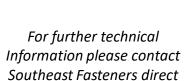


HEX NUTS - STRESS UNDER PROOF LOAD (MPa or N/mm²)										
Nominal	Pitch	Stress Area	Class 5	Class 8	Class 10	Class 12**	AS1252	Mild Steel	Sampson***	
Size	mm	mm²						Hex Coupler	•	
M3	0.50	5.03	520	800	1040	1140	-	520	-	
M4	0.70	8.78	520	800	1040	1140	-	520	-	
M5	0.80	14.20	580	855	1040	1140	-	580	-	
M6	1.00	20.10	580	870	1040	1140	-	580	-	
M8	1.25	36.60	590	870	1040	1140	-	590	1205	
M10	1.50	58.00	590	870	1050	1140	-	590	1205	
M12	1.75	84.30	610	880	1050	1170	1075	610	1205	
M14	2.00	115.00	610	880	1050	1170	-	610	1205	
M16	2.00	157.00	610	880	1050	1170	1075	610	1205	
M18	2.50	192.00	630	920	1060	1170	-	630	1205	
M20	2.50	245.00	630	920	1060	1170	1075	630	1205	
M22	2.50	303.00	630	920	1060	1170	1075	630	1205	
M24	3.00	353.00	630	920	1060	1170	1075	630	1205	
M27	3.00	459.00	630	920	1060	1170	1075	630	1205	
M30	3.50	561.00	630	920	1060	1170	1075	630	1205	
M33	3.50	694.00	630	920	1060	1170	1075	630	1205	
M36	4.00	817.00	630	920	1060	1170	1075	630	1205	
M39	4.00	976.00	630	920	1060	1170	-	630	1205	
M42*	4.50	1121.00	630	920	1060	1170	-	630	1205	
M48*	5.00	1473.00	630	920	1060	1170	-	630	1205	
M52*	5.00	1758.00	630	920	1060	1170	-	630	1205	
M64*	6.00	2676.00	630	920	1060	1170	-	630	1205	





^{*} Extrapolated. ** Extrapolated for >M16. *** Extrapolated >M36

Phone: ⁰⁷ 3268 7788 sales@sefqld.com.au



HEX NUTS - MINIMUM PROOF LOAD (KN)										
Nominal	Pitch	Stress Area	Class 5	Class 8	Class 10	Class 12**	AS1252	Mild Steel	Sampson***	
Size	mm	mm²						Hex Coupler		
M3	0.50	5.03	2.62	4.02	5.23	5.73	-	2.62	-	
M4	0.70	8.78	4.57	7.02	9.13	10.01	-	4.57	-	
M5	0.80	14.20	8.24	12.14	14.77	16.19	-	8.24	-	
M6	1.00	20.10	11.66	17.49	20.90	22.91	-	11.66	-	
M8	1.25	36.60	21.59	31.84	38.06	41.72	-	21.59	44.10	
M10	1.50	58.00	34.22	50.46	60.90	66.12	-	34.22	69.89	
M12	1.75	84.30	51.42	74.18	88.52	98.63	90.62	51.42	101.58	
M14	2.00	115.00	70.15	101.20	120.75	134.55	-	70.15	138.58	
M16	2.00	157.00	95.77	138.16	164.85	183.69	168.78	95.77	189.19	
M18	2.50	192.00	120.96	176.64	203.52	224.64	-	120.96	231.36	
M20	2.50	245.00	154.35	225.40	259.70	286.65	263.38	154.35	295.23	
M22	2.50	303.00	190.89	278.76	321.18	354.51	325.73	190.89	365.12	
M24	3.00	353.00	222.39	324.76	374.18	413.01	379.48	222.39	425.37	
M27	3.00	459.00	289.17	422.28	486.54	537.03	493.43	289.17	553.10	
M30	3.50	561.00	353.43	516.12	594.66	656.37	603.08	353.43	676.01	
M33	3.50	694.00	437.22	638.48	735.64	811.98	746.05	437.22	836.27	
M36	4.00	817.00	514.71	751.64	866.02	955.89	878.28	514.71	984.49	
M39	4.00	976.00	614.88	897.92	1034.56	1141.92	-	614.88	1176.08	
M42	4.50	1121.00	706.23	1031.32	1188.26	1311.57	-	706.23	1350.81	
M48	5.00	1473.00	927.99	1355.16	1561.38	1723.41	-	927.99	1774.97	
M52	5.00	1758.00	1107.54	1617.36	1863.48	2056.86	-	1107.54	2118.39	
M64	6.00	2676.00	1685.88	2461.92	2836.56	3130.92	-	1685.88	3224.58	



For further technical Information please contact Southeast Fasteners direct

