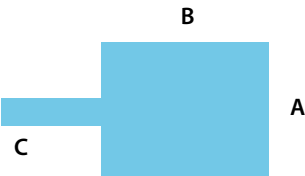


> SHAPES



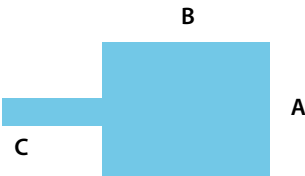
A = diameter

B = width

C = spindle

Shape	A (Ø in mm)	B (in mm)	C (Ø in mm)	
A3	22	70	6	
A4	30	30	6	
A5	20	28	6	
A11	21	45	6	
A12	18	30	6	
A12S	12	12	6	
A15	6	25	6	
A20S	20	20	6	
A21	25	25	6	
A25	25	25	6	
A26	16	16	6	
B42	13	20	3	
B52	10	20	6	
B90	13	13	3	
B121	13	13	3	
B122	10	10	3	
W153	5	10	3	

Shape	A (Ø in mm)	B (in mm)	C (Ø in mm)	
W160	6	6	3	
W163	6	13	3	
W175	10	10	3	
W176	10	13	6	
W177	10	20	6	
W178	10	25	6	
W179	10	32	6	
W183	13	6	6	
W185	13	13	6	
W186	13	20	6	
W196	16	25	6	
W204	20	20	6	
W206	20	32	6	
W220	25	25	6	



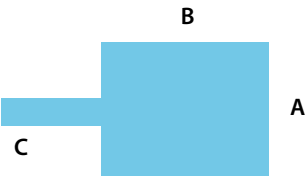
A = diameter

B = width

C = spindle



> **SHAPES**



A = diameter

B = width

C = spindle

Shape	A (Ø in mm)	B (in mm)	C (Ø in mm)	
W227	32	13	6	
W229	32	25	6	
W230	32	32	6	
W236	40	13	6	
W237	40	25	6	
W4032	40	32	6	



➤ WHEN SHOULD YOU CHOOSE REINFORCED COTTON OR UNITIZED?



REINFORCED COTTON

2 different bonds can be distinguished in the reinforced cotton:

GFA

Soft latex bond:

- minor deburring and finishing in a single operation
- extremely forgiving

MTA

Resin bond, harder than GFA

- longer lifespan and angle resistance
- relative quick stock removal
- simultaneously provides an even shiny grinding image



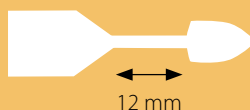
UNITIZED

Compressed, impregnated fibres, even softer than GFA:

- finishing spindles: high finish
- limited stock removal capacity
- adapt easily to the workpiece
- even more forgiving than GFA



Spindle length & max. RPM



The maximum permitted speed (max. RPM) is determined by the free spindle length of the grinding point. The maximum permitted speed indicated in this chapter by the item numbers is valid for a maximum free point spindle of 12 mm.

Doubling the free spindle length reduces the maximum permitted speed by half.

➤ Mounted points

REINFORCED COTTON

- Applications:**
- Removing internal weld seams
 - Works more aggressively than compressed grinding materials
- To be mounted on:**
- Straight grinders
 - Driving motors with flexible shafts

shape		diameter	spindle diameter	grit	code	max RPM*	stock	
A12		Ø 18	Ø 6	GFA36	RCMP/A12/GFA36	38.000	●	10
A15		Ø 6	Ø 6	MTA80	RCMP/A15/MTA80	81.300	●	10
A15		Ø 6	Ø 6	GFA120	RCMP/A15/GFA120	81.300	●	10
A25		Ø 25	Ø 6	MTA24	RCMP/A25/MTA24	34.500	●	10
A25		Ø 25	Ø 6	GFA36	RCMP/A25/GFA36	34.500	●	10
A26		Ø 16	Ø 6	MTA80	RCMP/A26/MTA80	38.900	●	10
A26		Ø 16	Ø 6	GFA120	RCMP/A26/GFA120	38.900	●	10
A3		Ø 25	Ø 6	GFA36	RCMP/A3/GFA36	34.500	●	10
A5		Ø 19	Ø 6	MTA54	RCMP/A5/MTA54	38.900	●	10
B121		Ø 13	Ø 6	MTA80	RCMP/B121/MTA80	45.300	●	10
B121		Ø 13	Ø 6	GFA120	RCMP/B121/GFA120	45.300	●	10
B122		Ø 10	Ø 3	MTA80	RCMP/B122/MTA80/3	45.300	●	10
B122		Ø 10	Ø 3	GFA120	RCMP/B122/GFA120/3	45.300	●	10
B122		Ø 10	Ø 6	MTA80	RCMP/B122/MTA80	45.300	●	10
B122		Ø 10	Ø 6	GFA120	RCMP/B122/GFA120	45.300	●	10
B42		Ø 13	Ø 6	GFA120	RCMP/B42/GFA120	45.300	●	10
B42		Ø 13	Ø 6	MTA80	RCMP/B42/MTA80	45.300	●	10
B52		Ø 10	Ø 3	MTA80	RCMP/B52/MTA80/3	45.300	●	10
B52		Ø 10	Ø 3	GFA120	RCMP/B52/GFA120/3	45.300	●	10
B52		Ø 10	Ø 6	MTA54	RCMP/B52/MTA54	45.300	●	10
B52		Ø 10	Ø 6	GFA80	RCMP/B52/GFA80	45.300	●	10
B52		Ø 10	Ø 6	MTA80	RCMP/B52/MTA80	45.300	●	10
B52		Ø 10	Ø 6	GFA120	RCMP/B52/GFA120	45.300	●	10
W160		Ø 6	Ø 3	MTA80	RCMP/W160/MTA80/3	81.300	●	10
W160		Ø 6	Ø 3	GFA120	RCMP/W160/GFA120/3	81.300	●	10
W163		Ø 6	Ø 6	MTA80	RCMP/W163/MTA80	81.300	●	10
W175		Ø 10	Ø 3	MTA80	RCMP/W175/MTA80/3	45.300	●	10
W175		Ø 10	Ø 3	GFA120	RCMP/W175/GFA120/3	45.300	●	10
W175		Ø 10	Ø 6	MTA80	RCMP/W175/MTA80	45.300	●	10

REINFORCED COTTON



● = available from stock

● = available in 5 working days

● = on request



>>

REINFORCED COTTON

shape		diameter	spindle diameter	grit	code	max RPM*	stock	
W175		Ø 10	Ø 6	GFA120	RCMP/W175/GFA120	45.300	●	10
W177		Ø 10	Ø 6	MTA54	RCMP/W177/MTA54	45.300	●	10
W177		Ø 10	Ø 6	GFA80	RCMP/W177/GFA80	45.300	●	10
W177		Ø 10	Ø 6	MTA80	RCMP/W177/MTA80	45.300	●	10
W177		Ø 10	Ø 6	GFA120	RCMP/W177/GFA120	45.300	●	10
W178		Ø 10	Ø 6	GFA120	RCMP/W178/GFA120	45.300	●	10
W183		Ø 13	Ø 6	MTA80	RCMP/W183/MTA80	45.300	●	10
W183		Ø 13	Ø 6	GFA120	RCMP/W183/GFA120	45.300	●	10
W185		Ø 13	Ø 6	GFA80	RCMP/W185/GFA80	45.300	●	10
W185		Ø 13	Ø 6	MTA80	RCMP/W185/MTA80	45.300	●	10
W185		Ø 13	Ø 6	GFA120	RCMP/W185/GFA120	45.300	●	10
W186		Ø 13	Ø 6	MTA80	RCMP/W186/MTA80	45.300	●	10
W186		Ø 13	Ø 6	GFA120	RCMP/W186/GFA120	45.300	●	10
W220		Ø 25	Ø 6	GFA36	RCMP/W220/GFA36	34.500	●	10



* Max. RPM with a maximum free spindle length of 12 mm.



➤ Mounted points

UNITIZED

Applications:

- Finishing inside weld seams and workpieces with limited accessibility
- Removing weld discolourations
- Removing milling lines
- Improving surface roughness

To be mounted on:

- Straight grinders
- Driving motors with flexible shafts

shape		diameter	spindle diameter	grit	code	max RPM*	advised RPM	stock	
A21		Ø 25	Ø 6	SA6	SAUSA21632	34.500	34.500	●	5
A21		Ø 25	Ø 6	SA7	SAUSA21732	34.500	34.500	●	5
A21		Ø 25	Ø 6	SA8	SAUSA21821	34.500	34.500	●	5
A25		Ø 25	Ø 6	SA7	SAUSA25732	35.600	35.600	●	5
A25		Ø 25	Ø 6	SA8	SAUSA25821	35.600	35.600	●	5
B121		Ø 13	Ø 3	SA7	SAUSB121731	45.300	45.300	●	5
B121		Ø 13	Ø 3	SA8	SAUSB121821	45.300	45.300	●	5
B52		Ø 10	Ø 3	SA7	SAUSB52732	45.300	45.300	●	5
B52		Ø 10	Ø 3	SA8	SAUSB52821	45.300	45.300	●	5
B90		Ø 13	Ø 3	SA7	SAUSB90732	34.500	34.500	●	5
B90		Ø 13	Ø 3	SA8	SAUSB90821	34.500	34.500	●	5
W160		Ø 6	Ø 3	SA8	SAUSW160821	81.300	81.300	●	5
W163		Ø 6	Ø 3	SA8	SAUSW163811	60.000	60.000	●	5
W163		Ø 6	Ø 3	SA8	SAUSW163821	60.000	60.000	●	5
W183		Ø 13	Ø 3	SA6	SAUSW183632	51.700	51.700	●	5
W183		Ø 13	Ø 3	SA7	SAUSW183731	51.700	51.700	●	5
W183		Ø 13	Ø 3	SA7	SAUSW183732	51.700	51.700	●	5
W183		Ø 13	Ø 3	SA8	SAUSW183821	51.700	51.700	●	5
W185		Ø 13	Ø 3	SA6	SAUSW185632	34.500	34.500	●	5
W185		Ø 13	Ø 3	SA7	SAUSW185732	34.500	34.500	●	5
W185		Ø 13	Ø 3	SA8	SAUSW185821	34.500	34.500	●	5
W220		Ø 25	Ø 6	SA7	SAUSW220732	25.000	25.000	●	5
W220		Ø 25	Ø 6	SA8	SAUSW220821	25.000	25.000	●	5

UNITIZED



* Max. RPM with a maximum free spindle length of 12 mm.

● = available from stock

● = available in 5 working days

● = on request

> Mounted points

UNITIZED - REBEL ONE



UNITIZED - REBEL ONE

- Applications:**
- Finishing inside weld seams and workpieces with limited accessibility
 - Removing weld discolourations
 - Removing milling lines
 - Improving surface roughness
- To be mounted on:**
- Straight grinders
 - Driving motors with flexible shafts

shape		diameter	spindle diameter	grit	code	max RPM*	advised RPM	stock	
B52		Ø 10	Ø 3	Z7	TAUSB52Z7	45.300	45.300	●	5
B90		Ø 13	Ø 3	Z7	TAUSB90Z7	34.500	34.500	●	5
W163		Ø 6	Ø 3	Z7	TAUSW163Z7	60.000	60.000	●	5
W185		Ø 13	Ø 3	Z7	TAUSW185Z7	34.500	34.500	●	5



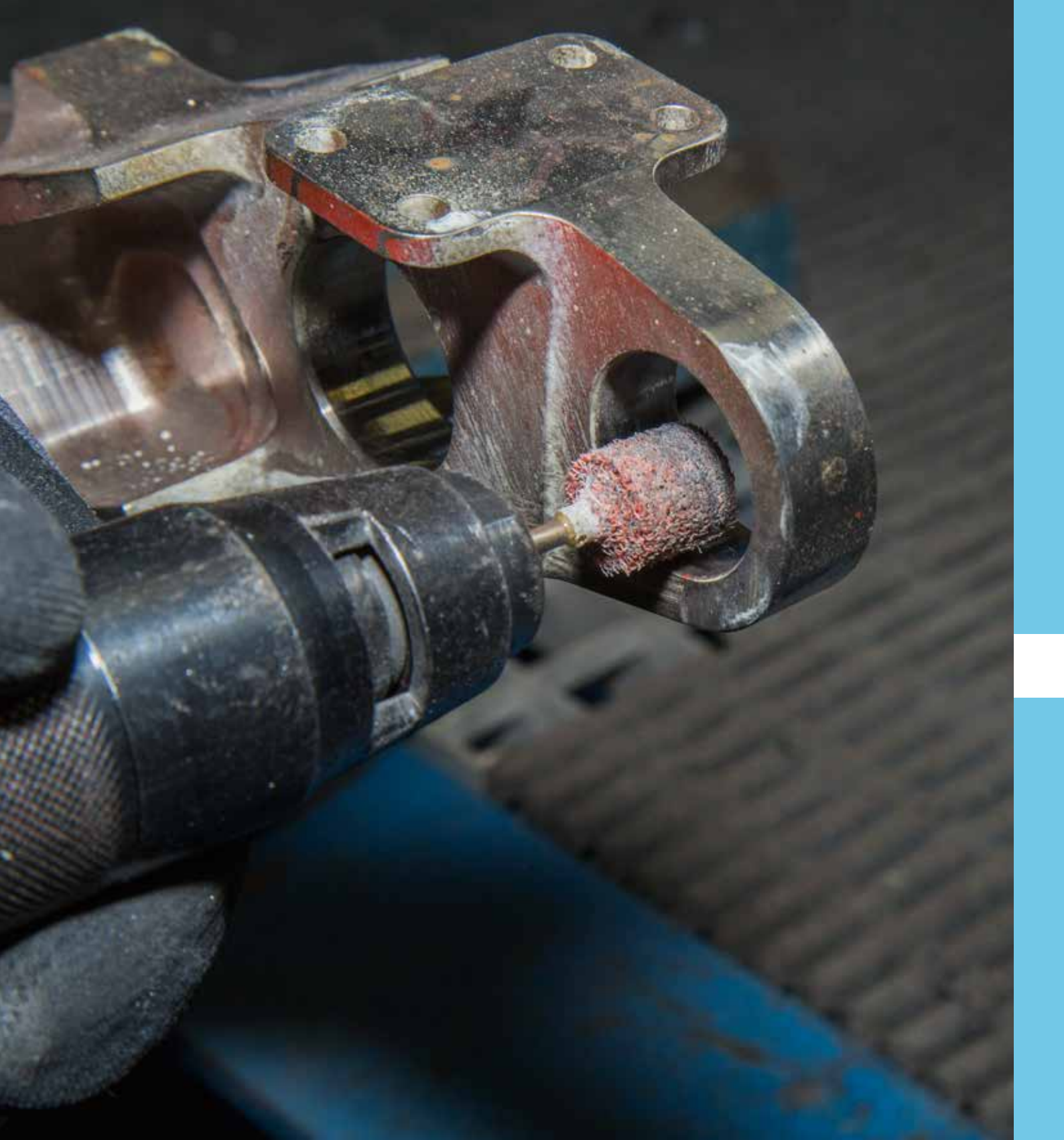
* Max. RPM with a maximum free spindle length of 12 mm.



For other references, please contact Cibo.
Mounted felt points are discussed in the chapter on polishing materials on p. 386



Amongst the family of unitised grinding points, the Rebel One points have the highest grinding capacity and the best resistance to wear.



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POLISHING MATERIALS

