Lashing Points, Weld-on Type

TWN 1477

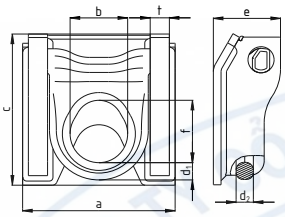
ZKS-Modules NEW



The weld-on ZKS-modules TWN 1477 are predominantly installed side frames of low-loaders and trailers. The large swivel range also allows the securing of overhanging loads. The pivotable large lashing eyelet built into the cassette enables a fixed mounting position for easy connection with the lashing equipment. The manufacturing and testing requirements are based on the DIN EN 1677-1.

SAFETY 2 : 1

> 180°



Trade Size	Article-No.	Lashing Capacity (LC) [daN]	Dimensions [mm]								Weight app. [kgs]
			d_1	d_2	b	a	t	e	c	f	
10	F352376	10.000	18	18	60	159	20	70	157,5	65	4,95

TWN 1471

ZK-Modules with Stressless Lashing© NEW

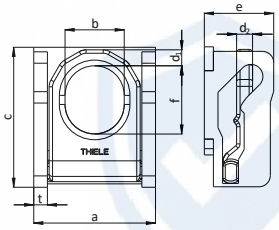


The weld-on ZK-modules TWN 1471 are predominantly installed in C-shaped side frames of low-loaders and trailers. The large swivel range also allows the securing of overhanging loads. A newly developed, patented cassette design enables a fixed mounting position for easy connection to the lashing equipment.
Stressless Lashing© in perfection.
The manufacturing and testing requirements are based on DIN EN 1677-1.

ZK-module on YouTube

SAFETY 2 : 1

> 180°



Trade Size	Article-No.	Execution*	Lashing Capacity (LC) [daN]	Dimensions [mm]								Weight app. [kgs]
				d_1	d_2	b	a	t	e	c	f	
5	F352390	N	5.000	14	14	52	107	12	61	119	60	1,92
5	F352395	S	5.000	14	14	52	107	12	61	119	60	1,95
10	F352380	N	10.000	18	18	62	137	15	73	144	78	3,45
10	F352385	S	10.000	18	18	62	137	15	73	144	78	3,46

**The sheets of the lashing cassette in the execution „N" (=Normal) are produced in micro-alloyed steel. The execution „S" (=Special) are produced from special steel and are therefore capable to get hot dip galvanized (up to 500°C) with the vehicle frame.*

General information

The standard DIN EN 12640 specifies the minimum testing requirements for lashing points on road trucks and trailers with flatbed bodies and a permissible total weight of more than 3,5 t for mixed cargo transportation. Lashing points are devices to attach lashing gear.
A lashing point can be an oval link, hook, lug or lashing rail. These types of lashing points may lead to safety issues when in operation.

A non-appropiate dimensioning and use of non-suitable lashing points, as well as the damage of the lashing points and frames of the vehicle, shows a high potential danger in traffic. In operation, oval links are often exposed to unforeseen torque which may cause a damage to the body-work of the vehicles. Very often required inclination angles are not properly considered. Further, oval links can cause unnecessary noise exposure in traffic. The developed THIELE ZK-Modules (lashing ring with cassette) may be easily fitted and adopted at the side frames of trailers.

The ZK-Modules are marked with permissible lashing capacity (LC), manufacturer name (THIELE) and standard number (DIN EN 12640). Official agencies may easily check the correct installation. The ZK-Modules made by THIELE provides highest safety for load securing in the heavy-duty road traffic.