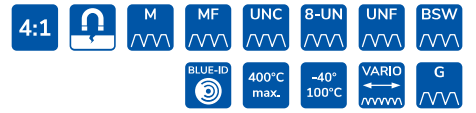


# RS / RM

Eye bolt / eye nut.



(1)

RUD RFID  
CONNECT IT

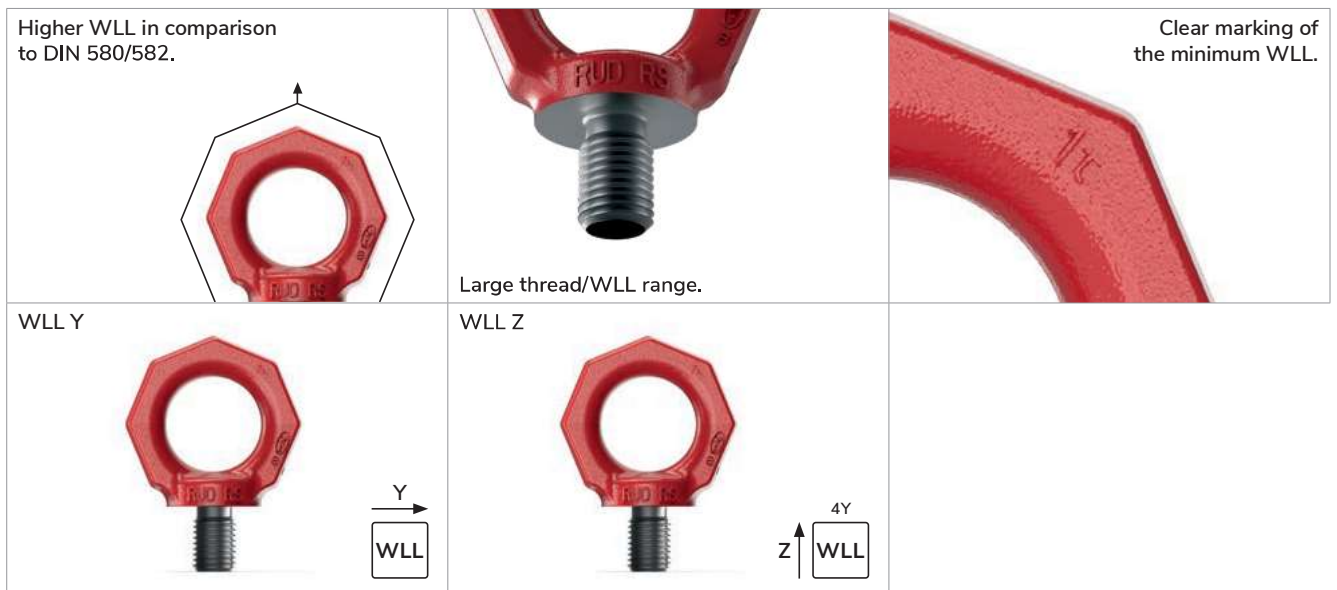


RS (1)

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.



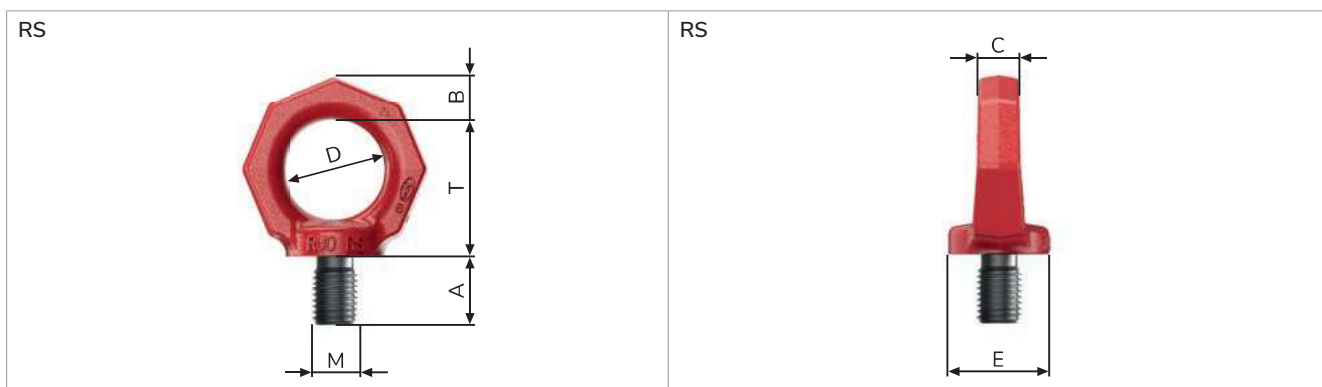
# RS

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!



Special lengths up to 900 mm possible on request 8600625.

# RS

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

### RS – METRIC FINE THREAD.

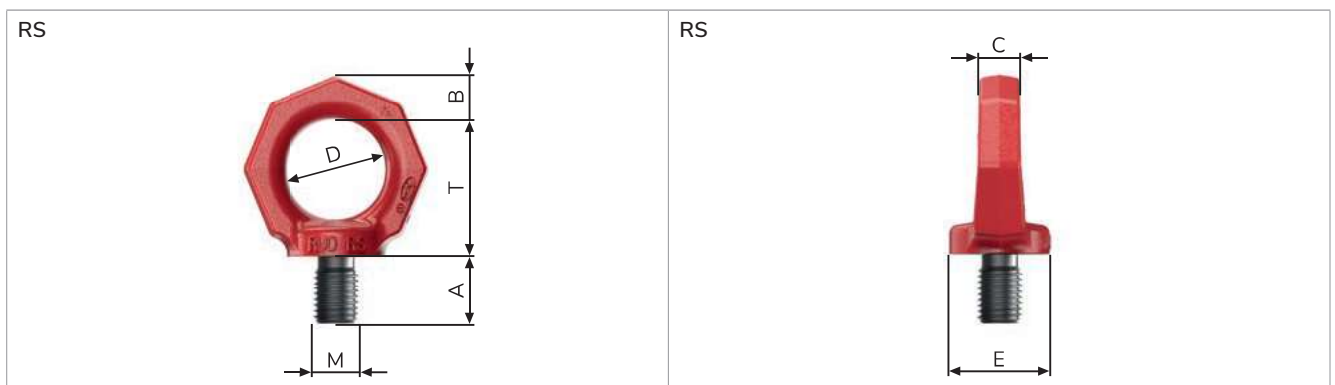
Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	M	Ref. No.
RS M10 x 1	0.25	0.1	34	15	11	10	25	25	M10 x 1	7985047
RS M10 x 1.25	0.25	0.1	34	15	11	10	25	25	M10 x 1.25	56877
RS M12 x 1	0.4	0.18	41	18	13	12	30	30	M12 x 1	56868
RS M12 x 1.25	0.4	0.18	41	18	13	12	30	30	M12 x 1.25	56869
RS M12 x 1.5	0.4	0.18	41	18	13	12	30	30	M12 x 1.5	59830
RS M14 x 1.5	0.75	0.3	48	21	15	14	35	35	M14 x 1.5	53844
RS M16 x 1.5	1	0.3	48	24	15	14	35	35	M16 x 1.5	59832
RS M18 x 1.5	1.2	0.45	55	30	17	16	40	40	M18 x 1.5	50986
RS M20 x 1.5	1.5	0.47	55	30	17	16	40	40	M20 x 1.5	57203
RS M20 x 2	1.5	0.47	55	30	17	16	40	40	M20 x 2	59833
RS M22 x 1.5	1.5	0.78	70	34	21	20	50	50	M22 x 1.5	7901656
RS M24 x 1.5	2	0.88	70	36	21	20	50	50	M24 x 1.5	57210
RS M24 x 2	2	0.88	70	36	21	20	50	50	M24 x 2	59834
RS M27 x 2	2	1.6	85	45	26	24	60	60	M27 x 2	57259
RS M30 x 2	3	1.6	85	45	26	24	60	60	M30 x 2	59835
RS M36 x 3	4	6.3	130	54	43	38	90	100	M36 x 3	53853
RS M42 x 3	6	6.5	130	63	43	38	90	100	M42 x 3	53872
RS M48 x 3	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 G 1/4"	0.4	0.18	41	18	13	12	30	30	G 1/4"	7986067
RS G 3/8"	1	0.45	55	24	17	16	40	40	G 3/8"	7986853
RS G 3/4"	2	1.6	85	40	26	24	60	60	G 3/4"	7989219

Subject to technical changes!



# 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 M14 x 1.5	0.75	0.26	48	13	15	14	35	35	M14 x 1.5	7902750
RM M16 x 1.5	0.8	0.26	48	13	15	14	35	35	M16 x 1.5	7906923
RM M18 x 1.5	1.2	0.4	55	16	17	16	40	40	M18 x 1.5	7902751
RM M22 x 1.5	1.5	0.7	70	20	21	20	50	50	M22 x 1.5	7906924
RM M24 x 2	2	0.7	70	20	21	20	50	50	M24 x 2	7907625
RM M27 x 2	2	1.35	85	25	26	24	60	60	M27 x 2	7901995
RM M48 x 3	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 G 1/4"	0.4	0.16	41	14	13	12	30	30	G 1/4"	7998753
RM G 1/2"	1.5	0.39	55	18	17	16	40	40	G 1/2"	7998754
RM G 3/4"	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!

# 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

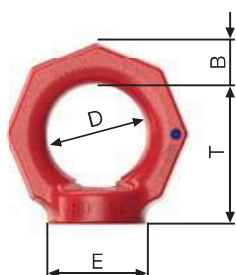
Subject to technical changes!

## 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

