

TIE RODS ELONGATION LIMITER FOR FLANGED EXPANSION JOINT

Tie rods elongation limiter for flanged expansion joint.
Kit including tie rods, nuts and plates.



Size : DN32 to DN600
Connection : For flanges PN10/16
Specifications : To limit the movement of the expansion joint
2 tie rods up to DN300
Kit including tie rods, nuts and plates

Materials : Carbon steel galvanizing coated

Photo showing a steel expansion limiter with an expansion joint and 2 flanges

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TIE RODS ELONGATION LIMITER FOR FLANGED EXPANSION JOINT

SPECIFICATIONS :

- To limit the movement of the expansion joint
- Kit including tie rods, plates and bolting
- Compatible with all expansion joints of our catalog

USE :

Expansion Joint Ref.	Steel expansion limiter Ref.
1501	98604
1502	98603
1503	98604
1505	98606
1506	
1560	
1561	
1562	
1563	
1564	
1565	
1566	
1567	
1568	

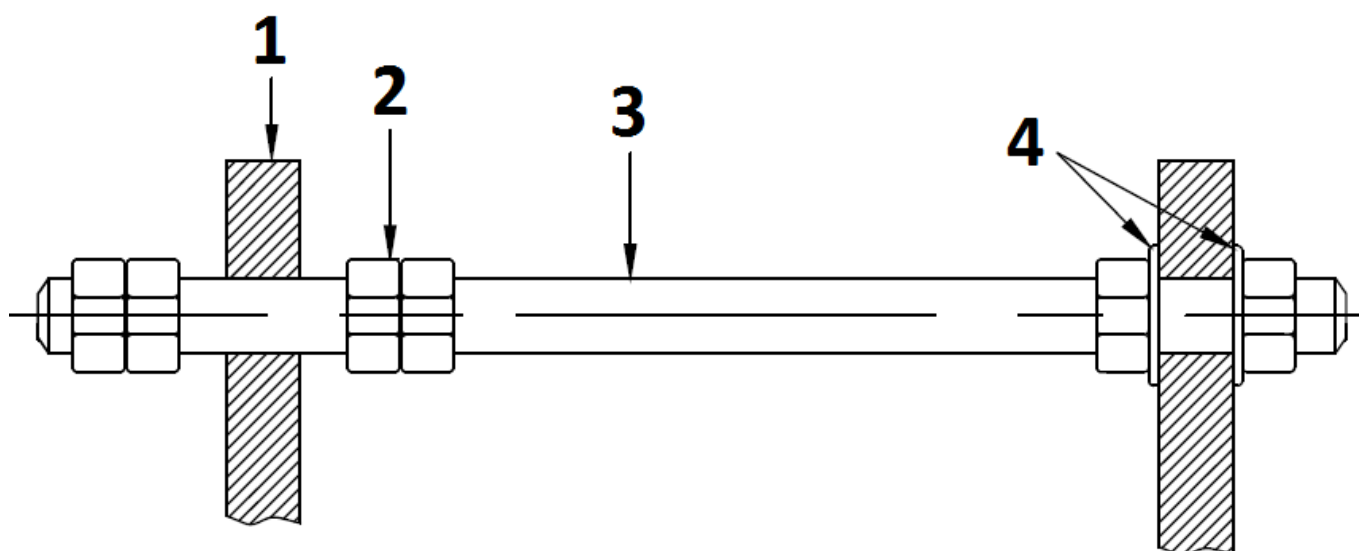
RANGE :



- Expansion limiter (with 2 studs and 4 plates included) for Ref.1501 and 1503 from DN 32 to DN 300 **Ref. 98604**
- Expansion limiter (with 4 studs and 8 plates included) PN10 for Ref.1501 from DN 350 to DN 600 **Ref. 98604**
- Expansion limiter (with 2 studs and 4 plates included) PN16 for Ref.1502 from DN 200 to DN 300 **Ref. 98603**
- Expansion limiter (with 2 studs and 4 plates included) for 130 mm long expansion joint from DN 32 to DN 300 **Ref. 98606**

TIE RODS ELONGATION LIMITER FOR FLANGED EXPANSION JOINT

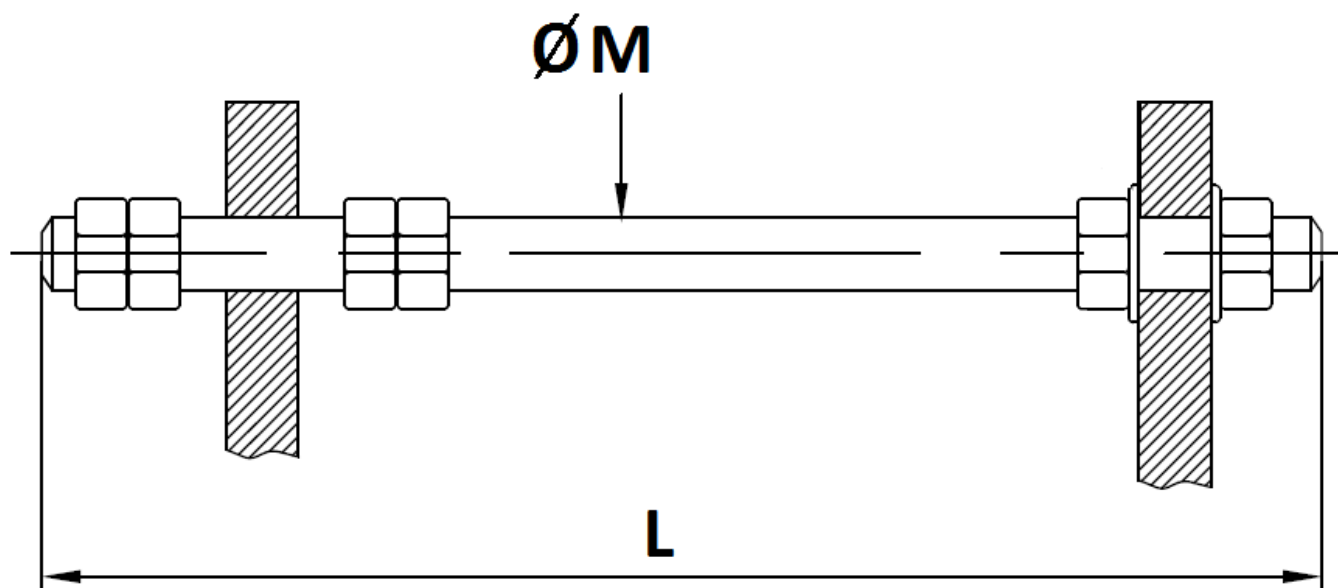
MATERIALS :



Item	Designation	Materials
1	Plate	Carbon steel S275JR galvanized
2	Nut	Carbon steel galvanized
3	Tie rod	Carbon steel Q235B galvanized
4	Washer	Carbon steel galvanized

TIE RODS ELONGATION LIMITER FOR FLANGED EXPANSION JOINT

SIZE REF.98604 FOR EXPANSION JOINT REF.1501 AND 1503 (in mm) :



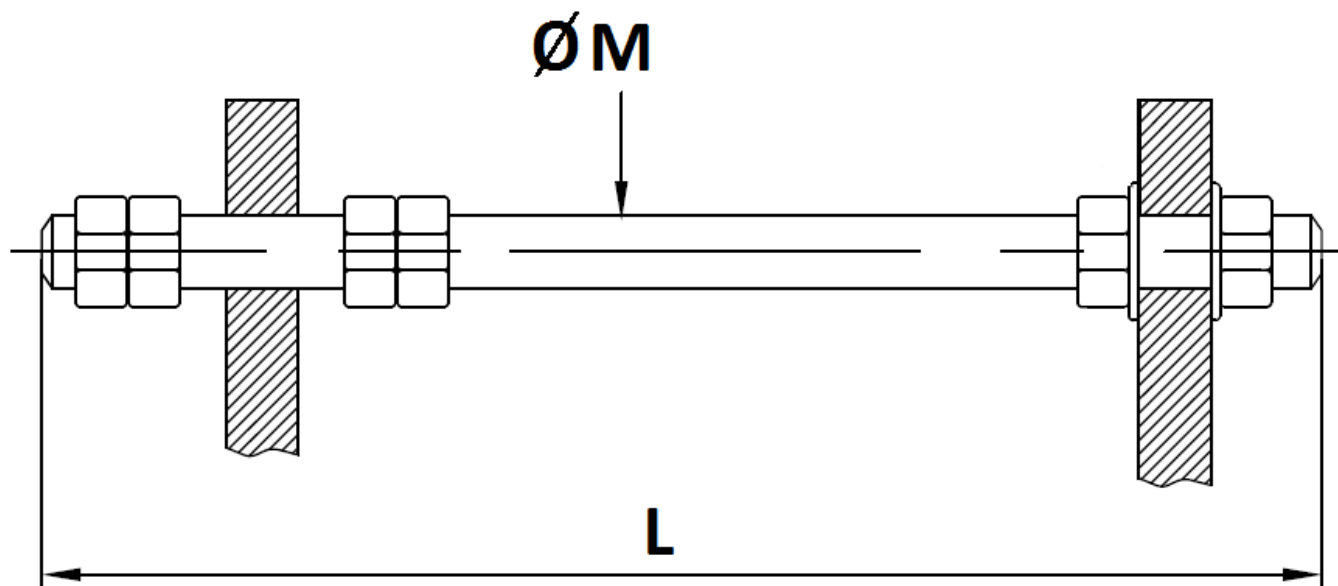
***modification of the total length in progress, for a longer value**

DN	32	40	50	65	80	100	125	150	200
L	200-220*	200-220*	220-240*	230-240*	245-260*	260-280*	295-320*	315-320*	355-370*
Ø M	M12		M16						M22
Number of Tie rods	2 Tie rods								
Ref.	9860407	9860408	9860409	9860410	9860411	9860412	9860413	9860414	9860415

DN	250	300	350	400	450	500	600
L	405-420*	435-460*	450-480*	480-500*	410-450*	420-450*	480-510*
Ø M	M22	M24		M32			
Number of Tie rods	2 Tie rods		4 Tie rods				
Ref.	9860416	9860417	9860418	9860419	9860420	9860421	9860422

TIE RODS ELONGATION LIMITER FOR FLANGED EXPANSION JOINT

SIZE REF.98603 FOR EXPANSION JOINT REF.1502 (in mm) :

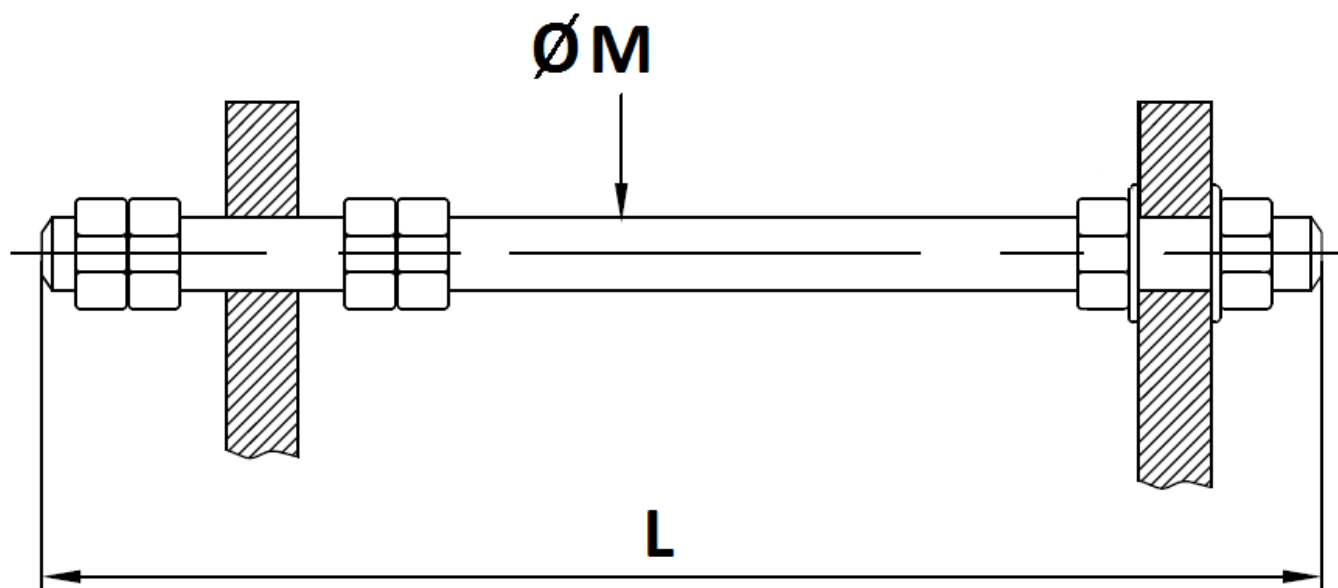


***modification of the total length in progress, for a longer value**

DN	200	250	300
L	355-370*	405-420*	435-460*
Ø M	M22		M24
Number of Tie rods	2 Tie rods		
Ref.	9860315	9860316	9860317

TIE RODS ELONGATION LIMITER FOR FLANGED EXPANSION JOINT

SIZE REF.98606 FOR EXPANSION JOINT 130 mm LONG (in mm) :



***modification of the total length in progress, for a longer value**

DN	32	40	50	65	80	100	125	150	200	250	300
L	245-260*	245-260*	250-270*	250-270*	250-270*	255-270*	255-270*	260-270*	275-290*	290-310*	300-320*
Ø M	M12		M16						M22		M24
Number of Tie rods	2 Tie rods										
Ref.	9860607	9860608	9860609	9860610	9860611	9860612	9860613	9860614	9860615	9860616	9860617

TIE RODS ELONGATION LIMITER FOR FLANGED EXPANSION JOINT**STANDARDS :**

- Fabrication according to ISO 9001 : 2015 and ISO 14001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (Article 4, § 3)

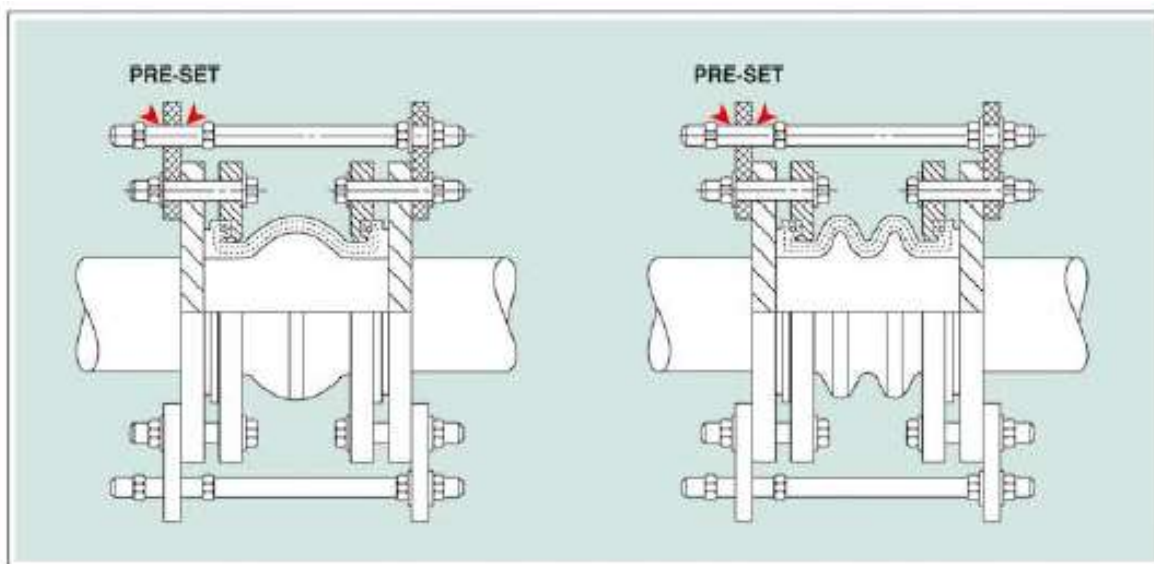
ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.

TIE RODS ELONGATION LIMITER FOR FLANGED EXPANSION JOINT

INSTALLATION INSTRUCTION :

- Use limiters : When the working pressure can exceed the following values :
 - Up to DN100 : 10 bars
 - From DN125 to DN250 : 9 bars
 - From DN300 to DN350 : 6 bars
 - From DN400 to DN600 : 3 bars
 - When there is some risk of high pressure (pump starting) or high temperature.

The control rod assemblies are pre-set at the maximum Allowable expansion and/or contraction of the joint during The commissioning or operating. It is strictly recommended For unanchored / unsupported system and also spring Mounted pumps or equipments.



TO BE SURE TO KEEP THE SETTING, PLEASE ADD 2 COUNTER NUTS :

