



## STARPOINT VARIO EYEBOLT/EYENUT AND INOX STAR - VRS/VRM

RUD VRM Eye nut can be adjusted to the direction of pull.

### FEATURES

- Higher load capacities than DIN 582-Eyenuits.
- Star shaped design. A clear distinction from the DIN 582 eye nut.
- Colour : A striking fluorescent pink powder coating.

### IDENTIFICATION

- Clear WLL indication for the most unfavourable load direction F (not permissible for DIN 582). Star shaped design. A clear distinction from the DIN 582 eye nut.
- Forged material 1.6541, high tensile and annealed, 100% electromagnetic crack detected according to EN 1677-1 and with a 4:1 design factor. In a tightened condition, the VRS must swivel 360°. Adjust the VRS to the direction of pull, before attaching the lifting means.
- The WLL values are only valid in connection with quality class 10.9 threaded bolts. The threads of the nut must exactly engage the bolt threads.
- The mounted thread pin must ensure a perfect fitting of the seat - engaging surface of the eye nut onto the work piece.
- Eye nuts, whose nut inserts do not perfectly lie on to the work piece should never be loaded. Not suitable for swivelling under load.
- Impact loaded or when operated in environments with vibrations, unintentional loosening can happen.
- Securing possibilities: Use of a liquid thread securing medium eg. Loctite ( follow the manufacturer`s recommendations).

### Please note:

- Lateral loads with eye nuts acc. to DIN 582 are forbidden.
- With multiple-point-suspensions at 2- leg and 3 / 4-leg, the positioning of the eye bolt has to the direction of pull.
- This can only be realized with RUD STARPOINT eye nuts as they are adjustable to the direction of pull when fitted

### LOAD DIRECTION

CODE	TYPE	THREAD SIZE	LOAD DIRECTION															
			1 Leg			2 Legs			3-4 Legs									
			0	90	0	0	45	45	60	90	unsym-	metrical	0	45	45	60	unsym-	metrical
5590506	VRS M6	6	0.5	0.1	1	0.14	0.1	0.2	0.1				0.21	0.15	0.1			
5590506	VRS M8	8	1	0.3	2	0.42	0.3	0.6	0.3				0.63	0.45	0.3			

**LOAD DIRECTION**

5590506	VRS M10	10	1	0.4	2	0.56	0.4	0.8	0.4	0.8	0.6	0.4
5590506	VRS M12	12	2	0.7	4	1	0.7	1.5	0.7	1.5	1.1	0.7
5590506	VRS M16	16	4	1.5	8	2.1	1.5	3	1.5	3.1	2.2	1.5
5590506	VRS M20	20	6	2.3	12	3.2	2.3	4.6	2.3	4.8	3.4	2.3
5590506	VRS M24	24	8	3.2	16	4.5	3.2	6.4	3.2	6.7	4.8	3.2
5590506	VRS M30	30	12	4.5	24	6.3	4.5	9	4.5	9.4	6.7	4.5
5590406	VRS M36	36	16	7	32	9.8	7	14	7	14.7	10.5	7
5590406	VRS M42	42	24	9	48	12.6	9	18	9	18.9	13.5	9
5590406	VRS M48	48	32	12	64	16.8	12	24	12	25	18	12
5590406	VRM M6	6	0.5	0.1	1	0.14	0.1	0.2	0.1	0.21	0.15	0.1
5590408	VRM M8	8	1	0.3	2	0.42	0.3	0.6	0.3	0.63	0.45	0.3
5590410	VRM M10	10	1	0.4	2	0.56	0.4	0.8	0.4	0.8	0.6	0.4
5590412	VRM M12	12	2	0.7	4	1	0.7	1.5	0.7	1.5	1.1	0.7
5590416	VRM M16	16	4	1.5	8	2.1	1.5	3	1.5	3.1	2.2	1.5
5590420	VRM M20	20	6	2.3	12	3.2	2.3	4.6	2.3	4.8	3.4	2.3
5590424	VRM M24	24	8	3.2	16	4.5	3.2	6.4	3.2	6.7	4.8	3.2
5590430	VRM M30	30	12	4.5	24	6.3	4.5	9	4.5	9.4	6.7	4.5
5590312	INOX M12	12	1.2	0.5	2.4	0.7	0.5	1	0.5	1	0.7	0.5
5590316	INOX M16	16	2.4	1	4.8	1.4	1	2	1	2.1	1.5	1
5590320	INOX M20	20	3.6	2	7.2	2.8	2	4	2	4.2	3	2
5590324	INOX M24	2	5.2	2.5	10.4	3.5	2.5	5	2.5	5.3	3.7	2.5
5590330	INOX M30	30	-	-	-	-	-	-	-	-	-	-