



DOGHER 
® TOOLS
Making Solutions



561



562

**Lashing
Systems
1600**

Lashing Systems

Lashing Systems. Lashing Straps: Information and Instructions



1600

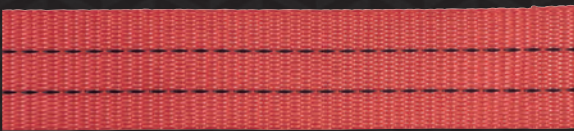
PROFESSIONAL

DOGHER TOOLS lashing straps are made from high-quality polyester.

They consist of a lashing device (ratchet tensioner, buckle, or ratchet) and/or end fittings (open or closed hooks).

They stand out for their high resistance to heavy tensile forces, their ability to protect the load, and their light weight and durability.

The lashing system must withstand a breaking force of at least twice its rated load capacity.



STRAP

Straps made from high-tenacity polyester.

To ensure the safety of the lashing system, before the sewing process, the strap must have a breaking strength at least three times higher than its direct lashing capacity.

TYPES OF LASHING STRAPS



1. ONE-PIECE STRAP

The one-piece lashing strap consists of a strap and a lashing device (buckle or ratchet).

This type of strap allows you to secure your load in a single step.



2. TWO-PIECE STRAP:

A short strap equipped on one end with a tensioner or ratchet and on the other end with an open or closed hook.

A longer strap with one free end and, on the other end, a piece fitted with an open or closed hook. The free end is fed into the ratchet tensioner or ratchet.

TIPS FOR CORRECT USE



STANDARDS AND APPLICATION

EN 12195-2 : This standard regulates load securing systems for road vehicles, setting the requirements they must meet from design through to manufacturing and marketing, with the aim of protecting users' health and safety.



The LC or **LASHING CAPACITY**, also known as working load limit, is measured in daN (decaNewton) or kg.

2:1

Metal components (such as hooks, tensioners, and fastening parts) must withstand a force equivalent to twice their nominal working load, which means a **SAFETY FACTOR of 2:1**



LABEL

1. Manufacturer identification:
Logo and details.
2. Reference
3. Strap dimensions
4. Date of manufacture
5. Strap material
6. Elongation
7. Applied standard
8. Max. straight-line load
9. Max. U-shaped load
10. Warning:
NOT SUITABLE FOR LIFTING
11. Manufacturing regulations

DOGHER TOOLS S.A.
P.I. Arriandi Tabernabarri 5, 48215 Iurreta SPAIN
— 2500 Kg — 5000 Kg
Part N°: 1600-040
8,5 m x 50 mm
Prod date: 2025 100% Polyester PES
Elongation <7% EN 12195-2

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TUV GS

Lashing Systems

One-Piece Lashing Straps

TYPES OF PACKAGING

The lashing straps are available in two types of packaging: blister pack or shrink-wrapped, and are marked with the following icons.



BLISTER



SHRINK-WRAPPED



1600

One-Piece Lashing Strap with Buckle



- High-tenacity polyester strap.
- Steel buckle with anti-corrosion zinc-plated finish.
- Does not damage the surface.



		
2 M	25 mm	250 Kg
Part N°	Packaging	U
1600-010		2
1600-011		1



 4 M	 38 mm	 400 Kg
Part N°	Packaging	U
1600-015		1
1600-016		1

1600

One-Piece Lashing Strap with Ratchet



- High-tenacity polyester strap.
- High-strength steel buckle and hooks.
- Does not damage the surface.



5 M	25 mm	1000 Kg	500 Kg
Part N°	Packaging	U.	€
1600-020		1	7,22
1600-021		1	6,40

Lashing Systems

Lashing Systems. Two-Piece Lashing Straps

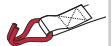


1600

Two-Piece Lashing Straps with Tensioners and Open or Closed Hooks

- High-tenacity polyester strap.
- High-strength steel buckle and hooks.
- Tensioners with ergonomic handle for increased clamping force.
- Does not damage the surface.



				
	5 M	25 mm	1000 Kg	500 Kg
Tipo	Part N°	Packaging	U.	€
	1600-025		1	9,12
	1600-026		1	8,75



				
	6 M	38 mm	2000 Kg	1000 Kg
Tipo	Part N°	Packaging	U.	€
	1600-030		1	17,67
	1600-031		1	17,67



				
	8,5 M	50 mm	5000 Kg	2500 Kg
Tipo	Part N°	Packaging	U.	€
	1600-040		1	31,10
	1600-043		1	30,55



				
	10 M	50 mm	5000 Kg	2500 Kg
Tipo	Part N°	Packaging	U.	€
	1600-041		1	35,33
	1600-044		1	35,33