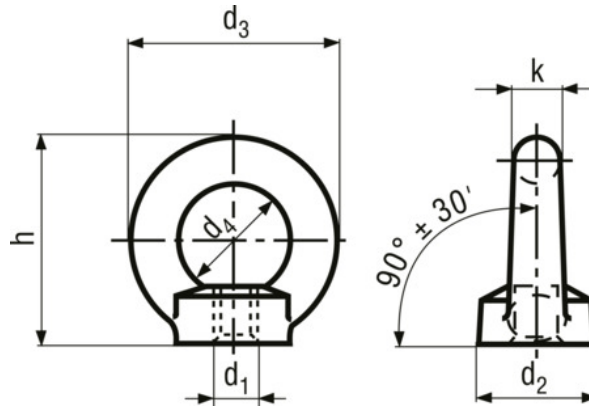


Lifting eye nuts

BN 260



Standard

DIN 582, ~ČSN 021669

Additional information

Observe user information according to DIN 582.
Supply possibilities for fine threads and other types of threads on request.

Thread

fully threaded

Material

Steel

Material type

C15E

Surface

zinc plated blue

Notes on use



Functional principle

Lifting eye nuts according to this specification are primarily used as static load-bearing devices for permanent attachment to the object.
Taking into account a safety factor in relation to the minimum breaking force according to the standard, ring nuts have the load capacities (kg) specified in the table for single-strand fastening.

The load capacities in the table assume that:

- the ring nut is fully screwed on,
- the ring nut rests flat and fully on the bearing surface,
- the length of the counter-thread is sufficient,
- the strength of the element with the mating thread (screw) is sufficient,
- there are no shock loads,
- there is a permissible temperature range from -20 °C to 200 °C.

Assembly notice

Max. load capacity in kg depending on the load direction

A: axial per eye nut

B: per eye nut $\leq 45^\circ$

C: each eye nut $> 45^\circ$ to 60° or the side of each eye nut $\leq 45^\circ$

Lifting eye nuts must always be tightened to the contact surface. Transverse loads are not allowed. To ensure the correct position, suitable washers must be used.

Washer is required under screw head.

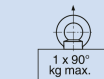
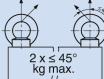
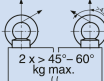
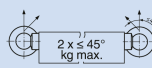
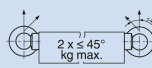
The table specifications must not be added for multi-strand load supports.

Note: Lifting eye nuts must be checked for tight fit and obvious damage (corrosion, cracks, impact marks, deformation) before use.

Lifting eye nuts must not be exposed to chemical influences (in particular acids, acid vapors and pickling).

Lifting eye nuts with obvious deformations or other damage must no longer be used. Subsequent color coding of the ring nuts, especially in red, should be avoided in order to prevent the risk of confusion with high-strength attachment

Illustration assembly

A		M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27
		75	140	230	340	490	700	850	1200	1400	1800	2100
B		M30	M33	M36	M39	M42	M45	M48	M52	M56	M64	M72x6
		3200	3200	4600	4600	6300	6300	8600	8600	11500	16000	20000
C		M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27
		55	100	170	240	350	500	600	860	1000	1290	1500
		M30	M33	M36	M39	M42	M45	M48	M52	M56	M64	M72x6
		2300	2300	3300	3300	4500	4500	6100	6100	8200	11000	14000
		M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27
		38	70	115	170	245	350	425	600	700	900	1050
		M30	M33	M36	M39	M42	M45	M48	M52	M56	M64	M72x6
		1600	1600	2300	2300	3150	3150	4300	4300	5750	8000	10000

Warnings

When used as load handling accessories, the products are subject to EC Directive 2006/42/EC with the corresponding safety requirements. The installation instructions and load capacities must be respected. Lifting eye nuts according to this specification are primarily used as load handling devices for permanent attachment to assemblies such as motors, switch cabinets, gearboxes, etc. for their transport. For alternating use on different transport objects, ring nuts with the next largest thread diameter must be used! The rules of EN 818-4 should be considered for multi-strand slings. Lifting eye nuts have to be checked by a specialist after installation and at regular intervals to assess the risk.

M6a: not included in DIN 582

Article no.	d1	h	d3	d2	d4	k
9016241	M6	36	36	20	20	8
3457972	M6a	27,5	27	16	14	6,5
1107372	M8	36	36	20	20	8
1107380	M10	45	45	25	25	10
1107399	M12	53	54	30	30	12
1431927	M14	62	63	35	35	14
1107402	M16	62	63	35	35	14
9016468	M18	71	72	40	40	16
1107410	M20	71	72	40	40	16
9016469	M22	90	90	50	50	20
1107429	M24	90	90	50	50	20
1042408	M27	109	108	65	60	24
1107437	M30	109	108	65	60	24
9016470	M33	128	126	75	70	28
1107445	M36	128	126	75	70	28
9016471	M39	147	144	85	80	32
9016472	M45	168	166	100	90	38
9016473	M52	187	184	110	100	42