

Lifting Eye RUD VRS-F STARPOINT

Product information



Star shaped design can be adjusted to the direction of pull. Multi-directional threaded design, load rating up to six times the capacity of collared eye nuts. Higher load capacities than DIN 580-Eyebolts

UNC/UN Variants

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Material: Forged high tensile engineering steel, crack detected

Marking: According to standard, WLL

Finish: Striking fluorescent pink powder coating

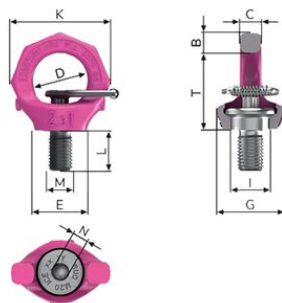
Standard: EN 1677-1

Safety factor: 4:1

Grade: 10

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Blueprint













Technical data

Part code	Code	WLL ton	Thread mm	B mm	C mm	D, mm	E mm	G, mm	I mm mm	K mm	L mm	N mm mm	T mm	M mm mm	Weight kg
46040185B	VRS-F	0.1	M6	9	7	20	23	28	13	37	9	6	28	M6	0.07
46040186B	VRS-F	0.3	M8	11	9	25	25	30	16.3	47	12	6	35	M8	0.12
46040187B	VRS-F	0.4	M10	11	9	25	25	30	16.3	47	15	6	35	M10	0.12
46040159B	VRS-F	0.75	M12	13	10	30	30	34	19.8	56	18	8	42	M12	0.21
46040188B	VRS-F	0.75	M14	13	10	30	30	34	19.8	56	18	8	42	M14	0.22
11.427101314	VRS-F	1.5	M16	15	13	35	36	40	23.5	65	24	10	49	M16	0.36
46040189B	VRS-F	1.5	M18	15	13	35	36	40	23.5	65	24	10	49	M18	0.39
46040119B	VRS-F	2.3	M20	17	16	40	41	50	29.3	76	30	12	58	M20	0.6
46040191B	VRS-F	3.2	M24	20	19	49	51	60	35	92	36	14	70	M24	1.05
46040192B	VRS-F	3.2	M27	20	19	49	51	60	35	92	36	14	70	M27	1.18
46040193B	VRS-F	4.5	M30	26	24	60	66	75	44	114	45	17	87	M30	2.08
46040195B	VRS-F	7	M36	32	29	73	76	98	53	135	54	22	104	M36	3.49
46040196B	VRS-F	9	M42	37	33	84	86	111	62	158	63	24	121	M42	5.4
46040197B	VRS-F	12	M48	42	42	94	100	128	70	180	72	27	138	M48	8.17

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Working load limit in metric tons

Method of lift											
Number of legs	1	1	2	2	2	2	2	3 / 4	3 / 4	3 / 4	
Angle of inclination β	0°-7°	90°	0°-7°	90°	0-45°	>45-60°	Unsymm.	0-45°	>45-60°	Unsymm.	
factor		1		2	1.4	1	1	2.1	1.5	1	
Safety factor 4:1		for the max. total load weight <math>>G</math> in metric tons, tightened and adjusted to force direction									
M6	1/4"-20UNC	0.5	0.1	1	0.2	0.14	0.1	0.1	0.21	0.15	0.1
M8	5/16"-18UNC	1	0.3	2	0.6	0.42	0.3	0.3	0.63	0.45	0.3
M8x1	-										
M10	3/8"-16UNC	1	0.4	2	0.8	0.56	0.4	0.4	0.84	0.6	0.4
M10x1	7/16"-14UNC										
M12	1/2"-13UNC	2	0.75	4	1.5	1	0.75	0.75	1.57	1.12	0.75
M12x1,5	-										
M14	-										
M16	5/8"-11UNC	4	1.5	8	3	2.1	1.5	1.5	3.15	2.25	1.5
M16x1,5	-										
M18	3/4"-16UNF	6	2.3	12	4.6	3.22	2.3	2.3	4.83	3.45	2.3
M20	3/4"-10UNC										
M20x2	-										
M22	7/8"-9UNC	8	3.2	16	6.4	4.5	3.2	3.2	6.7	4.8	3.2
M24	1"-8UNC										
M24x2	1 1/8"-8UN										
M27	1 1/8"-7UNC										
M30	1 1/4"-8UN	12	4.5	24	9	6.3	4.5	4.5	9.5	6.75	4.5
M30x2	1 1/4"-7UNC										
M33	-										
M36	1 1/2"-8UN	16	7	32	14	9.8	7	7	14.7	10.5	7
M36x3	1 1/2"-6UNC										
M42	1 3/4"-5UNC	24	9	48	18	12.6	9	9	18.9	13.5	9
M48	2"-4,5UNC	32	12	64	24	16.8	12	12	25.2	18	12
M56	-	50	16	100	32	22.4	16	16	33.6	24	16
M64	-	60	20	120	40	28	20	20	42	30	20
Safety factor 4:1		for the max. total load weight <math>>G</math> in lbs, tightened and adjusted to force direction									