



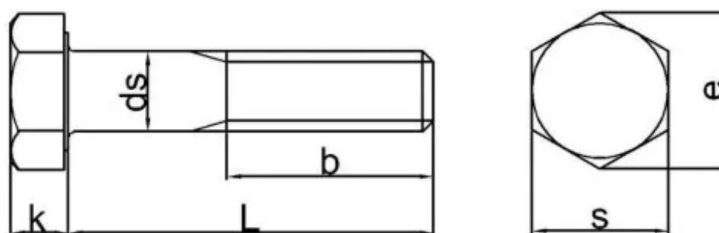
FICHA TÉCNICA

Tornillo hexagonal rosca parcial negro

Referencia: 0019 + Medida NEGRO

DIN 931

CLASE 12.9



Size	b			s		e	k		ds	
	(1)	(2)	(3)	min	max	min	min	max	min	max
M3	12	-	-	5.32	5.5	6.01	1.88	2.12	2.86	3
M4	14	-	-	6.78	7	7.66	2.68	2.92	3.82	4
M5	16	22	-	7.78	8	8.79	3.35	3.65	4.82	5
M6	18	24	-	9.78	10	11.05	3.85	4.15	5.82	6
(M7)	20	26	-	10.73	11	12.12	4.65	4.95	6.78	7
M8	22	28	-	12.73	13	14.38	5.15	5.45	7.78	8
M10	26	32	45	16.73	17	18.9	6.22	6.58	9.78	10
M12	30	36	49	18.67	19	21.1	7.32	7.68	11.73	12
(M14)	34	40	53	21.67	22	24.49	8.62	8.98	13.73	14
M16	38	44	57	23.67	24	26.75	9.82	10.18	15.73	16
(M18)	42	48	61	26.67	27	30.14	11.28	11.72	17.73	18
M20	46	52	65	29.67	30	33.53	12.28	12.72	19.67	20
(M22)	50	56	69	31.61	32	35.72	13.78	14.22	21.67	22
M24	54	60	73	35.38	36	39.98	14.78	15.22	23.67	24
(M27)	60	66	79	40	41	45.2	16.65	17.35	26.48	27
M30	66	72	85	45	46	50.85	18.28	19.12	29.48	30
(M33)	72	78	91	49	50	55.37	20.58	21.42	32.38	33
M36	78	84	97	53.38	55	60.79	22.08	22.92	35.38	36
(M39)	84	90	103	58.8	60	66.44	24.58	25.42	38.38	39

(1) For $L \leq 125\text{mm}$

(2) For $125 < L \leq 200\text{mm}$

(3) For $L > 200\text{mm}$