

Technical data sheet

Title	European EAD type straight shackle.
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1.- Purpose and field of application.

- Straight shackles are accessories for joining cables, chains and other systems. They are made up of a body and a bolt, in steel with electrolytic zinc plating, or of stainless steel.

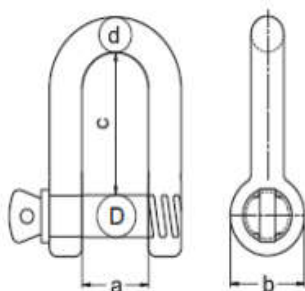
They are used in fastening operations and non-permanent attachments.

They are recommended for using slings in a branch connection.

The choice has to be made according to the load to be borne, and the load applied must be perpendicular to that of the shackle. Always check that the thread of the bolt is firmly tightened in the thread of the shackle body.

The shackles should be inspected periodically to check that they are in good condition.

2- Dimensions and WLL loads



MEASUREMENT	a	C	D	D	b	WLL
	nom	Nom	nom	Nom	nom	kg
5	10	19	5	5	11	80
6	13	25	6	6	11	100
8	16	32	8	8	18	200
10	19	38	10	10	20	320
12	25	51	12	12	26	520
14	30	55	14	14	27	650
16	32	64	16	16	33	800
20	38	76	20	20	40	1100
22	44	89	22	22	50	1500
25	51	100	25	25	57	2100
28	57	115	28	28	68	3000
32	64	127	32	32	73	3500
36	76	152	36	38	85	3500
38	76	152	38	38	85	5000
42	85	155	40	42	80	6000
45	90	180	45	45	96	7000
50	102	200	50	50	106	8000

3- Installation and recommendations

Before every use, it is advisable to inspect the shackles to ensure that:

- **The pin and the shackle have the same measurement.**
- **The threads are not damaged.**
- **The body and the pin are not bent.**
- **There is no wear or missing material.**

The shackles must be chosen according to the loads to be borne. When using them, avoid them generating lateral loads. They should therefore receive the load along the axis of their central line.

The shackles should not be modified, thermally treated or coated without the manufacturer's approval.

The use of the shackles outside the temperature range of -20°C to 200°C is not recommended.