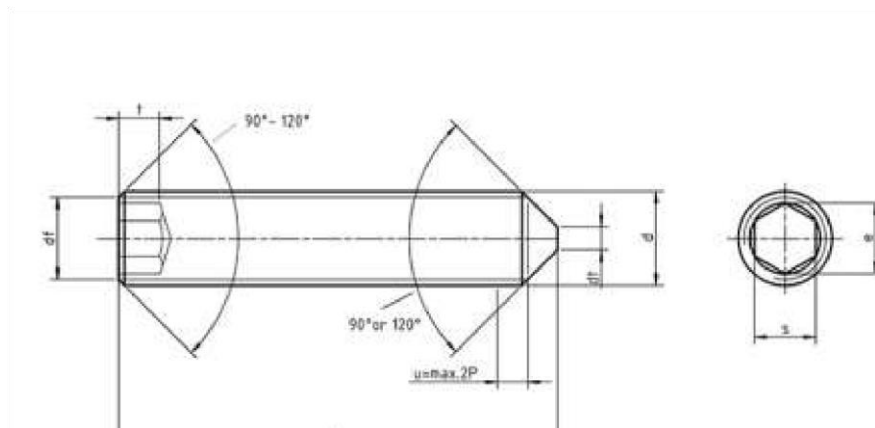




Product Dimensions, Standards and Weights

DIN 914 / ISO 4027 Technical Specifications

Metric DIN 914 Hexagon Socket Set Screws with Cone Point



Dimensions of Metric DIN 914 hexagon socket set screws with cone point

Thread d		M1.4	M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
P		0.3	0.35	0.4	0.45	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2.5	3
df	approx.	Lower limit of minor thread diameter													
dp	max.	0.7	0.8	1	1.5	2	2.5	3.5	4	5.5	7	8.5	12	15	18
	min.	0.45	0.55	0.75	1.25	1.75	2.25	3.2	3.7	5.2	6.64	8.14	11.57	14.57	17.57
e	min.	0.803	0.803	1.003	1.427	1.73	2.3	2.87	3.44	4.58	5.72	6.86	9.15	11.43	13.72
s	Nom.	0.7	0.7	0.9	1.3	1.5	2	2.5	3	4	5	6	8	10	12
	min.	0.711	0.711	0.889	1.27	1.52	2.02	2.52	3.02	4.02	5.02	6.02	8.025	10.025	12.032
	max.	0.724	0.724	0.902	1.295	1.545	2.045	2.56	3.08	4.095	5.095	6.095	8.115	10.115	12.142
t	min.	0.6	0.7	0.8	1.2	1.2	1.5	2	2	3	4	4.8	6.4	8	10
	min.	1.4	1.5	1.7	2	2	2.5	3	3.5	5	6	8	10	12	15



Weights of Metric DIN 914 hexagon socket set screws with cone point

Thread d			M1.4	M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
P			0.3	0.35	0.4	0.45	0.5	0.7	0.8	1	1.3	1.5	1.8	2	2.5	3
l			Weight (7.85kg/dm ³) kg/1000pcs													
Nominal	min.	max.														
2.5	2.3	2.7	0.018	0.023												
3	2.8	3.2	0.022	0.029	0.044											
4	3.76	4.24	0.029	0.037	0.059	0.1	0.13									
5	4.76	5.24	0.036	0.046	0.074	0.125	0.17	0.26								
6	5.76	6.24	0.049	0.056	0.089	0.15	0.21	0.34	0.49							
8	7.71	8.29			0.119	0.199	0.3	0.49	0.73	1.04						
10	9.71	10.29			0.148	0.249	0.39	0.64	0.97	1.39	2.35					
12	11.65	12.35					0.48	0.79	1.21	1.74	2.98	4.42				
16	15.65	16.35					0.66	1.09	1.69	2.44	4.24	6.42	8.9			
20	19.58	20.42					0.84	1.39	2.17	3.14	5.5	8.4	11.7	20.1		
25	24.58	25.42							2.77	4.02	7.09	10.8	15.3	26.6	40.7	
30	29.58	30.42								4.9	8.68	13.3	18.9	33.2	51	68.7
35	34.5	35.5								5.78	10.3	15.8	22.5	39.7	61.3	83.2
40	39.5	40.5									11.9	18.3	26.1	46.3	71.6	98.2
45	44.5	45.5													81.9	113
50	49.5	50.5													92.2	128
55	54.4	55.6														143
60	59.4	60.6														158

Metric DIN 914 hexagon socket set screws with cone point are headless and fully threaded screws with an internal hexagonal drive at one end and a conical shaped surface at the other. They are to be inserted through pre-drilled aligned holes which permit deep penetration into the opposing shaft and thus creating a high compressive force. Unique Fasteners offers one of the most complete ranges of metric set screws and other inch and metric industrial fasteners for immediate delivery from stock. The following sizes of DIN 914 hexagon socket set screws with cone point are available for immediate shipping from stock: Diameters ranging from M2 to M24 with lengths up to 100mm in steel and stainless steel A2 and A4.