

Nut Metallurgy

Part	Spec. as per IS	Class	Size	Proof stress N/m <sup>2</sup>		Hardness (Non Mandetary)			State HT/NHT	RM preference
						Vickers	Rockwell - Min			
						HV	HRb	HRC		
Hex Nut	1367 :P6	8	M4 to M7	855		200	93		NHT	1015 - 1016
			M7 to M10	870						
Nyloc Nut			M10 to M16	880						
			M16 to M38	920		223	99		HT	EN8M - 15B25
Flange Nut	1367:P6	10	M7 to M10	1040		272		25	HT	10B21 - 15B25
			M10 to M16	1050						
Thin Nut	1367:P6	4	M4 to M36	380		188	89		NHT	EN1A - 1015
		5	M4 to M36	500		272		25	HT	EN19 - 15B25
Weld Nut	8856	Not be Marked	Size	Min Torque	Amp	188	89		NHT	1010 - 1015
			M6	1.49 Kgm	9500					
			M8	2.09 Kgm	11000					
			M10	3.80 Kgm	12500					