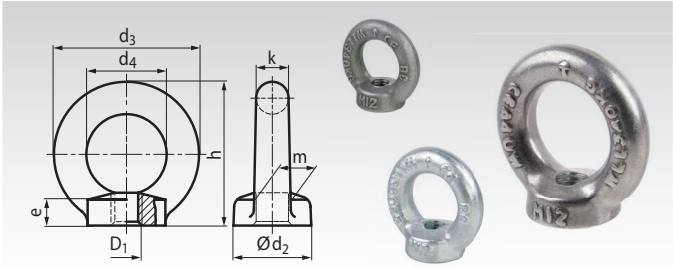
Lifting Eye Nuts DIN 582 (Ring Nuts), Steel and Stainless Steel, forged version

Material: Steel C15E, Steel C15E zinc-plated, Stainless steel A2 and Stainless Steel A4.

STAINLESS

- For lifting and transport activities.
- For security areas and high requirement.
- For permanent attachment to transport parts.
- With CE marking and user information.

Temperature range: -20°C to +200°C.



Ordering Details: e.g.: Product No. 654 586 06, Lifting Eye Nut DIN 582, M6, C15E

Product No. C15E	Product No. C15E zinc-pl.	Product No. Stainless A2	Product No. Stainless A4	D_1 mm	d_2 mm	d_3 mm	d_4 mm	e mm	h mm	k mm	m mm	F_1 max.* kg	F_2 max.* kg	F_3 max.* kg	Weight kg
654 586 06	**654 587 06**	**654 588 06**	**654 590 06**	M6	20	36	20	8,5	36	8	10	75	55	38	0,05
654 586 08	**654 587 08**	**654 588 08**	**654 590 08**	M8	20	36	20	8,5	36	8	10	140	100	70	0,05
654 586 10	**654 587 10**	**654 588 10**	**654 590 10**	M10	25	45	25	10	45	10	12	230	170	115	0,09
654 586 12	**654 587 12**	**654 588 12**	**654 590 12**	M12	30	54	30	11	53	12	14	340	240	170	0,16
654 586 16	**654 587 16**	**654 588 16**	**654 590 16**	M16	35	63	35	13	62	14	16	700	500	350	0,24
654 586 20	**654 587 20**	**654 588 20**	**654 590 20**	M20	40	72	40	16	71	16	19	1200	860	600	0,36
654 586 24	**654 587 24**	**654 588 24**	**654 590 24**	M24	50	90	50	20	90	20	24	1800	1290	900	0,72
654 586 30	**654 587 30**	-	-	M30	65	108	60	25	109	24	28	3200	2300	1600	1,32
654 586 36	**654 587 36**	-	-	M36	75	126	70	30	128	28	32	4600	3300	2300	2,08
654 586 42	**654 587 42**	-	-	M42	85	144	80	35	147	32	38	6300	4500	3150	3,11

* With a 6-fold safety.

Mounting Instruction - User Information according to DIN 582:2018-04

Eye nuts conforming to this standard are primarily intended as permanent attachments on equipment such as motors, control cabinets, gear boxes, etc. When used as temporary attachments on larger objects such as large tools for transportation only, the next largest thread size is to be used. When using eye bolts / eye nuts with multistrand chain slings, the relevant standards, such as DIN EN 818-4 shall be observed.

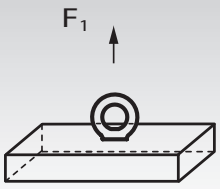
The specifications of the table apply only if

- the eye nut shank is fully engaged (assuming adequate thread length);
- the eye nut is firmly screwed down and the collar sits evenly on the contact surface;
- the material of the equipment is capable of accommodating the stresses induced without any deformation liable to impair safety;
- the thread length of the counter part (screw) is sufficient and the strength of the part with the threaded stud is high enough. If using a screw, a washer being used if the thread length so permits.
- The values F2 given in line 2 of table apply only if the angle between each sling branch and the vertical does not exceed 45°. The values F3 given in line 3 of the table apply for cases where the load acts in parallel to the plane of the eye. Any lateral loading of eye nuts should be avoided (see last figure).

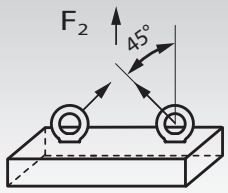
If the mounted eye nuts shall have a determinated position to an axis or an edge or similar, suitable spacers / distance washers must be used to avoid inadmissible loads.

Before being used, eye nuts should be checked for correct seating and apparent damage (e.g. corrosion, deformation). Deformed eye bolts / eye nuts should be discarded.

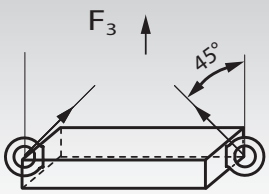
In order to preclude mistaking eye nuts for high-strength fixing points, the bolts or nuts should not be colour marked in use (and particularly not marked in red).



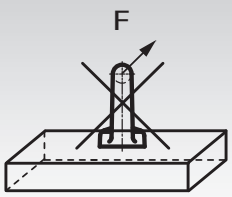
Axially load capacity per lifting eye nut.



Load capacity per lifting eye nut at max. 45°.



Lateral load capacity per lifting eye nut at max. 45°.



Any lateral load must be avoided.

Marking according to DIN 582:2018-04

Eye nuts shall be permanently marked by embossing the following: manufacturer's trademark; symbol denoting the material grade (e.g. C15E or A2); lifting capacity, axial, (WLL = Working Load Limit in kg, see Table, F1); arrow indicating the axial direction. Space shall be provided to apply any marking required by statutory regulations (e.g. CE marking).