.

