

Load stages [kg]	Dimensions d x h [mm]	Mild steel (bk)	Electro plated (zn)	Approx. weight per 100 pieces [kg]
		Reference No.	Reference No.	
with metric thread				
500	M 12 x 30	k3512mbk	k3512mzn	4.44
800	M 14 x 33	k3514mbk	k3514mzn	6.00
1200	M 16 x 35	k3516mbk	k3516mzn	9.22
2000	M 20 x 47	k3520mbk	k3520mzn	25.90
2500	M 24 x 54	k3524mbk	k3524mzn	34.00
4000	M 30 x 72	k3530mbk	k3530mzn	75.30
6300	M 36 x 84	k3536mbk	k3536mzn	107.00
8000	M 42 x 100	k3542mbk	k3542mzn	176.00
12500	M 52 x 120	k3552mbk	k3552mzn	260.00



with round thread				
500	Rd 12 x 30	k3512rbk	k3512rzn	4.00
800	Rd 14 x 33	k3514rbk	k3514rzn	6.00
1200	Rd 16 x 35	k3516rbk	k3516rzn	9.94
2000	Rd 20 x 47	k3520rbk	k3520rzn	25.51
2500	Rd 24 x 54	k3524rbk	k3524rzn	33.00
4000	Rd 30 x 72	k3530rbk	k3530rzn	76.13
6300	Rd 36 x 84	k3536rbk	k3536rzn	107.00
8000	Rd 42 x 100	k3542rbk	k3542rzn	176.00
12500	Rd 52 x 120	k3552rbk	k3552rzn	260.00

Load stages [kg]	Dimensions d x h [mm]	Stainless steel material class 1.4571 (A4)		Approx. weight per 100 pieces [kg]
		Reference No.		

with metric thread				
500	M 12 x 30	k3512mva		4.00
800	M 14 x 33	k3514mva		6.00
1200	M 16 x 35	k3516mva		9.00
2000	M 20 x 47	k3520mva		24.50
2500	M 24 x 54	k3524mva		33.00
4000	M 30 x 72	k3530mva		67.00
6300	M 36 x 84	k3536mva		107.00
8000	M 42 x 100	k3542mva		176.00
12500	M 52 x 120	k3552mva		260.00

Field of application:

- thin slabs
- pipes

Load stages are the same for all product groups.

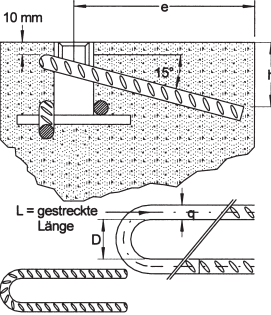
Material:

Precision steel tube is used for the production of the sockets. The flat bearing plate from S355R (RSt 52) steel is welded-on. Sockets are made from both iron with a mild or zinc-plated finish or from stainless steel.

The dimensions of the stainless steel sockets are not identical with the dimensions of the mild cast steel sockets!

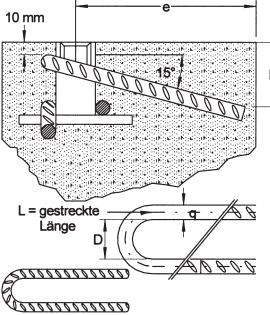
Special designs on request

Additional reinforcements for transverse and inclined load



transverse reinforcement with 60° angle

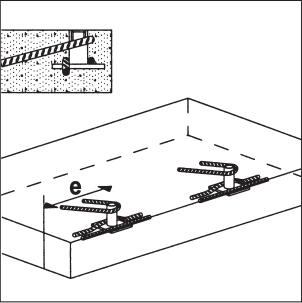
Thread	D [mm]	q [mm]	H [mm]	L [mm]
M+Rd 12	16.5	8	30	260
M+Rd 14	18.0	8	31	330
M+Rd 16	22.2	8	43	350
Rd 18	22.3	10	56	380
M+Rd 20	27.7	10	57	450
M+Rd 24	31.0	10	59	500
M+Rd 30	41.0	14	82	550
M+Rd 36	47.0	14	84	600
M+Rd 42	54.0	20	100	670
M+Rd 52	67.0	20	125	700



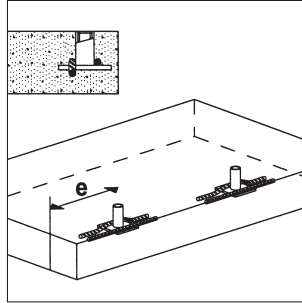
inclined load, straight reinforcement

Thread	D [mm]	q [mm]	h [mm]	L [mm]
M+Rd 12	16.5	8	45	260
M+Rd 14	18.0	8	55	330
M+Rd 16	22.2	8	60	350
Rd 18	24.0	10	65	380
M+Rd 20	27.7	10	70	450
M+Rd 24	31.0	10	80	500
M+Rd 30	41.0	14	85	550
M+Rd 36	47.0	14	90	600
M+Rd 42	54.0	20	95	670
M+Rd 52	67.0	20	100	700

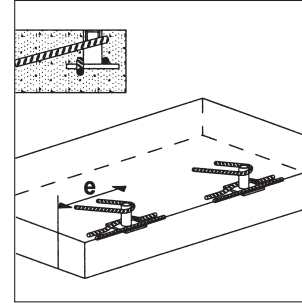
Minimum reinforcement: 2 Q 131 weld mesh (150 x 5 mm). Insure a minimum concrete covering to DIN 1045-1. Additional reinforcement for inclined and transverse loads.



transverse (in transverse direction to the slab)



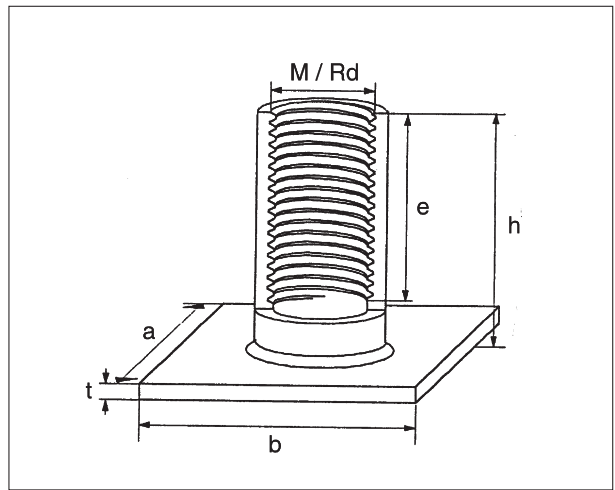
axial (in the direction of the slab)



inclined (in the direction of the slab)

Table of dimensions:

Dimension of the socket [mm]		Dimension of the plate [mm]		
d x h	e	a	b	t
M/Rd 12 x 30	22	35	25	3
M/Rd 14 x 33	25	35	35	3
M/Rd 16 x 35	27	50	35	3
M/Rd 20 x 47	35	60	60	5
M/Rd 24 x 54	43	80	60	5
M/Rd 30 x 72	56	100	80	6
M/Rd 36 x 84	68	130	100	6
M/Rd 42 x 100	80	130	130	8
M/Rd 52 x 120	100	150	130	8



Reinforcement

Reinforcement is placed on top of the anchor plate.

