Please use a separate page for each application / Bitte für jede Anwendung ein separates Blatt ausfüllen

Our address / Unsere Anschrift:

Company / Firma		**Phone / Telefon**	
Street / Straße		**Fax**	
Address / PLZ , Ort		**e-mail**	
Country / Land		**Position / Funktion im Betrieb**	
Name		**Language / Sprache**	

Material N° / Werkstoffbezeichnung:

Quantity / Menge:

☐	**Steel / Stahl**	%
☐	**Stainless steel / Edelstahl**	%
☐	**Others / Sonstiges**	%

• Bevel angle / Fasenwinkel (α)



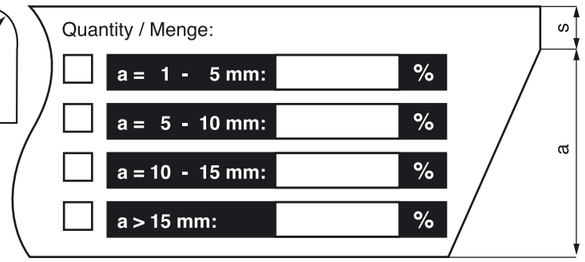
min:	°
max:	°

• Radius (r)



min:	mm
max:	mm

• Leg lenght / Anrissmaß (a)

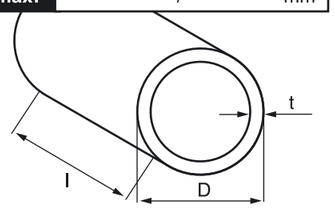


Quantity / Menge:

☐	**a = 1 - 5 mm:**	%
☐	**a = 5 - 10 mm:**	%
☐	**a = 10 - 15 mm:**	%
☐	**a > 15 mm:**	%

Dimension / Abmessungen:
• Pipe / Rohr

D min/max:	/	mm
l min/max:	/	mm
t min/max:	/	mm



Operating time per day / Einsatzzeit p. Tag		**h**
Pieces per day / Stückzahl pro Tag		
Meter per day / Meter pro Tag		**m**

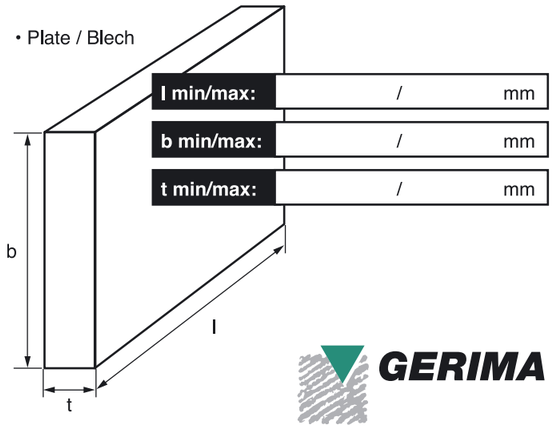
Type of bevel / Fasenform:



Type of beveling / Fasenverlauf:



• Plate / Blech



l min/max:	/	mm
b min/max:	/	mm
t min/max:	/	mm

I am interested in / Spezielles Interesse an:

☐	**T = Tools / Werkzeuge**	Type / Typ
☐	**S = Small Machines / Kleine Maschinen**	Type / Typ
☐	**M = Medium Machines / Mittlere Maschinen**	Type / Typ
☐	**L = Large Machines / Große Maschinen**	Type / Typ

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TOOLS SMALL MEDIUM LARGE

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T - TOOLS

TM - tools / milling

Angle	*45°*	*10-80°*
Radius	*1,2-6 mm*	*3-15 mm*
a-measure	*0-12,5 mm*	*5-20 mm*
Teeth	*3/4*	*4*
Diameter	*41/46 mm*	*56-74 mm*
∅dH7	*Weldon 20/25 mm*	*27 mm*
	TMW / R	**TMA / R**



fig. TMW



fig. TMA

High speed milling cutter optimized for CNC machining
- Visible / functional bevels and welding bevels
- Preparation for painting work / corrosion protection
- Cutting speeds 150-1.400 m / min at 1.290-12.000 rpm (depending on the material)
- 8-edged indexable inserts
- Strongly positive cutting geometry
- Generation of high quality surfaces
- Also well suited for less powerful CNC machines
- Also for processing carbon fiber composites, plexiglass, plastics etc.

S - MACHINES

NEW with booster technology

SM - small hand-held beveling machines / edge milling machines



Booster technology	*---*	*---*	*yes*	*yes*	*yes*	*yes*	*yes*
Spring technology	*---*	*---*	*---*	*yes*	*yes*	*yes*	*yes*
Bevel width	*1-8 mm*	*1-5(7) mm*	*1-8 mm*	*1-16(20) mm*	*1-20 mm*	*1-25(30) mm*	*1-30 mm*
a-measure	*7,5 mm*	*5 mm*	*8 mm*	*15 mm*	*15 mm*	*20 mm*	*20 mm*
Bevel angle	*30°/45°/80°*	*45°*	*30°/45°/60°*	*0-80°*	*0-60°*	*0-80°*	*0-80°*
Radius	*1,2-6 mm*	*1,2-2,5 mm*	*1,2-6 mm*	*1,2-8 mm*	*2-8 mm*	*2-15 mm*	*2-15 mm*
Cutting edges	*K3*	*K3*	*K3*	*K3x2*	*D4*	*K3x3 / D4*	*K3x3 / D4*
Idle speed	*2.500-7.900 rpm*	*11.000 rpm*	*2.500-7.900 rpm*	*2.000-7.600 rpm*	*8.500 rpm*	*2.200-7.800 rpm*	*1.000-8500 rpm*
Power consumption	*1.500W*	*1.200 W*	*1.500 W*	*1.750 W*	*2.100 W*	*2.200 W*	*2.900 W*
Weight	*approx.15 Kg*	*2,95 Kg*	*4,8 Kg*	*7,5 Kg*	*7,5 Kg*	*11,5 Kg*	*13,5 Kg*
	SMT 30-AER	**SMA 20-AEF**	**SMA 30-BER**	**SMA 40-BER**	**SMA 50-BPV**	**SMA 60-BER**	**SMA 60-BHV**

- Ideal for processing of radii for paint preparation, coatings and corrosion protection
- The indexable inserts are used up to 8 times
- Can be used in multi-shift operation (pneumatic)
- Ergonomic two-hand operation
- With booster technology for increased productivity through 30% -80% higher material removal while reducing vibrations at the same time
- With spring technology 2.0 for even more functional, safe work, easier positioning on the workpiece edge, significantly less maintenance operation and high user-friendliness
- Milling head quick-change system 2.0 with optimal torque transmission for easier handling when changing milling heads, both with the tried and tested standard milling heads and with the new high-performance milling heads - thus making work even more efficient

Subject to technical changes, no guaranteed values. Liability for printing errors is excluded.

S - MACHINES

SG – small edge grinding machines

Bevel width	*Max. 50 mm*	*Max. 50 mm*	*Max. 40 mm*	
Bevel angle	*0°*	*0°*	*0°/30°/45°/60°*	
Grinding body	*178 mm*	*178 mm*	*40-100 mm*	
Idle speed	*6.500 rpm*	*6.500 rpm*	*2.500-7.500 rpm*	
Power consumption	*2.500 W*	*2.500 W*	*1.750 W*	*1.900 W*
Weight	*9,5 Kg*	*13 Kg*	*6,0 Kg*	*5,0 Kg*
	SGA 60	**SGB 60**	**SGC 40-E**	**SGC 40-P**



fig. SGC

fig. SGB

fig. SGA

- Reworking of burned sheet metal edges
- Grinding of burner notches in the longitudinal direction
- Rework of contours and holes
- Leveling and grinding of weld seams (SGA)
- Good handling due to compact and light design

M - MACHINES

MMB - medium-sized bevelling machines / edge milling machine

Bevel width	*1-20 mm*	*1-30 mm*	*1-30 mm*
Bevel angle	*25°-55° / 30°-60°*	*25°-55° / 30°-60°*	*25°-55° / 30°-60°*
Max. workpiece thickness	*100 mm*	*100 mm*	*190 mm*
Idle speed	*2.000-6.000 rpm*	*2.000-6.000 rpm*	*2.000-6.000 rpm*
Power consumption	*5,5 KW*	*7,5 KW*	*7,5 KW*
Table dimension	*750x410 mm*	*1.490x700 mm*	*1.490x700 mm*
Voltage	*400 V / 32A*	*400 V / 32A*	*400 V / 32A*
Weight	*approx. 500 Kg*	*approx. 725 Kg*	*approx. 950 Kg*
	MMB 400 B	**MMB 500**	**MMB 600 C**



fig. MMB 400 B



fig. MMB 600 C

fig. MMB 500

- Suitable for aluminum, steel, stainless steel and fine-grained steels
- For processing small, medium-sized and large workpieces
- Very high bevel quality and high stock removal rate
- Particularly suitable for individual parts and series production when preparing weld seams and for optical bevels
- With lubrication system
- Automatic, adjustable feed
- Feed by contact wheel
- Precise workpiece guidance

L-MACHINES

LGA / LGC - high-performance belt grinding machines

Grinding stroke	*2.000-6.500 mm*	*continually*
Bevel width	*2-100 mm*	*2-100 mm*
Bevel angle	*-45° - +80°*	*-45° - +80°*
Material thickness	*2-100 mm*	*2-100 mm*
	LGA	**LGC**



fig. LGA

- Modular design
- Configurable in different variants:
  - Grinding stroke
  - Bevel width
  - Bevel angle
- Tailor-made for the preparation of weld seams on straight edges
- Up to 2 m feed / minute
- Remaining web accuracy +/- 0.5 mm

Subject to technical changes, no guaranteed values. Liability for printing errors is excluded.