

Nominal Diameter d <sup>①</sup>		21	26	31	35	40	45	49	53.5	58.5	63.5	68.5	73.5	78.5	83.5
d <sub>2</sub>	Form D	15	19	23	27	31	34	37	40	43	46	50	54	58	64
	Form E	13	17	21	25	28	31	34	37	40	43	46	49	53	57
Screw Size		M 12	M 16	M 20	M 24	M 27	M 30	M 33	M 36	M 39	M 42	M 45	M 48	M 52	M 56
per 1000 units ≈ kg	Form D	1.33	1.91	2.74	3.06	3.85	5.37	5.70	7.70	9.70	13.00	13.50	15.60	17.20	17.60
	Form E	1.68	2.36	3.28	3.70	5.03	6.50	7.70	9.20	11.20	14.60	15.90	18.50	20.20	22.80

①, Form D for centering by nut  
Form E for marking by external thread diameter

Nominal Diameter $d$ ①		93.5	105	115	130	146	160	(176)	184	204	(220)	238	(250)	270
$d_2$	Form D	72	80	88	98	108	120	130	135	150	160	175	181	197
	Form E	65	73	81	91	101	111	121	126	141	151	161	171	181
Screw Size		M64	M 72 x 6	M80 x 6	M 90 x 6	M 100 x 6	M 110 x 6	M 120 x 6	M 125 x 8	M 140 x 8	M 150 x 8	M 160 x 8	M 170 x 8	M 180 x 8
per 1000 units $\approx$ kg	Form D	21.80	28.50	33.80	45.00	59.00	69.00	87.00	96.00	118.00	141.00	160.00	183.00	210.00
	Form E	27.80	35.10	41.00	53.00	69.00	82.00	101.00	111.00	134.00	158.00	189.00	205.00	247.00

①, Form D for centering by nut  
Form E for marking by external thread diameter