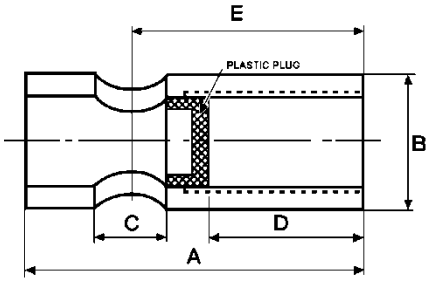
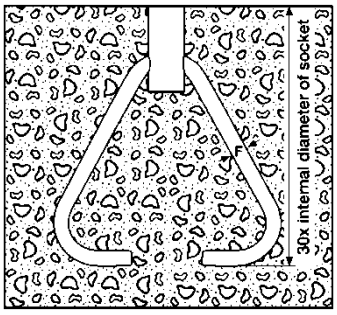
EKC LIFTING SOCKET

The system comprises a cast-in lifting socket that is drilled laterally below the threaded portion in order to take a reinforcing bar that is located and tied to the main reinforcement to provide the user with a positive and secure anchorage point. They are available in both stainless steel and zinc plated steel to offer some protection against corrosion. Each socket can be supplied with two plastic inserts. The upper one (optional extra) is used to prevent ingress of dirt into the threads whilst the lower one (standard) is used to prevent ingress of concrete during the casting process.





All dimensions in mm

(Zinc Plated Steel)

SIZE	CODE	SAFE WORKING LOAD kN	A LENGTH	B OUTSIDE DIA	C SIZE OF HOLE FOR REBAR	D THREAD LENGTH	E TO CENTRE OF HOLE	F REBAR DIA
M12	401200	5	41	17	8	16.5	26	6
M16	401600	10	50	21	13	22	34	10
M20	402000	20	64	27	15	27	40	12
M24	402400	25	71	30	18	34	48	12
M30	403000	40	97	39	22	48	65	16
M36	403600	63	111	46	27	54.5	73	20

(Stainless Steel)

SIZE	CODE	SAFE WORKING LOAD kN	A LENGTH	B OUTSIDE DIA	C SIZE OF HOLE FOR REBAR	D THREAD LENGTH	E TO CENTRE OF HOLE	F REBAR DIA
M12	411200	5	41	17	8	16.5	26	6
M16	411600	10	50	21	13	22	34	10
M20	412000	20	64	26	15	27	40	12
M24	412400	25	71	32	18	34	48	12
M30	413000	40	97	41	22	48	65	16
M36	413600	63	111	47	27	54.5	73	20

The recommended safe working loads for lifting sockets are obtained in 22.5N/mm^2 concrete.

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