Lifting loop

with crimped threaded spigot for lifting and transporting

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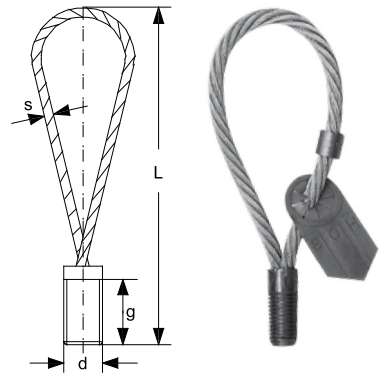
Load group	Metric thread		Knuckle thread with metric pitch		Dimensions [mm]			approx. weight, each	Loading capacity with safety factor of 4 **Axial pull** $_{perm}F_V$
	d [mm]	Order No.	d [mm]	Order No.	g	L	s	[kg]	[kN]
0.5	M 12	**k4212m**	Rd 12	**k4212r**	22	130	6	0.06	9.0
0.8	M 14	**k4214m**	Rd 14	**k4214r**	25	150	7	0.10	14.0
1.2	M 16	**k4216m**	Rd 16	**k4216r**	27	170	8	0.13	17.0
1.6			Rd 18	**k4218r**	34	190	9	0.19	24.0
2.0	M 20	**k4220m**	Rd 20	**k4220r**	35	210	10	0.26	31.0
2.5	M 24	**k4224m**	Rd 24	**k4224r**	43	260	12	0.43	39.0
3.0	M 27	**k4227m**			48	280	13	0.67	49.0
4.0	M 30	**k4230m**	Rd 30	**k4230r**	56	340	16	1.05	50.0
6.3	M 36	**k4236m**	Rd 36	**k4236r**	68	380	18	1.52	79.0
8.0	M 42	**k4242m**	Rd 42	**k4242r**	80	420	20	2.18	102.0
12.5	M 52	**k4252m**	Rd 52	**k4252r**	97	550	26	4.75	175.0



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.

PLEASE NOTE!
Only suitable for inclined pull up to max. 45°.

Inclined pull up to max. 45° in conjunction with the various lifting socket products.

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

Lifting loop

for bolt fixing, for lifting and transporting

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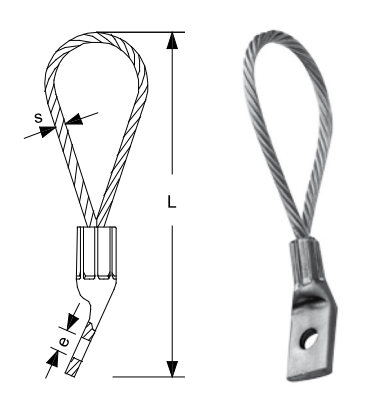
Load group	Thread Ø	Order No.	Rope Ø	Total length	Loading capacity with safety factor of 4 **Axial pull** $_{perm}F_V$
	M		s	L	
	[mm]		[mm]	[mm]	[kN]
0.5	12	**k420500**	7	200	14.0
1.2	16	**k421200**	10	250	31.0
2.5	24	**k422500**	16	350	50.0



The given loading capacities are valid when fixing with a grade 8.8 hexagon-head bolt.