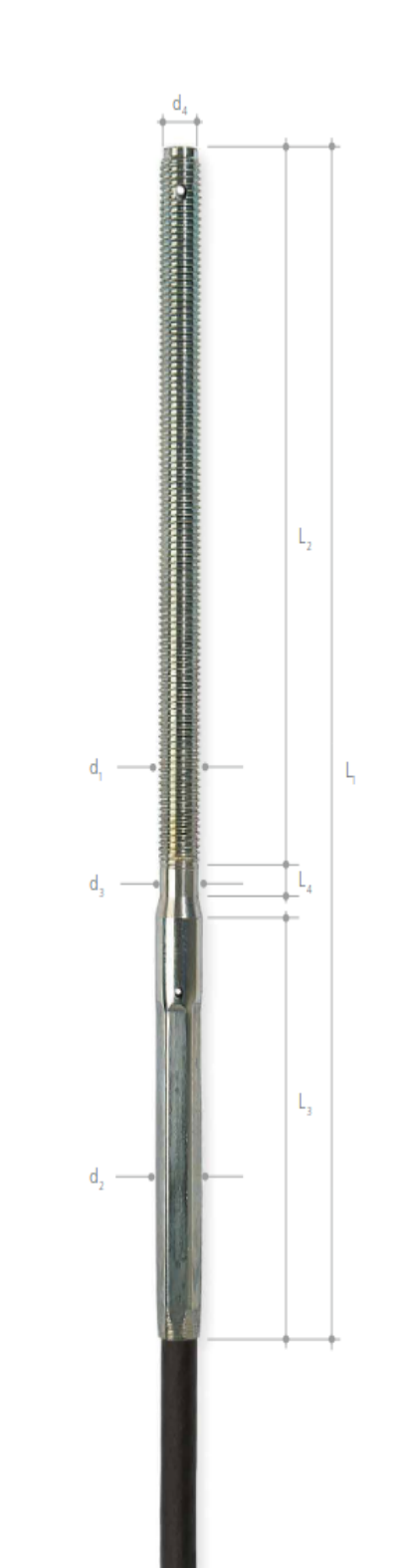


APAG Threaded Swaged Sockets



Vollastahseil, 9 litzen, gensondert verseilt
Vollastahseil, 9 litzen, gensondert verseilt

[illegible][illegible]



DOOR CLOSING ROPE SETS



TSS-Rope Set
keep the tension under control
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant

One packaging unit contains 5 ropes sets each

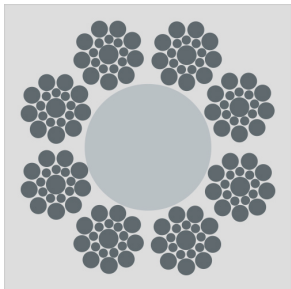
| item number | rope-@ |
|----------------|--------|
| | mm |
| 77720 | 3.0 |

SMZ-Rope Set
keep the tension under control
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant
keep the tension under control
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant

Advantages
keep the tension under control
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant

| item number | rope-@ |
|----------------|--------|
| | mm |
| 77720 | 3.0 |

DOOR CLOSING ROPE FLEX. ROPE CLAMP



Steel Core Rope, 6 Strands, Separate Lay
and number of trips, also under difficult highest demands
on breaking force, elongation elongation number of trips,
also under difficult installation

125,000
N/mm²
18.1x10⁶
psi

E-Module**

0.104
%
1.2
in/100ft

Elastic

0.13
%

permanent

| item number | rope-@ mm | breaking load min. kN | weight kg/100m | construction |
|-------------|--------------|-----------------------------|-------------------|---------------------------|
| 10699 | 6.0 | 42.7 | 26.9 | 9x19S-PWRC 1570 UsZ.(RRL) |
| 10699 | 6.0 | 42.7 | 26.9 | 9x19S-PWRC 1570 UsZ.(RRL) |
| 10699 | 6.0 | 42.7 | 26.9 | 9x19S-PWRC 1570 UsZ.(RRL) |

Rope Clamp
keep the tension under control
ering properties at minimum overall height
transverse elongation

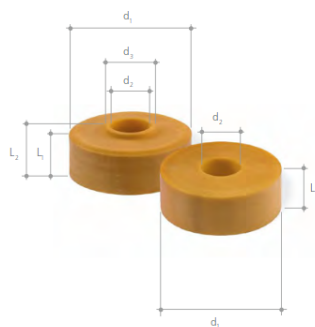
Advantages
also applicable on the counterweight side as rope length compensation



| item number | rope-@* mm | d | L1 | L2 | max. required torque Nm | rode clamp/ loop pcs |
|-------------|---------------|----|------------------|----|----------------------------------|-------------------------------|
| | | | dimensions in mm | | | |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |
| 49459 | 5.0 | M5 | 25 | 12 | 2.0 | 3 |

* Corresponds to the maximum rope diameter.
For interim sizes of the rope diameter the next-largest clamp size is to be used

ELASTOMER BUFFERS for Rope Attachment



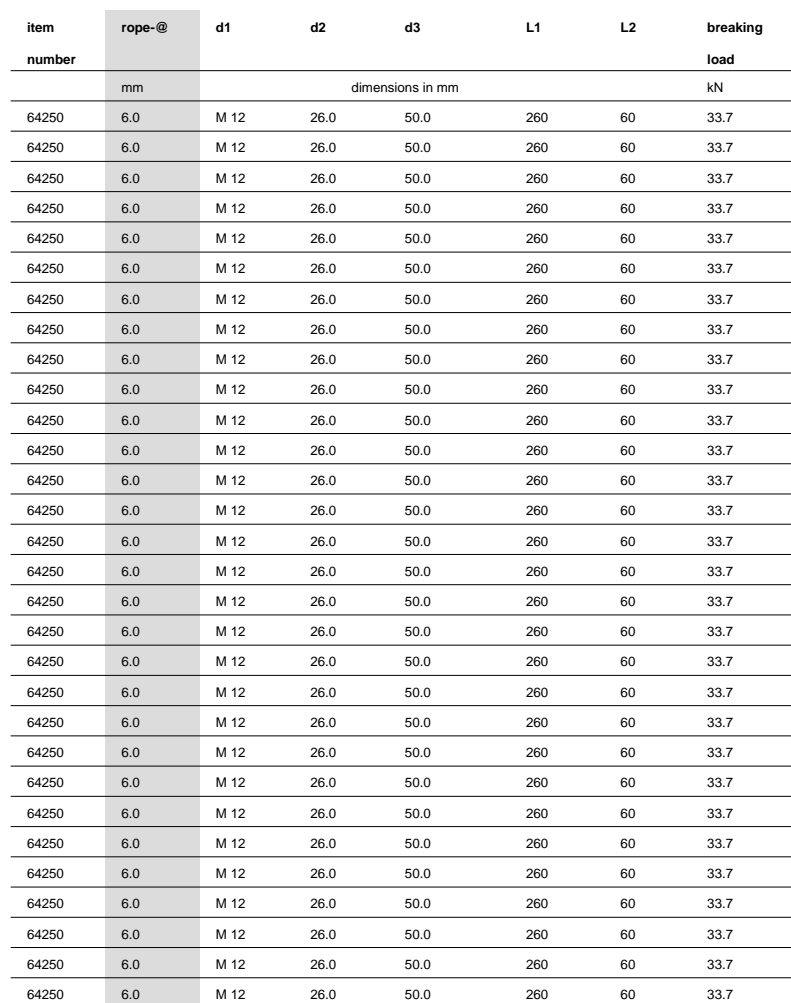
Product Data
polyurethane elastomer with cells
suitable for APAG, eyelet bolt, wedge socket symmetrical and asymmetrical

Advantages
excellent buffering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant

| Item number | for tread | d1 | d2 | d3 | L1 | L2 | max. stat. weight | max. pressure force |
|-------------|-----------|------------------|----|----|----|----|-------------------|---------------------|
| | mm | dimensions in mm | | | | | kg | kN |
| 77658 * | M12 | 50 | 13 | 22 | 28 | 33 | 170 | 6.867 |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 | 6.867 |
| 77658 * | M12 | 50 | 13 | 22 | 28 | 33 | 170 | 6.867 |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 | 6.867 |
| 77658 * | M12 | 50 | 13 | 22 | 28 | 33 | 170 | 6.867 |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 | 6.867 |

* with collar. If not expressly desired differently, we supply rope attachments with a buffer always with a collar. in case of several buffers always the top one with collar

EYELET BOLT with Swaged Thimble

[illegible]

Other sizes available upon request.

GDC Grove Depth Comparator . RWG Rope Wear Gauge



GDC Groove Depth Comparator

The GDC enables you to precisely measure and compare sheave groove variations. It serves to early detect worn-out drive sheaves and may thus help to increase the service life of ropes.

Advantages

Applicable for all common groove shapes
Very easy handling
Measurement in 1/100mm or 1/1000 inch
Measuring accuracy 5/1000mm or 5/10000 inch
Total weight of 190 g
Switching between metric and imperial system

| item number | size | version |
|-------------|---------|---------|
| 77768 | 8-19 mm | metric |
| 77768 | 8-19 mm | metric |



RWG Rope Wear Gauge

Within seconds, the precision gauge enables you to check, whether the minimum nominal diameter of the rope is below the target. If below limit, the rope must be replaced

Advantages

Robust design in aluminum with anodized surface
Application in seconds
Weight of only 100 g
Applicable for diameters from 8 2 mm or 3/8 3/4 inch
Precise finish

| item number | size | unit of Measurement |
|-------------|---------|---------------------|
| 77768 | 8-19 mm | metric |
| 77768 | 8-19 mm | metric |

VT-LUBE Rope Care Lubricant



VT-Lube

This rope care lubricant was especially developed for the relubrication of elevator ropes

Advantages

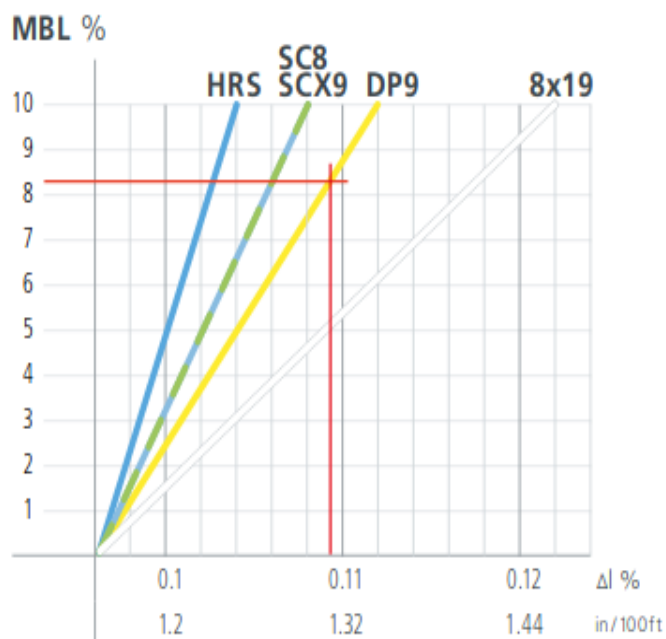
excellent penetration quality causes optimum friction reduction in the rope
 excellent creep quality enables even lubricant distribution on and in the rope
 excellent corrosion protection
 suitable for high rope speed through very good adhesive quality
 neutral quality towards synthetic materials
 (no swelling of plastic parts)

| item number | content |
|----------------|---------|
| | mm |
| 77738 | 5 |



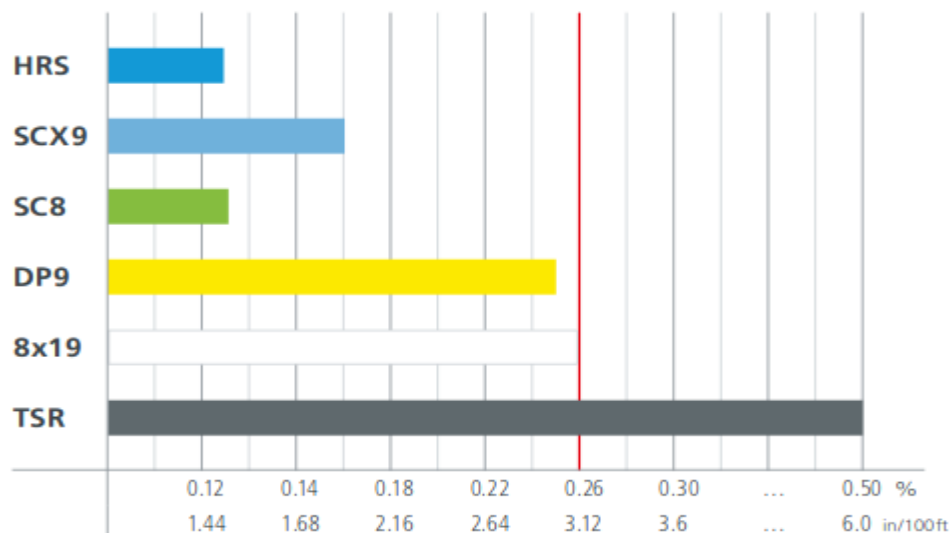
ROPE COMPARISON

Elastic Elongation



Elongation of the rope occurring whenever a rope is
Elongation of the rope occurring whenever a rope is
Elongation of
Elongation of the rope occurring whenever a rope is
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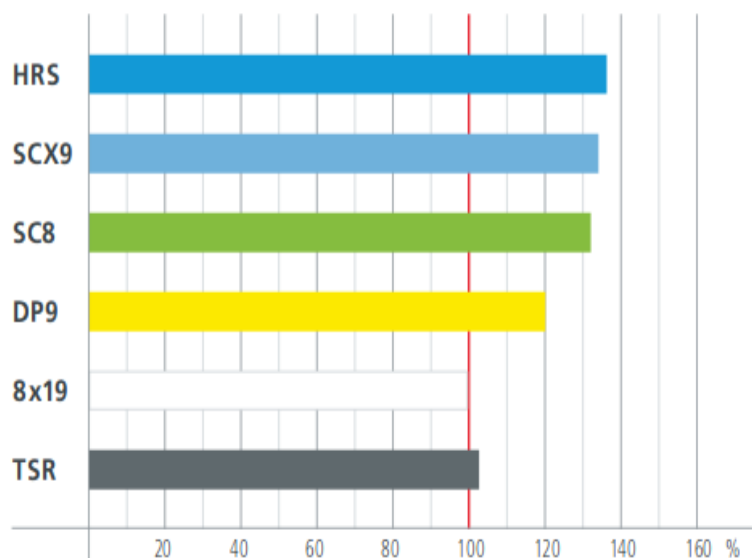
Permanent Elongation



Elongation of the rope occurring whenever a rope is
Elongation of the rope occurring whenever a rope is
Elongation of the rope occurring whenever a rope is
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Elongation of the rope occurring whenever a rope is
Elongation of the rope occurring whenever a

ROPE COMPARISON iLINE

Minimum Breaking Load



MBL represents the minimum load that can be applied
 MBL represents the minimum
 MBL represents the minimum load that can be applied
 MBL represents the minimum load that can
 MBL represents the minimum load that can be applied
 MBL represents

iLine & Color Coding

Correctly installed hoist ropes increase the service life and the safety.
 Correctly installed hoist ropes increase the service life and the safety.
 Correctly installed hoist ropes increase the service life and the safety.
 Correctly installed hoist ropes.

Correctly installed hoist ropes increase the service life and the safety.
 Correctly installed hoist ropes increase the service life and the safety.
 Correctly installed hoist ropes.

Advantages of the iLINE

simple and correct installation
 safe installation aid
 optimizes product performance
 colour code for the identification of the rope type

HRS

SCX9

SC8

DP9

8x19



RLE

Rope Load Equalizer

ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant

RLE-Kit

ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation

Advantages

grease- and oil resistant
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant





ROPE CUTTERS



Rope Cutters

| item number | rope @ | weight | length cutters |
|-------------|---------|--------|----------------|
| | mm | kg | mm |
| 77790 | upto 12 | 1.5 | 500 |



Hydraulic Rope Cutters

| item number | rope @ | weight | length cutters |
|-------------|---------|--------|----------------|
| | mm | kg | mm |
| 77790 | upto 12 | 1.5 | 500 |

PACKAGING

When selecting the packaging, BRUGG LIFTING pays attention to the best transport protection possible. Our ropes are protected in the best possible way during the transport with special packaging materials against corrosion and mechanical damaging.

BRUGG LIFTING is committed to handle resources with great care. That is why our ropes, whenever possible, are delivered on sturdy returnable reels and drums that can be reused.

Cross Drums
capacity according to rope diameter
from 100m (16mm) to 400m (6,5mm)

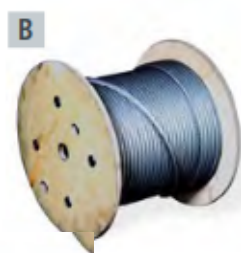
Round Reels
/width: 300 600mm / 320 530mm

Coils
up to 50m or 30kg

XJ Wooden Reels 100 x 65 cm
capacity according to rope diameter
from 1000m HRS (16mm) or 1132kg reel weight
up to 4100m HRS (8mm) or 1118kg reel weight

System Deliveries on Pallets
consisting of rope/ end terminations/ accessories/
mounting materia

System Deliveries in Sturdy Cardboard Box
System Deliveries in Sturdy Cardboard Box





RPM Rope Performance Measurement Device



ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant

Advantages
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant

keep the tension under control
ering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant

| item number | rope-@ | |
|----------------|--------|-----------|
| | mm | in |
| 70020 | 8-22 | 5/16-7/18 |





SPRING

Product Data
polyurethane elastomer with cells
suitable for APAG, eyelet bolt, wedge socket symmetrical and asymmetrical

Advantages
excellent buffering properties at minimum overall height
transverse elongation
also applicable on the counterweight side as rope length compensation
grease- and oil resistant



| Item number | for tread | d1 | d2 | d3 | L1 | spring rate | spring force |
|-------------------------------|-----------|------------------|----|----|----|-------------|--------------|
| | mm | dimensions in mm | | | | N/mm2 | kN |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 |
| on request | M12 | 50 | 13 | 22 | 28 | 33 | 170 |
| substitute for 64469 of 64470 | | | | | | | |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 |
| 77658 | M12 | 50 | 13 | 22 | 28 | 33 | 170 |

* with collar. If not expressly desired differently, we supply rope attachments with a buffer always with a collar. in case of several buffers always the top one with collar