

High tensile rope wire for dynamic applications

Flexible and reliable solutions to realize your most demanding projects

What can we offer you ?

Round high carbon steel wire for hoisting, traction and carrier ropes based on advanced rod alloys.

Features of Bekaert wire	Benefits for your rope
<ul style="list-style-type: none"> • High tensile strength wire with excellent ductility characteristics • Consistent quality control (process control) • Corrosion resistance 	<ul style="list-style-type: none"> • Excellent fatigue properties • Reliability



Skilift



Hoisting crane

Bekaert is able to meet very demanding customer specifications by offering a broad range of wires in terms of:

- Extensive tensile strength range (1370 - 2260 N/mm²)
- Diameters (0.15 to 6 mm)
- Bright phosphated, galvanised and Bezinal[®] coated wires

Flexible and reliable delivery performance

Product range

Rope wire according to EN-10264-2

Bright phosphated – galvanised class B

Tensile (N/mm ²)	Standard size range (mm)						
	0.20-2.65	0.20-3.60	0.20-4.20	0.20-4.65	0.20-5.00	0.20-5.40	0.20-6.00
1370							
1470							
1570							
1670							
1770							
1860							
1960							
2060							
2160							
2260							

Bezinal[®] class B

Tensile (N/mm ²)	Standard size range (mm)						
	0.50-2.50	0.50-2.70	0.50-2.90	0.50-3.20	0.50-3.60	0.50-4.00	0.50-4.40
1370							
1470							
1570							
1670							
1770							
1860							
1960							
2060							
2160							
2260							

Stainless steel rope wire also available on request

Applications

- Mining
- Hoisting cranes
- Mountain ropes and cable ways

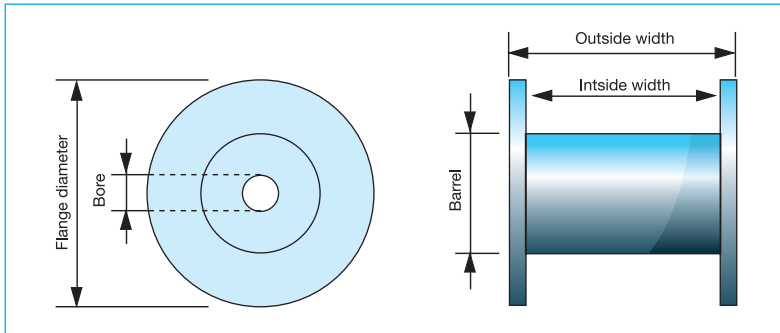
Make-up

Spoolless core type Z2

Diameter range	Capacity	Inside diameter	Outside diameter	Traverse	
0.45–0.55 mm	± 350 kg	± 356 mm	± 650 mm	± 280 mm	
0.55–0.65 mm	± 400 kg	± 356 mm	± 680 mm	± 280 mm	
0.65–2.80 mm	± 430 kg	± 356 mm	± 700 mm	± 280 mm	

BS60 spools

Diameter range	Capacity	Flange diameter	Bore	Barrel	Width	
					Inside	Outside*
0.20mm - 0.35 mm	± 40 kg	± 355 kg	± 36 mm	±224 mm	±160 mm	±200 mm
0.35 mm - 0.60 mm	± 45 kg	± 355 kg	± 36 mm	±224 mm	±160 mm	±200 mm



Quality



ISO14001



ISO9001/2000

All details describe our products in general form only. For ordering and design only use official specifications and documents.

BEKAERT

Bekaert Japan Co., Ltd.
 3F, 2-27-10, Hatchobori,
 Chuo-ku
 Tokyo 104-0032
 Japan
 T +81 3 5542 7632
 F +81 3 5542 7771
 info.jptok@bekaert.com

Bekaert Management Co., Ltd
 16F Shartex Plaza,
 88 Zun Yi Nan Road
 200336 Shanghai
 China
 T +86 21 3224 46 88
 F +86 21 6295 22 34
 wire.china@bekaert.com

Bekaert Singapore Pte Ltd
 583 Orchard Road
 #10-01 Forum
 Singapore 238884
 T +65 6732 36 33
 F +65 6732 46 76
 sales.singapore@bekaert.com

Bekaert Industries Private Ltd.
 Sai Trinity Building
 Unit N° 9 & 20 -
 5th Floor, Central Wing- S.N°146,
 Pashan
 Pune – 411 021
 India
 T +91 20 6627 6600
 F +91 20 6627 6601
 steelwire.pune@bekaert.com

info@bekaert.com
 www.bekaert.com

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