

Lightweight concrete anchor



VB3-T-045-en - 01/24 - PDF

Data sheet

Our products from the division BUILDING SOLUTIONS

SERVICES

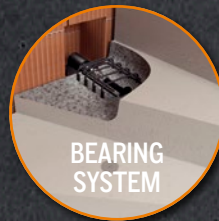
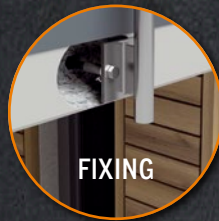
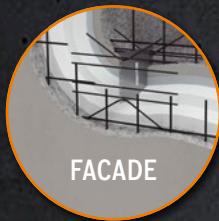
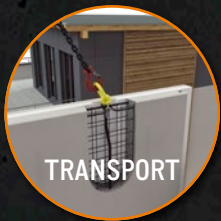
- » On-site tests -> we ensure that your requirements are properly covered by our planning.
- » Test reports -> for your safety and documentation.
- » Trainings -> the knowledge of your employees from planning and production is enhanced by our experts on site, online or via webinar.
- » Planning support -> latest design software, planning documents, CAD data and much more can be downloaded any time from www.philipp-group.de.

HIGH DEMANDS ON PRODUCT SAFETY AND PRACTICALITY

- » Close cooperation with notified bodies and - if necessary - approval of our solutions.

TECHNICAL DEPARTMENT

- » Our expert-team will support you at any time during your planning phase with detailed advice.



GENERAL PRODUCT INFORMATION

Lightweight concrete anchors are used for the transport of elements made of concrete with open structure resp. low concrete strength classes. They are available in three different versions. Either with crimped-on wire rope loop at the end of the rebar (type MW), with threaded insert (type RD) or with spherical head (type KK).

When using Lightweight concrete anchors attention must be paid to the General Installation Instruction as well as the documentation for the corresponding PHILIPP lifting devices (Wirbelstar, Lifting loops, Lifty or Spherical head lifting clutch). Depending on the individual application it might be necessary to contact our technical department before use.

TABLE 1: ANCHOR WITH CRIMPED-ON WIRE ROPE LOOP (TYPE MW)

Ref. no. ②	Type	perm. F_z ① (kN)	Dimensions				Colour code
			$\varnothing d_s$ (mm)	L (mm)	a (mm)	b (mm)	
73MW08____LB	● MW 0.9	9.0	8	on request	115	60	sulfur yellow
73MW10____LB	● MW 1.4	14.0	10		115	60	deep black
73MW12____LB	● MW 2.0	20.0	12		115	60	clay brown
73MW14____LB	● MW 3.1	31.0	14		175	60	salmon orange
73MW16____LB	● MW 4.0	40.0	16		230	60	emerald green

① Load bearing capacity of steel for axial tension. The weight of 1.0 t corresponds to 10.0 kN.

② To get the complete ref. no. please add the required anchor length L (mm).

Example: required anchor length 950 mm = item number: 73MW080950LB

TABLE 2: ANCHOR WITH CRIMPED-ON THREADED INSERT (TYPE RD)

Ref. no. ②	Type	perm. F_z ① (kN)	Dimensions				Colour code
			$\varnothing d_s$ (mm)	L (mm)	a (mm)	b (mm)	
73HM16____LB	● RD 16	12.0	10	on request	115	60	fire red
73HM20____LB	● RD 20	20.0	12		115	60	light green
73HM24____LB	● RD 24	25.0	14		175	60	jet black
73HM30____LB	● RD 30	40.0	20		230	60	emerald green

① Load bearing capacity of steel for axial tension. The weight of 1.0 t corresponds to 10.0 kN.

② To get the complete ref. no. please add the required anchor length L (mm).

Example: required anchor length 950 mm = item number: 73HM160950LB

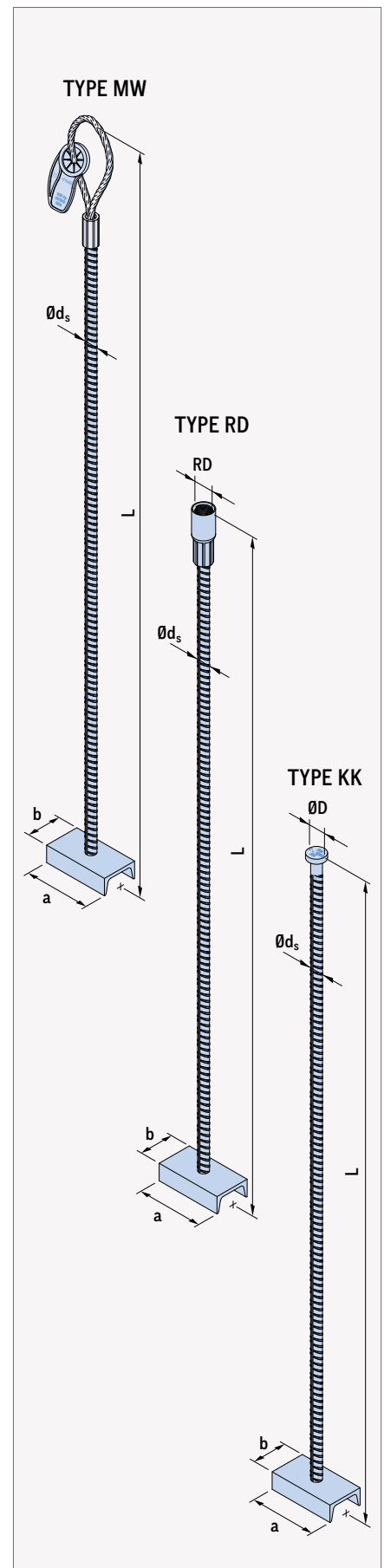
TABLE 3: ANCHOR WITH SPHERICAL HEAD (TYPE KK)

Ref. no. ②	Type	perm. F_z ① (kN)	Dimensions				Colour code
			$\varnothing d_s$ (mm)	L (mm)	a (mm)	b (mm)	
73KK14____LB	● KK 2.5	25.0	14	on request	175	60	sulfur yellow
73KK20____LB	● KK 5.0	50.0	20		230	60	light blue

① Load bearing capacity of steel for axial tension. The weight of 1.0 t corresponds to 10.0 kN.

② To get the complete ref. no. please add the required anchor length L (mm).

Example: required anchor length 950 mm = item number: 73KK140950LB



FURTHER QUESTIONS

If you have further questions, please have a look at our website www.philipp-group.de or call our technical department under +49 6021 40 27-318 resp. send an email to technik@philipp-gruppe.de.



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