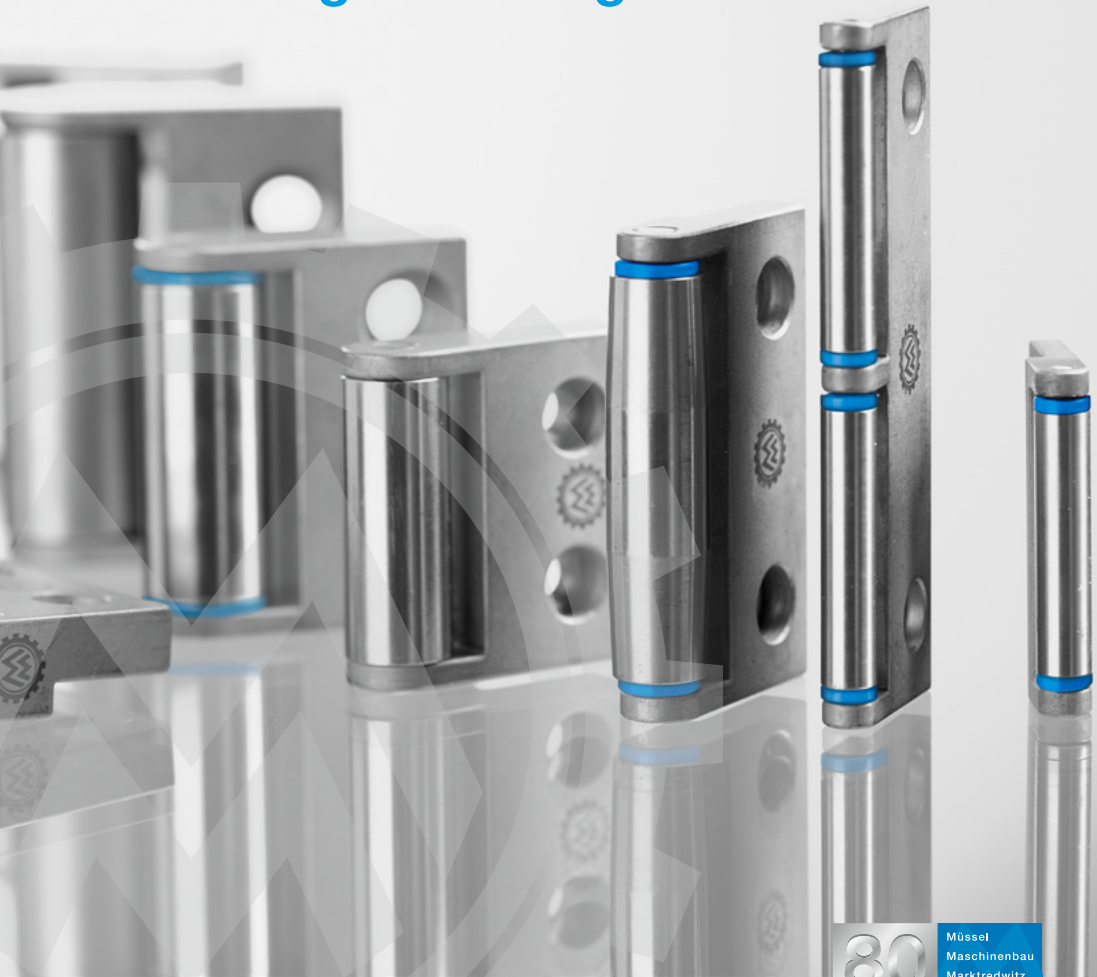


Careful delivery of conveyed material by using the

# Rolling Knife Edge

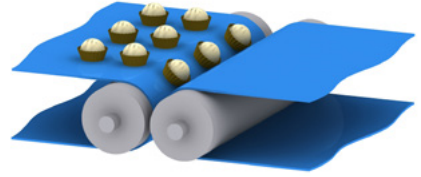


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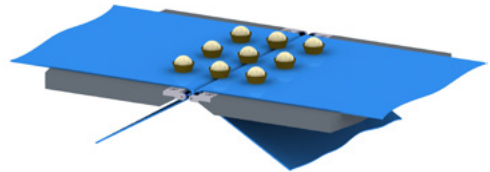


“We recommend to use our Rolling Knife Edge”



In many cases conveyed material, such as small parts, chocolate candies, wood fiber-board, plastic parts etc. have to be carefully delivered to the following belt. Rollers of usual diameter (e. g.  $\varnothing$  70 mm) would damage the transported material and cause trouble to the conveyor unit, by using stationary knife edges the conveyor belt and the transfer are strongly loaded.

Those days are gone!



## Your advantages

**Reduction of drive power**

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**Less heating-up of belt material**

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**Longer maintenance intervals**

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**Increase of life time**

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**Smaller transfer section**

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**Energy saving**

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**Fast and careful transfer of goods**

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# Rolling Knife Edge

A Rolling Knife Edge (RMK) ensures gentle and smooth transfer of sensitive goods to the next section of the conveyor. Thanks to its moving rollers, energy savings of up to 70% can be achieved. At the same time, wear and tear of the conveyor belt is reduced and the availability of the transfer markedly increased. Individually configurable standard and special components for almost every transport system, a large variety of conveyor belt dimensions, and specially for the use of thin belt materials.

### Belt width

Nearly every belt width can be deflected by piecing together the elements

### Belt speed

max. 3500 mm/s

### Belt running direction

Any direction, reversing direction is admissible

### Executions

**N** - bearings with thrust washer

**Q** - for taking up the transverse force

### Temperature range

Standard: +10°C up to +70°C

High temperature: +70°C up to +120°C

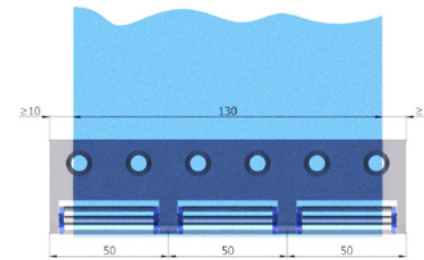
Low temperature: -40°C up to +10°C

### Lubrication

Life time lubricated

## Example of mounting

The belt edge should run on a roll.

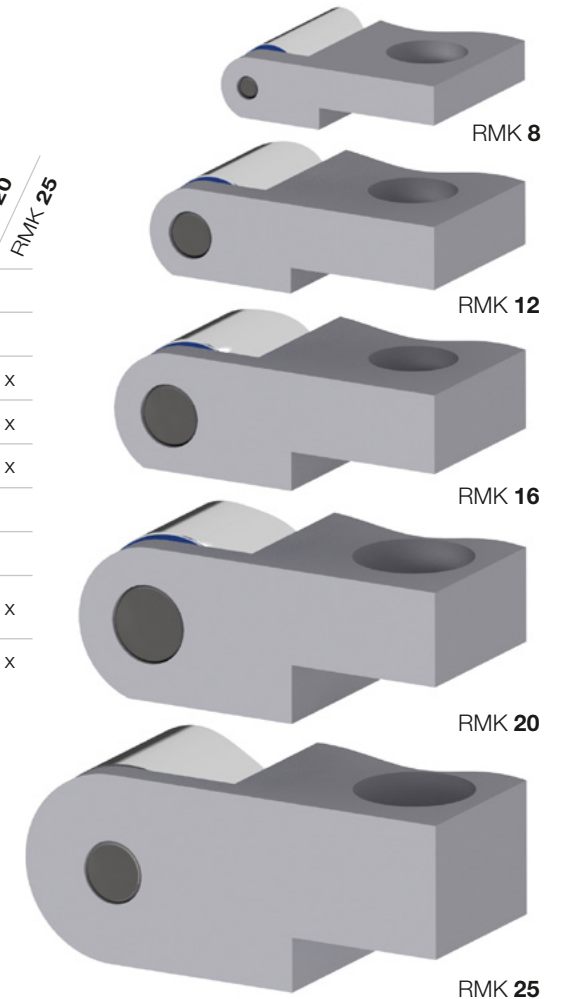


## Nomenclature, example

RMK	12	M	100	ST	N
Type	Roll Ø	Module	Element width	Material	Execution

## Available executions

	RMK 8	RMK 12	RMK 16	RMK 20	RMK 25
Width 50	x	x	x	x	
Width 60	x	x	x	x	
Width 75					x
Width 100	x	x	x	x	x
Steel (ST)	x	x	x	x	x
Stainless steel (VA)	x	x	x	x	
Normal (N)	x	x	x	x	
Transverse force execution (Q)			x	x	x
Shaft seal		x	x	x	x



Please find our construction advices at [bit.ly/MuesselRMKen](https://bit.ly/MuesselRMKen)



“We`re a genuine full service”



## **Advising Delivery Assembly Service**

Good service means for us, to treat and support our customers personally, reliably and during the entire product lifecycle – even if it has to be quick sometimes.

Whether it is timely supply of spare parts or an urgent device repair – our specialists come into your workshop, advise, check, wait for your used RMK's and perform all necessary measures and maintenance.

## **Special design**

We do develop and create special technological concepts according to your wishes! You can even find the appropriate solution for the complex operating conditions (e. g. wood industry)!

We would be pleased accepting your **challenge!**

**MÜSSIG**  
Maschinenbau GmbH



“Quality from the Fichtelgebirge,  
used around the world”

Conveyor Technology



BeltingTools



Production & Service



Components for  
conveyor technology



Special engineering



Müssel Maschinenbau GmbH  
Reichelsweiherstr. 8  
95615 Marktredwitz  
GERMANY



Tel.: +49 9231 9980-0  
Fax: +49 9231 9980-80  
kontakt@muessel.com

[www.muessel.com](http://www.muessel.com)