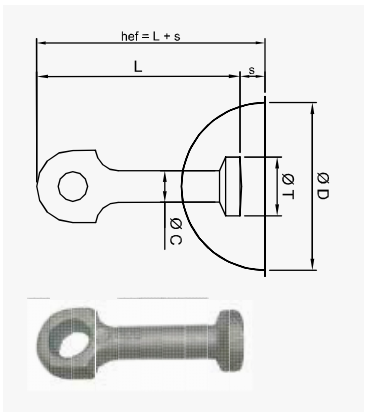


### 2.3 Eye Anchor



REFERENCE	SWL	DIMENSIONS [MM]				
		Ø T	Ø C	L	Ø D	S
A0013065	1.3 T	18	10	65	60	8
A0025090	2.5 T	25	14	90	74	10
A0050120	5 T	36	20	120	94	12
A0050090	5 T	36	20	90	94	12
A0100180	10 T	46	28	180	118	14
A0100115	10 T	46	28	115	118	14
A0200250	20 T	69	38	250	160	14
A0320300	32 T	88	50	300	204	16

With its complementary reinforced steel bar, the eye anchor has a universal use.

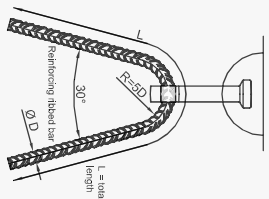
The anchorage resistance is transmitted to the concrete via the reinforced steel bar.

Thus, the anchorage capacity depends on the diameter and the length of the associated reinforced steel bar.

The longer the bar, the more the anchorage is resistant (within the SWL limit of the anchor).

The following table indicates the diameter and the total length of the reinforced steel bar to use.

REINFORCING STEEL DIAMETER (MM)	REINFORCED RIBBED STEEL FE800, (ACCORDING TO THE NF A 35-016 NORM)					
	1.3 T	2.5 T	5 T	10 T	20 T	32 T
CONCRETE AT 10 MPA	930	1380	1790	2760	3570	4550
CONCRETE AT 15 MPA	770	1140	1490	2280	2970	3780
CONCRETE AT 20 MPA	670	980	1290	1960	2570	3270
CONCRETE AT 25 MPA	590	870	1140	1730	2280	2900
CONCRETE AT 30 MPA	530	780	1030	1560	2060	2620
CONCRETE AT 35 MPA	490	710	950	1420	1900	2410
CONCRETE AT 40 MPA	460	660	880	1310	1760	2240



The eye anchor cannot be used under any circumstances without reinforcing steel.

The eye anchor is particularly adapted to the narrow panels.

It is important to respect the diameters of the bending mandrel indicated in the standards covering the reinforcing steel for reinforced concrete, and to conform to the Eurocode 2 standards.

It is advisable to set up the reinforcing steel in a "V" form with a 30° angle. If the concrete element does not allow it, it is possible to set up the reinforcing steel horizontally and to tie it to the lower wire mesh.