



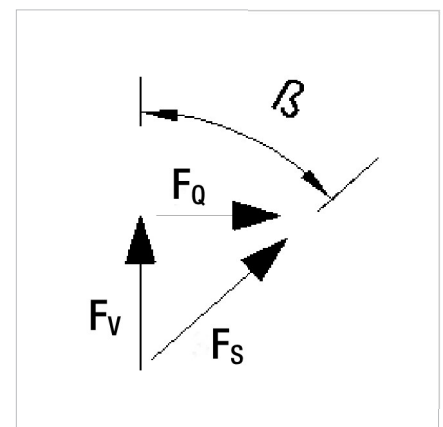
GOLIATH lifting loop

with forged head for lifting and transporting

40.0

circle shape

Load group	Dimensions [mm]							approx. weight, each [kg]	Loading capacity with safety factor of 4	
									Axial pull F_V	Inclined pull F_Q
	d [mm]	Order No.	D	L	s	g	k		[kN]	[kN]
0.4	M 10	k40100m	24	150	8	15	60	0.33	13	6.5
0.5	M/Rd 12	k40120m/r	24	150	8	15	60	0.32	17	8.5
0.8	M/Rd 14	k40140m/r	24	150	8	20	60	0.33	18	9
1.2	M/Rd 16	k40160m/r	24	170	9	20	60	0.40	23	11.5
1.6	Rd 18	k40180r	44	210	12	25	102	1.32	37	18.5
2.0	M/Rd 20	k40200m/r	44	210	12	25	102	1.34	44	22
2.5	M/Rd 24	k40240m/r	44	270	14	30	102	1.74	55	27.5
3.0	M/Rd 27	k40270m/r	44	290	16	35	102	2.16	64	32
4.0	M/Rd 30	k40300m/r	44	290	16	35	102	2.12	72	36
6.3	M/Rd 36	k40360m/r	75	400	20	50	170	6.79	100	50



Loading capacity is the maximum load according to the "Safety rules for lifting sockets and systems for precast concrete elements". The figures include all safety factors for rope failure (4), steel failure (3) and concrete failure (3).

The head must be screwed on tightly.
Every loop within the Schroeder lifting socket system carries a tag showing the manufacturer, thread and load group, ensuring correct identification.

The tags for identifying
- means of lifting (lifting loops) and
- lifting sockets
as well as the nailing plates (list 51) have the same colour for each thread size.
The requirements of the "Safety rules for lifting sockets and systems for precast concrete elements" plus the instructions for installation and use must be complied with.

The permissible loading capacities of the lifting sockets must not be exceeded.

Converting kN to t
A body with a mass of 1.0 t has a weight of approx. 10 kN.

Custom versions on request.
Errors and omissions excepted.
Position as of Jan 2015