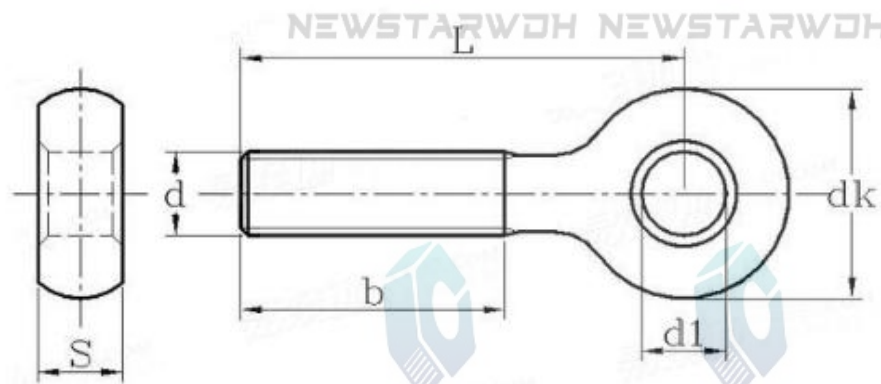




NEWSTARWDH

DIN 444



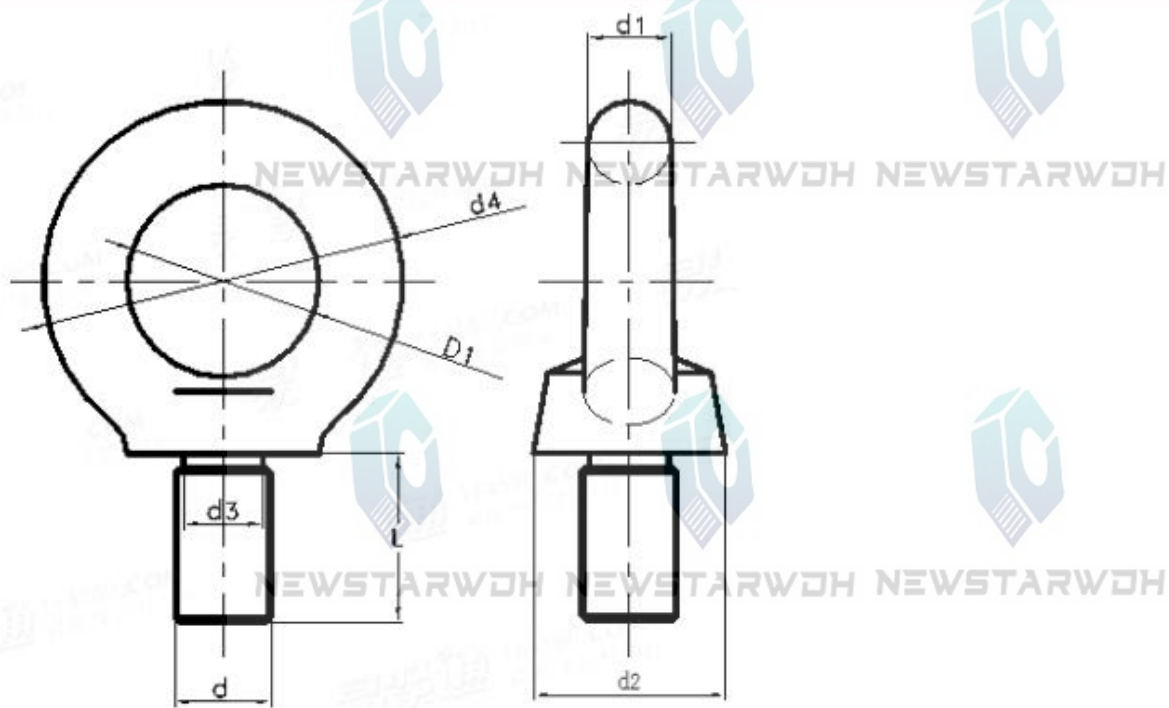
Unit: mm



Screw Thread d		M5	M6	M8	M10	M12	M16	M20	M24	(M27)
P	Pitch	0.8	1	1.25	1.5	1.75	2	2.5	3	3
b	L ≤ 125	16	18	22	26	30	38	46	54	60
	125 < L ≤ 200	/	/	28	32	36	44	52	60	66
	L > 200	/	/	/	/	49	57	65	73	79
d₁	max	5.03	6.03	8.036	10.036	12.043	16.043	18.043	22.052	24.052
	min	5	6	8	10	12	16	18	22	24
d_k	Type A max	12	14	18	20	25	32	40	45	50
	Type A min	10.9	12.9	16.9	18.7	23.7	30.4	38.4	43.4	48.4
	Type B and C max	12	14	18	20	25	32	40	45	50
	Type B and C min	11.57	13.57	17.57	19.48	24.48	31.38	39.38	44.38	49.38
s	Type A max	8	9	11	14	17	19	24	28	30
	Type A min	7.52	8.52	10.3	13.3	16.3	18.16	23.16	27.16	29.16
	Type B and C max	6	7	9	12	14	17	22	25	27
	Type B and C min	5.88	6.85	8.85	11.82	13.82	16.82	21.79	24.79	26.79
Weight of per 1000 steel products(≈kg)		-	-	-	-	-	-	-	-	-

Screw Thread d		(M27)	M30	M30	(M33)	M36	M36	(M39)	(M39)
P	Pitch	3	3.5	3.5	3.5	4	4	4	4
	L ≤ 125	60	66	66	/	/	/	/	/
	125 < L ≤ 200	66	72	72	78	84	84	90	90
b	L > 200	79	85	85	91	97	97	103	103
	max	25.052	27.052	28.052	30.052	32.062	33.062	35.062	36.062
	min	25	27	28	30	32	33	35	36
d₁	Type A max	50	55	55	60	65	65	70	70
	Type A min	48.4	53.1	53.1	58.1	63.1	63.1	68.1	68.1
	Type B and C max	50	55	55	60	65	65	70	70
d_k	Type B and C min	49.38	54.26	54.26	59.26	64.26	64.26	69.26	69.26
	Type A max	30	34	34	38	41	41	46	46
	Type A min	29.16	33	33	37	40	40	45	45
s	Type B and C max	27	30	30	34	38	38	41	41
	Type B and C min	26.79	29.79	29.79	33.75	37.75	37.75	40.75	40.75
Weight of per 1000 steel products(≈kg)		-	-	-	-	-	-	-	-

DIN 580



Unit: mm



Screw Thread d		M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33
d ₂	Nominal Size	20.0	20.0	25.0	30.0	35.0	35.0	40.0	40.0	50.0	50.0	65.0	65.0	75.0
	min	19.5	19.5	24.5	29.5	34.5	34.5	39.5	39.5	49.4	49.4	64.3	64.3	74.3
	max	20.9	20.9	25.9	30.9	36.1	36.1	41.1	41.1	51.2	51.2	66.3	66.3	76.5
d ₄	Nominal Size	36.0	36.0	45.0	54.0	63.0	63.0	72.0	72.0	90.0	90.0	108.0	108.0	126.0
	min	35.5	35.5	44.5	53.5	62.5	62.5	71.5	71.5	89.4	89.4	107.3	107.3	125.2
	max	37.1	37.1	46.1	55.1	64.1	64.1	73.1	73.1	91.2	91.2	109.5	109.5	127.7
D ₁	Nominal Size	20.0	20.0	25.0	30.0	35.0	35.0	40.0	40.0	50.0	50.0	60.0	60.0	70.0
	min	19.1	19.1	24.1	29.1	33.9	33.9	38.9	38.9	48.8	48.8	58.7	58.7	68.5
	max	20.5	20.5	25.5	30.5	35.5	35.5	40.5	40.5	50.6	50.6	60.7	60.7	70.7
d ₃	max=nominal size	4.4	6.0	7.7	9.4	11.0	13.0	14.4	16.4	18.4	19.6	22.6	25.0	28.0
	min	4.22	5.82	7.48	9.18	10.73	12.73	14.13	16.13	18.07	19.27	22.29	24.67	27.61
d ₁	Nominal Size	8.0	8.0	10.0	12.0	14.0	14.0	16.0	16.0	20.0	20.0	24.0	24.0	28.0
	min	7.5	7.5	9.5	11.5	13.5	13.5	15.5	15.5	19.5	19.5	23.4	23.4	27.3
	max	8.9	8.9	10.9	12.9	14.9	14.9	16.9	16.9	21.1	21.1	25.2	25.2	29.3
L	Nominal Size	13.0	13.0	17.0	20.5	27.0	27.0	30.0	30.0	36.0	36.0	45.0	45.0	54.0
	min	12.65	12.65	16.65	20.08	26.58	26.58	29.58	29.58	35.5	35.5	44.5	44.5	53.5
	max	13.35	13.35	17.35	20.92	27.42	27.42	30.42	30.42	36.5	36.5	45.5	45.5	54.5
per unit ≈ kg		0.0572	0.06	0.11	0.18	0.27	0.28	0.438	0.45	0.725	0.74	1.624	1.66	2.596

Screw Thread d		M36	M39	M42	M45	M48	M52	M56	M60	M64	M72×6	M80×6	M100×6
d ₂	Nominal Size	75.0	85.0	85.0	100.0	100.0	110.0	110.0	120.0	120.0	150.0	170.0	190.0
	min	74.3	84.3	84.3	99.2	99.2	108.9	108.9	118.9	118.9	148.8	168.5	188.5
	max	76.5	86.5	86.5	101.7	101.7	112.1	112.1	122.1	122.1	152.4	173.0	193.0
d ₄	Nominal Size	126.0	144.0	144.0	166.0	166.0	184.0	184.0	206.0	206.0	260.0	296.0	330.0
	min	125.2	143.2	143.2	164.9	164.9	182.8	182.8	204.8	204.8	258.5	294.3	328.3
	max	127.7	145.7	145.7	168.1	168.1	186.4	186.4	208.4	208.4	263.0	299.3	333.3
D ₁	Nominal Size	70.0	80.0	80.0	90.0	90.0	100.0	100.0	110.0	110.0	140.0	160.0	180.0
	min	68.5	78.5	78.5	88.3	88.3	98.1	98.1	107.9	107.9	137.6	157.3	177.0
	max	70.7	80.7	80.7	90.8	90.8	100.9	100.9	111.1	111.1	141.2	161.3	181.5
d ₃	max=nominal size	30.3	33.3	35.6	38.6	41.0	45.0	48.3	52.3	55.7	63.7	71.7	91.7
	min	29.91	32.91	35.21	38.21	40.61	44.54	47.91	51.84	55.24	63.24	71.24	91.16
d ₁	Nominal Size	28.0	32.0	32.0	38.0	38.0	42.0	42.0	48.0	48.0	60.0	68.0	75.0
	min	27.3	31.3	31.3	37.2	37.2	41.1	41.1	47.1	47.1	58.9	66.8	73.8
	max	29.3	33.3	33.3	39.7	39.7	43.9	43.9	49.9	49.9	62.1	70.4	77.4
L	Nominal Size	54.0	63.0	63.0	68.0	68.0	78.0	78.0	90.0	90.0	100.0	112.0	130.0
	min	53.5	62.4	62.4	67.4	67.4	77.4	77.4	89.3	89.3	99.3	111.3	129.2
	max	54.5	63.6	63.6	68.6	68.6	78.6	78.6	90.7	90.7	100.7	112.7	130.8
per unit ≈ kg		2.65	3.78	4.03	6.244	6.38	8.566	8.8	12.13	12.4	23.3	34.2	49.1