RS / RM

Eye bolt / eye nut.

4:1 | M | MF | UNC | 8-UN | UNF | BSW | BLUE-ID | 400°C max. | -40° 100°C | VARIO | G

(1)

RUD RFID CONNECT IT



RS (1) RM

PRODUCT FEATURES

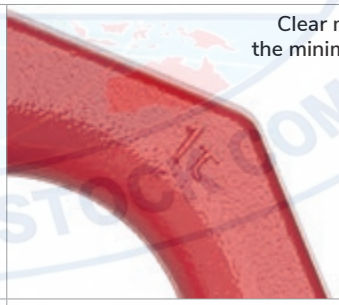
- Large WLL range 0.1 t–8 t.
- Much higher WLL (in comparison to DIN 580/582) with vertical load.
- Wide range of threads: M, MF, UNC, UNF, 8UN, BSW, G.
- Clear indication of the minimum WLL for all loading directions.
- Fast and simple installation.

Higher WLL in comparison to DIN 580/582.





Large thread/WLL range.



Clear marking of the minimum WLL.

WLL Y



WLL Z



RS

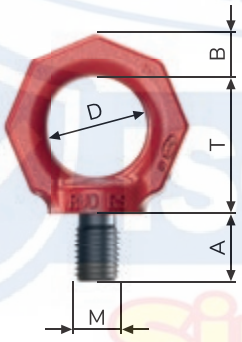
Metric thread.

RS – METRIC THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RS-M6	0.1	0.1	34	12	11	10	25	25	M6	61401
RS-M8	0.2	0.1	34	12	11	10	25	25	M8	61402
RS-M10	0.25	0.1	34	15	11	10	25	25	M10	56397
RS-M12	0.4	0.18	41	18	13	12	30	30	M12	56398
RS-M14	0.75	0.3	48	21	15	14	35	35	M14	56403
RS-M16	1	0.3	48	24	15	14	35	35	M16	56404
RS-M18	1.2	0.4	55	30	17	16	40	40	M18	53850
RS-M20	1.5	0.47	55	30	17	16	40	40	M20	56407
RS-M22	1.5	0.65	70	36	21	20	50	50	M22	53346
RS-M24	2	0.88	70	36	21	20	50	50	M24	56408
RS-M27	2	1.6	85	45	26	24	60	60	M27	53347
RS-M30	3	1.62	85	45	26	24	60	60	M30	56409
RS-M33	3	6.1	130	50	43	38	90	100	M33	57770
RS-M36	4	6.3	130	54	43	38	90	100	M36	56954
RS-M39	5	6.4	130	59	43	38	90	100	M39	57771
RS-M42	6	6.5	130	63	43	38	90	100	M42	56955
RS-M45	7	6.6	130	67	43	38	90	100	M45	58044
RS-M48	8	6.7	130	67	43	38	90	100	M48	56956

Subject to technical changes!

RS



RS



Special lengths up to 900 mm possible on request 8600625.

RS

Metric fine thread / pipe thread ISO 228-1.

RS – METRIC FINE THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RS-M10x1	0.25	0.1	34	15	11	10	25	25	M10 x 1	7985047
RS-M10x1.25	0.25	0.1	34	15	11	10	25	25	M10 x 1.25	56877
RS-M12x1	0.4	0.18	41	18	13	12	30	30	M12 x 1	56868
RS-M12x1.25	0.4	0.18	41	18	13	12	30	30	M12 x 1.25	56869
RS-M12x1.5	0.4	0.18	41	18	13	12	30	30	M12 x 1.5	59830
RS-M14x1.5	0.75	0.3	48	21	15	14	35	35	M14 x 1.5	53844
RS-M16x1.5	1	0.3	48	24	15	14	35	35	M16 x 1.5	59832
RS-M18x1.5	1.2	0.45	55	30	17	16	40	40	M18 x 1.5	50986
RS-M20x1.5	1.5	0.47	55	30	17	16	40	40	M20 x 1.5	57203
RS-M20x2	1.5	0.47	55	30	17	16	40	40	M20 x 2	59833
RS-M22x1.5	1.5	0.78	70	34	21	20	50	50	M22 x 1.5	7901656
RS-M24x1.5	2	0.88	70	36	21	20	50	50	M24 x 1.5	57210
RS-M24x2	2	0.88	70	36	21	20	50	50	M24 x 2	59834
RS-M27x2	2	1.6	85	45	26	24	60	60	M27 x 2	57259
RS-M30x2	3	1.6	85	45	26	24	60	60	M30 x 2	59835
RS-M36x3	4	6.3	130	54	43	38	90	100	M36 x 3	53853
RS-M42x3	6	6.5	130	63	43	38	90	100	M42 x 3	53872
RS-M48x3	8	6.7	130	67	43	38	90	100	M48 x 3	53885

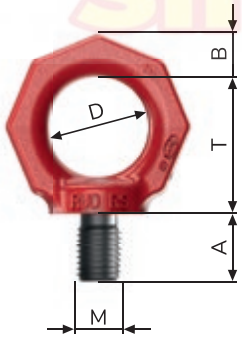
Subject to technical changes!

RS – PIPE THREAD ISO 228-1.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RS-G1/4"	0.4	0.18	41	18	13	12	30	30	G 1/4"	7986067
RS-G3/8"	1	0.45	55	24	17	16	40	40	G 3/8"	7986853
RS-G3/4"	2	1.6	85	40	26	24	60	60	G 3/4"	7989219

Subject to technical changes!

RS



RS



RS

UNC inch thread / UNC fine inch thread / BSW-Whitworth inch thread.

RS – UNC INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RS-1/4"-20UNC	0.1	0.1	34	12	11	10	25	25	1/4"-20UNC	56887
RS-5/16"-18UNC	0.2	0.1	34	12	11	10	25	25	5/16"-18UNC	56885
RS-3/8"-16UNC	0.25	0.1	34	15	11	10	25	25	3/8"-16UNC	56879
RS-7/16"-14UNC	0.4	0.18	41	18	13	12	30	30	7/16"-14UNC	56870
RS-1/2"-13UNC	0.4	0.18	41	18	13	12	30	30	1/2"-13UNC	56871
RS-9/16"-12UNC	0.75	0.3	48	22	15	14	35	35	9/16"-12UNC	57120
RS-5/8"-11UNC	1	0.3	48	24	15	14	35	35	5/8"-11UNC	57198
RS-3/4"-10UNC	1.2	0.47	55	30	17	16	40	40	3/4"-10UNC	57205
RS-7/8"-9UNC	1.5	0.8	70	34	21	20	50	50	7/8"-9UNC	57212
RS-1"-8UNC	2	0.85	70	36	21	20	50	50	1"-8UNC	57213
RS-1 1/8"-7UNC	2.5	1.6	85	45	26	24	60	60	1 1/8"-7UNC	57471
RS-1 1/8"-8UN	2.5	1.6	85	45	26	24	60	60	1 1/8"-8UN	7985010
RS-1 1/4"-7UNC	3	1.6	85	46	26	24	60	60	1 1/4"-7UNC	57685
RS-1 1/4"-8UN	3	1.6	85	46	26	24	60	60	1 1/4"-8UN	57686
RS-1 3/8"-6UNC	3	6.1	130	55	43	38	90	100	1 3/8"-6UNC	58599
RS-1 1/2"-6UNC	4	6.2	130	58	43	38	90	100	1 1/2"-6UNC	58615
RS-1 3/4"-5UNC	6	6.3	130	67	43	38	90	100	1 3/4"-5UNC	58616
RS-2"-4.5UNC	8	6.5	130	67	43	38	90	100	2"-4.5UNC	58658

Subject to technical changes!

RS – UNF FINE INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RS-3/8"-24UNF	0.25	0.1	34	15	11	10	25	25	3/8"-24UNF	56881
RS-7/16"-20UNF	0.4	0.18	41	18	13	12	30	30	7/16"-20UNF	56872
RS-1/2"-20UNF	0.4	0.18	41	18	13	12	30	30	1/2"-20UNF	56873
RS-5/8"-18UNF	1	0.3	48	24	15	14	35	35	5/8"-18UNF	57199
RS-3/4"-16UNF	1.2	0.47	55	30	17	16	40	40	3/4"-16UNF	57204
RS-1"-12UNF	2	0.85	70	36	21	20	50	50	1"-12UNF	57215

Subject to technical changes!

RS – BSW-WHITWORTH INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RS-3/8"-BSW	0.25	0.1	34	15	11	10	25	25	3/8"-BSW	51808
RS-1/2"-BSW	0.4	0.18	41	18	13	12	30	30	1/2"-BSW	51810
RS-5/8"-BSW	1	0.3	48	24	15	14	35	35	5/8"-BSW	51811
RS-3/4"-BSW	1.2	0.45	55	30	17	16	40	40	3/4"-BSW	51813
RS-7/8"-BSW	1.5	0.8	70	34	21	20	50	50	7/8"-BSW	51816
RS-1"-BSW	2	0.85	70	36	21	20	50	50	1"-BSW	51774
RS-1 1/8"-BSW	3	1.6	85	45	26	24	60	60	1 1/8"-BSW	51775
RS-1 1/4"-BSW	3	1.6	85	45	26	24	60	60	1 1/4"-BSW	51776
RS-1 1/2"-BSW	4	6.2	130	58	43	38	90	100	1 1/2"-BSW	51779
RS-1 3/4"-BSW	6	6.3	130	67	43	38	90	100	1 3/4"-BSW	51803
RS-2"-BSW	8	6.8	130	67	43	38	90	100	2"-BSW	51805

Subject to technical changes!

RM

Metric thread / metric fine thread / pipe thread ISO 228-1.

RM – METRIC THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RM-M6	0.1	0.1	34	11	11	10	25	25	M6	55254
RM-M8	0.2	0.1	34	11	11	10	25	25	M8	55255
RM-M10	0.25	0.1	34	11	11	10	25	25	M10	55258
RM-M12	0.4	0.16	41	12	13	12	30	30	M12	55271
RM-M14	0.75	0.26	48	13	15	14	35	35	M14	55281
RM-M16	0.8	0.26	48	13	15	14	35	35	M16	55460
RM-M18	1.2	0.4	55	16	17	16	40	40	M18	55342
RM-M20	1.5	0.4	55	16	17	16	40	40	M20	55343
RM-M22	1.5	0.7	70	20	21	20	50	50	M22	55387
RM-M24	2	0.7	70	20	21	20	50	50	M24	55394
RM-M27	2	1.35	85	25	26	24	60	60	M27	55399
RM-M30	3	1.32	85	25	26	24	60	60	M30	55438
RM-M33	3	5.8	130	37	43	38	90	100	M33	7994437
RM-M36	4	5.8	130	37	43	38	90	100	M36	53093
RM-M39	5	5.6	130	37	43	38	90	100	M39	7904790
RM-M42	6	5.5	130	37	43	38	90	100	M42	53095
RM-M48	8	5.3	130	37	43	38	90	100	M48	53098

Subject to technical changes!

RM – METRIC FINE THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RM-M14x1.5	0.75	0.26	48	13	15	14	35	35	M14 x 1.5	7902750
RM-M16x1.5	0.8	0.26	48	13	15	14	35	35	M16 x 1.5	7906923
RM-M18x1.5	1.2	0.4	55	16	17	16	40	40	M18 x 1.5	7902751
RM-M22x1.5	1.5	0.7	70	20	21	20	50	50	M22 x 1.5	7906924
RM-M24x2	2	0.7	70	20	21	20	50	50	M24 x 2	7907625
RM-M48x3	8	5.3	130	37	43	38	90	100	M48 x 3	7995961

Subject to technical changes!

RM – PIPE THREAD ISO 228-1.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RM-G1/4"	0.4	0.16	41	14	13	12	30	30	G 1/4"	7998753
RM-G1/2"	1.5	0.39	55	18	17	16	40	40	G 1/2"	7998754
RM-G3/4"	2	0.74	70	22	21	20	50	50	G 3/4"	7998755

The WLL values of RM only apply in conjunction with thread bolts of quality class 8.8 min. Thread bolts 8.8 must be crack-tested.

Subject to technical changes!

p. 98–99

RM

UNC inch thread / BSW-Whitworth inch thread.

RM – UNC INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RM-3/8"-16UNC	0.2	0.1	34	12	11	10	25	25	3/8"-16UNC	7101103
RM-1/2"-13UNC	0.35	0.17	41	14	13	12	30	30	1/2"-13UNC	7101104
RM-5/8"-11UNC	0.75	0.29	48	16	15	14	35	35	5/8"-11UNC	7101105
RM-3/4"-10UNC	1.2	0.39	55	18	17	16	40	40	3/4"-10UNC	7101106
RM-7/8"-9UNC	1.5	0.7	70	22	21	20	50	50	7/8"-9UNC	7101107
RM-1"-8UNC	2	1.4	85	28	26	24	60	60	1"-8UNC	7101108
RM-1 1/4"-7UNC	3	1.35	85	28	26	24	60	60	1 1/4"-7UNC	7982594

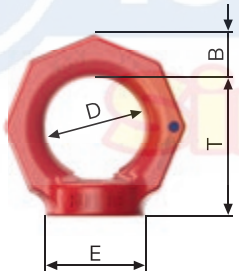
Subject to technical changes!

RM – BSW-WHITWORTH INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RM-1/2"-BSW	0.35	0.17	41	14	13	12	30	30	1/2"-BSW	7993984
RM-5/8"-BSW	0.75	0.3	48	16	15	14	35	35	5/8"-BSW	7993985
RM-3/4"-BSW	1.2	0.42	55	18	17	16	40	40	3/4"-BSW	7993986
RM-7/8"-BSW	1.5	0.7	70	22	21	20	50	50	7/8"-BSW	7993988
RM-1"-BSW	2	0.7	70	22	21	20	50	50	1"-BSW	7993989
RM-1 1/8"-BSW	2.5	1.3	85	28	26	24	60	60	1 1/8"-BSW	7994198

Subject to technical changes!

RM



RM

