

Cutting and Grinding Discs

176 Structure and Components

177 Technical Information

178 Safety

179 Labelling

181 Cutting discs

193 Grinding discs

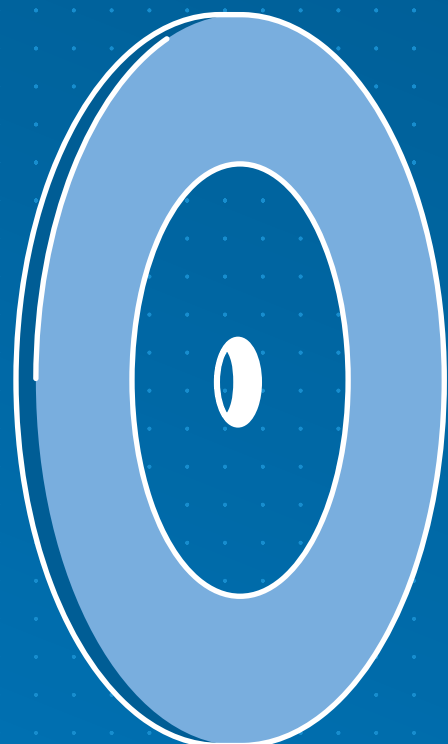
201 Grinding cup wheels

205 Diamondtools



Product line marking

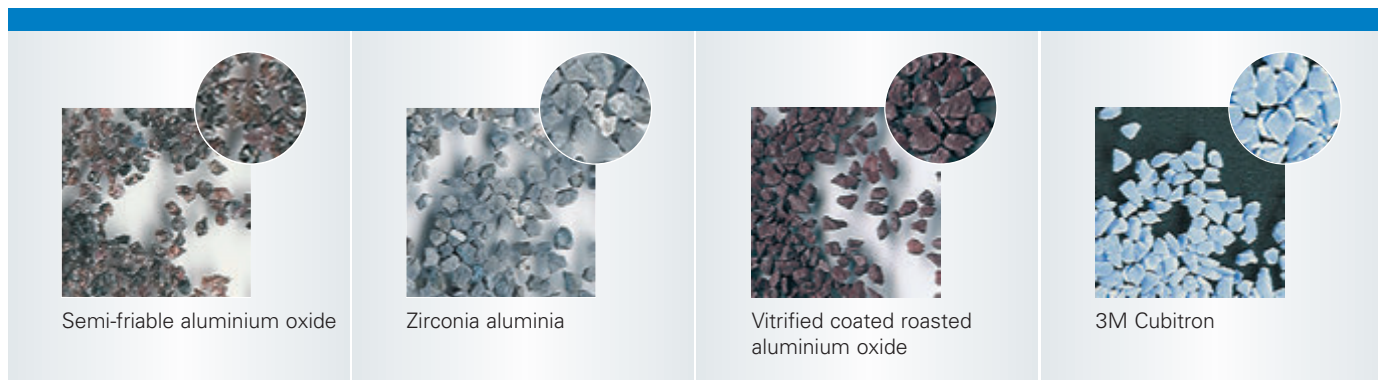
Product lines are labelled in the table header with the appropriate tabs. Further information on page **14** and **15**.



Structure and Components



Abrasives



Technical Information

Durability

Resin bonded grinding and cutting wheels for freehand applications must be depleted within three years of manufacture.

Please see metal ring for the expiry date which is specified by month and year; for instance V07/2016.



Labelling system for resin bonded grinding wheels

Example:



Abrasive Type	Grit			Hardness Grade			Bond
	coarse	medium	fine	soft	medium	hard	
A - aluminium oxide	12	36	60	M	R	U	BA – resin bond
C - silicon carbide	up to	up to	up to	Q	S	V	BF – resin bond, fibre-reinforced
Z - zirconia alumina	24	54	120	P	T	X	

Operating speeds

LUKAS- grinding wheels and discs of the brand ROTTLUFF are developed and tested for particular working speeds and grinding processes.

Prior to the mounted of the grinding tool on the machine, it must be ensured that the machine's nominal speed (as specified on nameplate) does not exceed the maximum operating speed indicated on the grinding wheel or disc.



Maximum operating speed	Diameter of Disc [mm]/RPM [min ⁻¹]									
	100	115	125	150	180	230	300	350	400	
80 m/s	15.300	13.300	12.200	10.200	8.500	6.600	5.100	4.400	3.850	
100 m/s	19.100	16.650	16.600	12.700	10.600	8.300	6.400	5.500	4.800	

Safety

With regards to occupational safety and operational convenience, LUKAS responsibility to the customer is taken very seriously. Our products are designed, manufactured and produced in accordance with the most stringent quality standards to provide a maximum of customer value at minimum risk. We are a member of both, the German Abrasive Association (VDS) and the Organisation for the Safety of Abrasives (oSa) and thus actively contribute to users' health and safety.

Applied standards:

- Safety Requirements for Bonded Abrasives Products: EN12413
- Safety Requirements for Diamond Blades: EN 13236

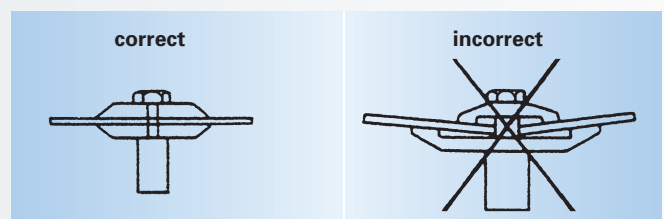


Safety recommendations

- Don't handle wheels roughly.
- Don't use non-reinforced cut-off wheels on portable machines.
- Don't store wheels in a damp atmosphere or in extreme temperatures.
- Don't mount a damaged wheel.
- Don't ever exceed the maximum operating speed marked on the wheel.
- Don't force a wheel onto a machine spindle.
- Don't use mounting flanges which are incorrect, damaged, dirty or burred.
- Don't tighten the mounting nut or locking flange excessively. To do so can distort the flanges and discs.
- Don't use a machine without a wheel guard.
- Don't use wheels without proper ventilation or dust protection equipment.
- Don't apply side pressure to cut-off wheels. You should not bend the wheel.
- Don't stop the wheel by applying pressure to the periphery or face. Always switch the machine off and allow the wheel to stop revolving.
- Don't allow the wheel to be trapped or pinched in the cut.
- Don't apply excessive pressure onto the wheel so that the driving motor slows down.
- Don't drop or lower a portable machine by the cable or airline onto the floor. A wheel can be easily cracked, if it is put down hard, by the weight of the machine. This is a common cause of wheel breakage.
- Don't grind with a depressed centre grinding wheel at an angle below 30 degrees to the work piece.
- Don't use a machine in a position where you do not have full control of the machine and you are not well balanced.

Clamping System

The use of flanges with unequal diameters is not allowed. Both flanges between which the bonded abrasive is mounted must have the same outer diameter and similar contact areas (according to EN60745-2-3:2007 and ANSI B.7.1).



Rottluff-Labeling

Safety standard:

EAN Code: 4 018177 628657

QR Code

Safety and operation Instructions

Application: INOX/Stahl, Stainless/Steel, INOX/Acier, INOX/Acero

EN 12413

max. operating speed: 80 m/s, max. 12.200 rpm

max. rpm

Dimensions: 125 x 1,0 x 22,23 · 5" x 3/64" x 7/8"

A60T-BF INOX T41

Made in Germany

60 = Grit size (16/very coarse, 36/medium, 60/fine)

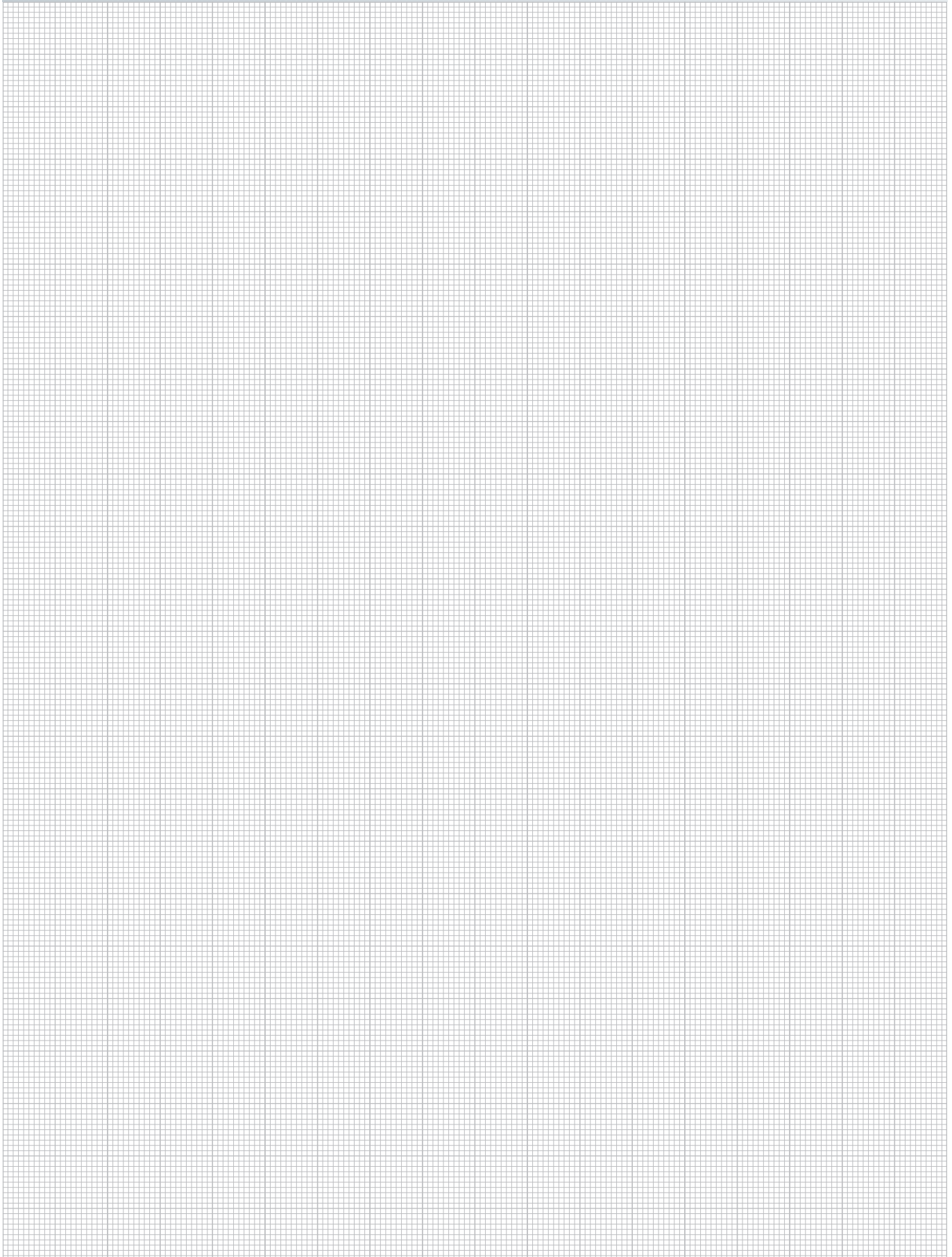
BF = resin bond, fibre-reinforced

125 x 1,0 x 22,23 = D x U x H
 5 x 3/64" x 7/8" = D x U x H
 Diameter x thickness x bore size

Types of resin-bonded grinding wheels

<p> Cutting discs U = (0,8 mm–4,5 mm) (USA: Typ 1) </p> <p> T 41 Straight cutting discs. <ul style="list-style-type: none"> Available in diameters from 50 (2") to 230 mm (9") for freehand applications, from 300 mm (12") to 500 mm (20") for use in stationary machines </p>	<p> Cutting discs U = (0,8 mm–4,5 mm) (USA: Typ 27) </p> <p> T 42 Depressed centre cutting discs. <ul style="list-style-type: none"> Available in diameters from 50 (2") to 230 mm (9"), allowed for freehand use. </p>	<p> Grinding wheels U = (4 mm–10 mm) (USA: Typ 27) </p> <p> T 27 Depressed centre grinding wheels. <ul style="list-style-type: none"> Available in diameters from 76 (3") to 230 mm (9"), allowed for freehand use. </p>	<p> Grinding wheels U = (6 mm–8 mm) (USA: Typ 28) </p> <p> T 28 Depressed centre grinding wheels. <ul style="list-style-type: none"> Available in diameters from 76 (3") to 230 mm (9"), allowed for freehand use. </p>
--	---	--	---

Notes

A large rectangular area filled with a fine grid pattern, intended for taking notes. The grid lines are light gray and form a consistent pattern across the entire page.

Cutting discs

- 182** Qualities and areas of application

- 184** Free-hand cutting disc for angle grinders

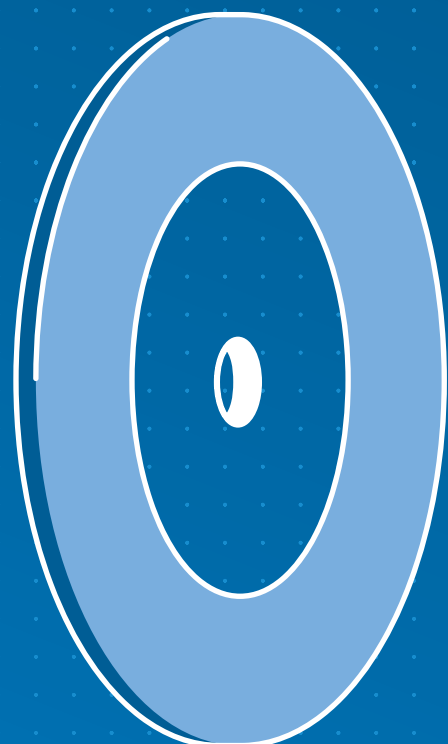
- 190** Large cutting disc (greater than 230 mm)

- 192** Small cutting disc (less than 100 mm)

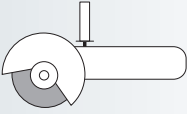











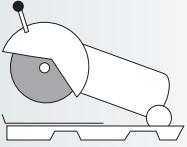




Product line marking

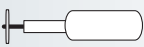

Product lines are labelled in the table header with the appropriate tabs. Further information on page **14** and **15**.



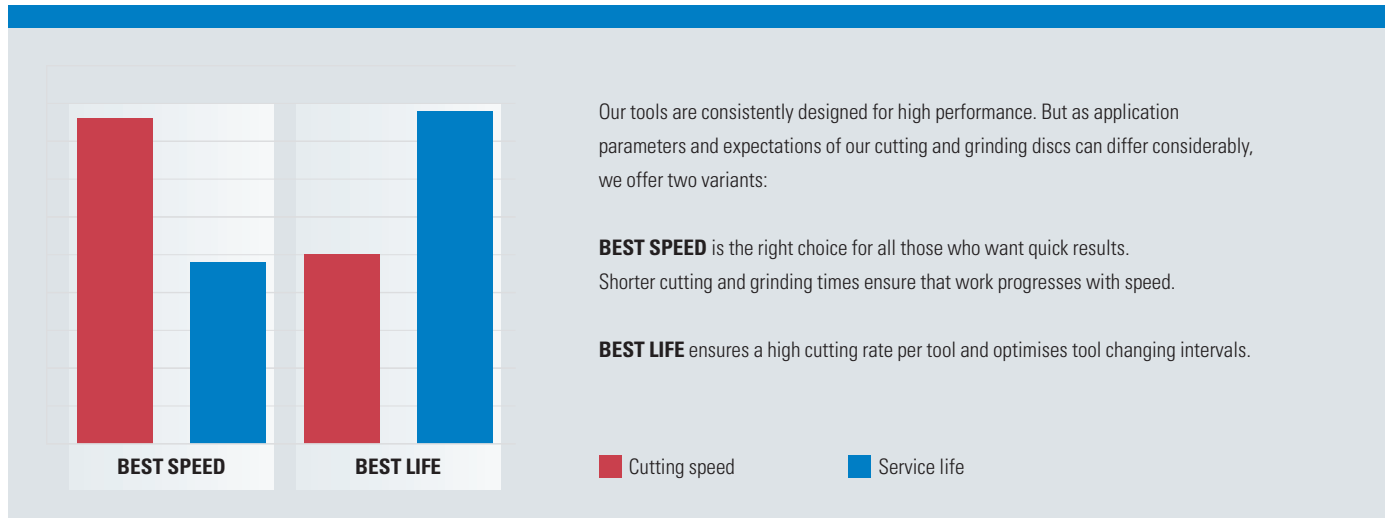
Cutting discs

Type	Product line	Material			
		INOX/Steel	Steel	Aluminium	Stone/Cast material
Free-hand cutting disc for angle grinders (100 mm–230 mm) 	High Performance				
	High Performance	Page 184 	Page 186 	Page 188 	Page 189 
	Industry				
	Industry	Page 185 	Page 187 		Page 189 
	Base				
Base	Page 185 	Page 188 			

Type	Product line	Material			
		INOX/Steel	Steel	Aluminium	Stone/Cast material
Large cutting disc (greater than 230 mm) 	High Performance				
	High Performance				Page 192 
	Industry				
Industry	Page 190 	Page 190 		Page 191 	

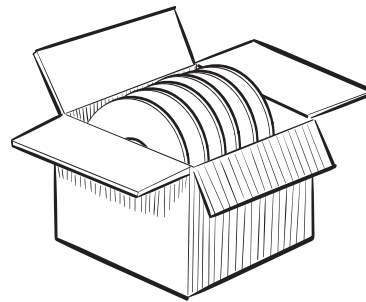
Type	Product line	Material			
		INOX/Steel	Steel	Aluminium	Stone/Cast material
Small cutting disc (less than 100 mm) 	Industry				
	Industry	Page 192 			

BEST SPEED and BEST LIFE – it's your choice!



Packing units

Diameter (mm)	Disc width (mm)	Packing units
50–76	all	100 pieces
100–125	< 2	50 pieces (BASE-X 100 pieces)
	≥ 2	25 pieces
150–300	all	25 pieces
300–350	all	10 pieces
400	all	5 pieces




LUKAS

Always the right tool

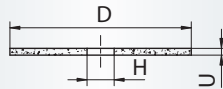
Cutting and grinding discs „Premiumflex“:
Please convince yourself of our premium tools with an excellent price-performance ratio!

Tobias Tröbs
Sales Department

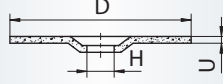
www.lukas-erzett.com

Cutting discs for stainless steel – PROMAX

Ordering example: AT003000



T41



T42

Packing unit:

see page 183

T41 = flat

T42 = depressed centre

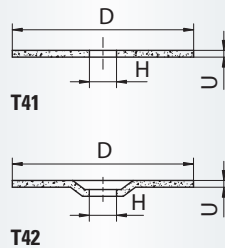
Iron, sulphur and chlorine < 0,1%

v_{max.}: 80 m/s

	Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW	T41 PROMAX	A60X-BF INOX	BEST LIFE	100	1,0	16,00	15.300	AT003000	1 2 3 4 5 6 7	■
NEW	T41 PROMAX	A60T-BF INOX	BEST SPEED	100	1,0	16,00	15.300	AT001634	1 2 3 4 5 6 7	■
NEW	T42 PROMAX	A60X-BF INOX	BEST LIFE	115	0,8	22,23	13.300	AT005301	1 2 3 4 5 6 7	■
	T42 PROMAX	A60T-BF INOX	BEST SPEED	115	0,8	22,23	13.300	AT004266	1 2 3 4 5 6 7	■
	T41 PROMAX	A60X-BF INOX	BEST LIFE	115	1,0	22,23	13.300	AT005841	1 2 3 4 5 6 7	■
NEW	T41 PROMAX	A60T-BF INOX	BEST SPEED	115	1,0	22,23	13.300	AT001655	1 2 3 4 5 6 7	■
NEW	T41 PROMAX	A46X-BF INOX	BEST LIFE	115	1,6	22,23	13.300	AT003346	1 2 3 4 5 6 7	■
	T42 PROMAX	A60X-BF INOX	BEST LIFE	125	0,8	22,23	12.200	AT005302	1 2 3 4 5 6 7	■
NEW	T42 PROMAX	A60T-BF INOX	BEST SPEED	125	0,8	22,23	12.200	AT005287	1 2 3 4 5 6 7	■
	T41 PROMAX	A60X-BF INOX	BEST LIFE	125	1,0	22,23	12.200	AT005842	1 2 3 4 5 6 7	■
NEW	T41 PROMAX	A60T-BF INOX	BEST SPEED	125	1,0	22,23	12.200	AT001685	1 2 3 4 5 6 7	■
	T41 PROMAX	A46X-BF INOX	BEST LIFE	125	1,6	22,23	12.200	AT003348	1 2 3 4 5 6 7	■
	T41 PROMAX	A36U-BF INOX	BEST LIFE	125	2,0	22,23	12.200	AT001687	1 2 3 4 5 6 7	■
	T42 PROMAX	A30U-BF INOX	BEST LIFE	125	2,5	22,23	12.200	AT001696	1 2 3 4 5 6 7	■
NEW	T41 PROMAX	A46X-BF INOX	BEST LIFE	150	1,6	22,23	10.200	AT003327	1 2 3 4 5 6 7	■
NEW	T42 PROMAX	A46X-BF INOX	BEST LIFE	180	1,6	22,23	8.500	AT005571	1 2 3 4 5 6 7	■
	T41 PROMAX	A36U-BF INOX	BEST LIFE	180	2,0	22,23	8.500	AT001743	1 2 3 4 5 6 7	■
	T41 PROMAX	A46X-BF INOX	BEST LIFE	230	1,9	22,23	6.600	AT005864	1 2 3 4 5 6 7	■
NEW	T42 PROMAX	A46X-BF INOX	BEST LIFE	230	1,9	22,23	6.600	AT005877	1 2 3 4 5 6 7	■
	T41 PROMAX	A36U-BF INOX	BEST LIFE	230	2,0	22,23	6.600	AT001782	1 2 3 4 5 6 7	■
NEW	T41 PROMAX	A30U-BF INOX	BEST LIFE	230	2,5	22,23	6.600	AT001786	1 2 3 4 5 6 7	■
NEW	T42 PROMAX	A30U-BF INOX	BEST LIFE	230	2,5	22,23	6.600	AT001791	1 2 3 4 5 6 7	■

Cutting discs for stainless steel – PREMIUMFLEX

Ordering example: AT003108



Packing unit:

see page 183

T41 = flat

T42 = depressed centre

Iron, sulphur and chlorine < 0,1%

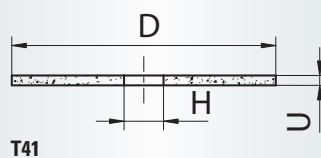
v_{max.}: 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
T41 PREMIUMFLEX	A60S-BF INOX	BEST LIFE	100	1,0	16,00	15.300	AT003108	1 2 3 4 5 6 7	■
T41 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	100	1,6	16,00	15.300	AT000630	1 2 3 4 5 6 7	■
T41 PREMIUMFLEX	A60S-BF INOX	BEST LIFE	115	1,0	22,23	13.300	AT004643	1 2 3 4 5 6 7	■
T41 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	115	1,2	22,23	13.300	AT000643	1 2 3 4 5 6 7	■ NEW
T41 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	115	1,6	22,23	13.300	AT000647	1 2 3 4 5 6 7	■
T42 PREMIUMFLEX	A46P-BF INOX	BEST SPEED	115	1,6	22,23	13.300	AT003461	1 2 3 4 5 6 7	■ NEW
T41 PREMIUMFLEX	A60S-BF INOX	BEST LIFE	125	1,0	22,23	12.200	AT002672	1 2 3 4 5 6 7	■
T41 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	125	1,2	22,23	12.200	AT000670	1 2 3 4 5 6 7	■ NEW
T41 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	125	1,6	22,23	12.200	AT000674	1 2 3 4 5 6 7	■
T41 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	125	2,5	22,23	12.200	AT004154	1 2 3 4 5 6 7	■
T42 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	125	3,0	22,23	12.200	AT010154	1 2 3 4 5 6 7	■ NEW
T41 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	150	1,6	22,23	10.200	AT000700	1 2 3 4 5 6 7	■ NEW
T41 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	180	1,6	22,23	8.500	AT000716	1 2 3 4 5 6 7	■
T42 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	180	1,6	22,23	8.500	AT000718	1 2 3 4 5 6 7	■ NEW
T41 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	180	2,5	22,23	8.500	AT003723	1 2 3 4 5 6 7	■ NEW
T42 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	180	2,5	22,23	8.500	AT005450	1 2 3 4 5 6 7	■ NEW
T42 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	180	3,0	22,23	8.500	AT003163	1 2 3 4 5 6 7	■
T41 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	230	1,9	22,23	6.600	AT000742	1 2 3 4 5 6 7	■ NEW
T42 PREMIUMFLEX	A46T-BF INOX	BEST LIFE	230	1,9	22,23	6.600	AT000744	1 2 3 4 5 6 7	■ NEW
T42 PREMIUMFLEX	A46P-BF INOX	BEST SPEED	230	1,9	22,23	6.600	AT003475	1 2 3 4 5 6 7	■ NEW
T41 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	230	2,5	22,23	6.600	AT003568	1 2 3 4 5 6 7	■
T42 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	230	3,0	22,23	6.600	AT004168	1 2 3 4 5 6 7	■



Cutting discs for stainless steel – BASE-X

Ordering example: A3890101150122002



Packing unit:

see page 183

T41 = flat

T42 = depressed centre

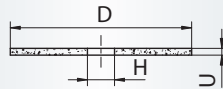
Iron, sulphur and chlorine < 0,1%

v_{max.}: 80 m/s

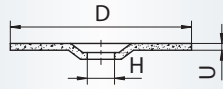
Description	Quality	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
T41 BASE-X	A60T-BF INOX	115	1,0	22,23	13.300	A3890101150122002	1 2 3 4 5 6 7	■ NEW
T41 BASE-X	A60T-BF INOX	125	1,0	22,23	12.200	A3890101250122002	1 2 3 4 5 6 7	■ NEW
T41 BASE-X	A46T-BF INOX	230	1,8	22,23	6.600	A3890102300122002	1 2 3 4 5 6 7	■ NEW

Cutting discs for metal – PROMAX

Ordering example: AT000556



T41



T42

Packing unit:

see page 183

T41 = flat

T42 = depressed centre

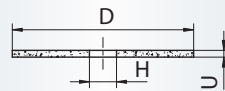
Iron, sulphur and chlorine < 0,1%

v_{max.}: 80 m/s

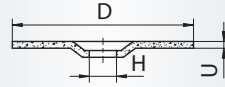
	Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW	T41 PROMAX	A36U-BF	BEST SPEED	100	2,0	16,00	15.300	AT000556	1 2 3 5	■
	T41 PROMAX	A60X-BF	BEST LIFE	115	1,0	22,23	13.300	AT005840	1 2 3 5	■
NEW	T41 PROMAX	A46X-BF	BEST LIFE	115	1,6	22,23	13.300	AT013301	1 2 3 5	■
	T41 PROMAX	A36U-BF	BEST SPEED	115	2,0	22,23	13.300	AT001656	1 2 3 5	■
	T42 PROMAX	A30U-BF	BEST SPEED	115	2,5	22,23	13.300	AT001665	1 2 3 5	■
	T41 PROMAX	A60X-BF	BEST LIFE	125	1,0	22,23	12.200	AT005835	1 2 3 5	■
	T41 PROMAX	A36U-BF	BEST SPEED	125	2,0	22,23	12.200	AT001686	1 2 3 5	■
NEW	T41 PROMAX	A30X-BF	BEST LIFE	125	2,5	22,23	12.200	AT011086	1 2 3 5	■
NEW	T41 PROMAX	A30U-BF	BEST SPEED	125	2,5	22,23	12.200	AT001690	1 2 3 5	■
	T42 PROMAX	A30U-BF	BEST SPEED	125	2,5	22,23	12.200	AT001695	1 2 3 5	■
	T41 PROMAX	A46X-BF	BEST LIFE	125	1,6	22,23	12.200	AT013302	1 2 3 5	■
	T41 PROMAX	A46X-BF	BEST LIFE	150	1,6	22,23	10.200	AT013303	1 2 3 5	■
NEW	T41 PROMAX	A36U-BF	BEST SPEED	150	2,0	22,23	10.200	AT001717	1 2 3 5	■
NEW	T41 PROMAX	A30U-BF	BEST SPEED	150	2,5	22,23	10.200	AT001720	1 2 3 5	■
	T42 PROMAX	A30U-BF	BEST SPEED	150	2,5	22,23	10.200	AT001724	1 2 3 5	■
	T41 PROMAX	A36U-BF	BEST SPEED	180	2,0	22,23	8.500	AT001742	1 2 3 5	■
NEW	T42 PROMAX	A36U-BF	BEST SPEED	180	2,0	22,23	8.500	AT001744	1 2 3 5	■
NEW	T41 PROMAX	A30U-BF	BEST SPEED	180	2,0	22,23	8.500	AT001746	1 2 3 5	■
NEW	T42 PROMAX	A30U-BF	BEST SPEED	180	2,5	22,23	8.500	AT001750	1 2 3 5	■
	T41 PROMAX	A46X-BF	BEST LIFE	230	1,9	22,23	6.600	AT005867	1 2 3 5	■
	T41 PROMAX	A36U-BF	BEST SPEED	230	2,0	22,23	6.600	AT001781	1 2 3 5	■
NEW	T41 PROMAX	A30U-BF	BEST SPEED	230	2,5	22,23	6.600	AT001785	1 2 3 5	■
	T42 PROMAX	A30U-BF	BEST SPEED	230	2,5	22,23	6.600	AT001790	1 2 3 5	■
NEW	T42 PROMAX	A30U-BF	BEST SPEED	230	3,2	22,23	6.600	AT001802	1 2 3 5	■

Cutting discs for metal – PREMIUMFLEX

Ordering example: AT000636



T41



T42

Packing unit:

see page 183

T41 = flat

T42 = depressed centre

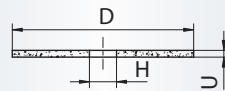
Iron, sulphur and chlorine < 0,1%

v_{max.}: 80 m/s

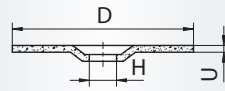
Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for									
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	100	3,0	16,00	15.300	AT000636	1	2	3	5					■	NEW
T42 PREMIUMFLEX	A24R-BF	BEST LIFE	100	3,0	16,00	15.300	AT000638	1	2	3	5					■	
T41 PREMIUMFLEX	A60S-BF	BEST LIFE	115	1,0	22,23	13.300	AT006440	1	2	3	5					■	
T41 PREMIUMFLEX	A46T-BF	BEST LIFE	115	1,2	22,23	13.300	AT000644	1	2	3	5					■	NEW
T41 PREMIUMFLEX	A46T-BF	BEST LIFE	115	1,6	22,23	13.300	AT000648	1	2	3	5					■	
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	115	2,5	22,23	13.300	AT000656	1	2	3	5					■	NEW
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	115	3,0	22,23	13.300	AT000660	1	2	3	5					■	
T42 PREMIUMFLEX	A24R-BF	BEST LIFE	115	3,0	22,23	13.300	AT000662	1	2	3	5					■	
T41 PREMIUMFLEX	A24P-BF	BEST SPEED	115	3,0	22,23	13.300	AT005161	1	2	3	5					■	NEW
T42 PREMIUMFLEX	A24P-BF	BEST SPEED	115	3,0	22,23	13.300	AT005162	1	2	3	5					■	NEW
T41 PREMIUMFLEX	A60S-BF	BEST LIFE	125	1,0	22,23	12.200	AT006710	1	2	3	5					■	
T41 PREMIUMFLEX	A46T-BF	BEST LIFE	125	1,2	22,23	12.200	AT000671	1	2	3	5					■	NEW
T41 PREMIUMFLEX	A46T-BF	BEST LIFE	125	1,6	22,23	12.200	AT000675	1	2	3	5					■	
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	125	2,5	22,23	12.200	AT000679	1	2	3	5					■	NEW
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	125	3,0	22,23	12.200	AT000686	1	2	3	5					■	
T42 PREMIUMFLEX	A24P-BF	BEST SPEED	125	3,0	22,23	12.200	AT005164	1	2	3	5					■	NEW
T42 PREMIUMFLEX	A24R-BF	BEST LIFE	125	3,0	22,23	12.200	AT000688	1	2	3	5					■	
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	150	3,0	22,23	10.200	AT000707	1	2	3	5					■	NEW
T41 PREMIUMFLEX	A46T-BF	BEST LIFE	180	1,6	22,23	8.500	AT000717	1	2	3	5					■	
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	180	3,0	22,23	8.500	AT000728	1	2	3	5					■	
T42 PREMIUMFLEX	A24P-BF	BEST SPEED	180	3,0	22,23	8.500	AT001239	1	2	3	5					■	NEW
T42 PREMIUMFLEX	A24R-BF	BEST LIFE	180	3,0	22,23	8.500	AT000732	1	2	3	5					■	
T41 PREMIUMFLEX	A46T-BF	BEST LIFE	230	1,9	22,23	6.600	AT000743	1	2	3	5					■	
T42 PREMIUMFLEX	A46T-BF	BEST LIFE	230	1,9	22,23	6.600	AT000745	1	2	3	5					■	
T41 PREMIUMFLEX	A36T-BF	BEST LIFE	230	2,0	22,23	6.600	AT000967	1	2	3	5					■	NEW
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	230	2,5	22,23	6.600	AT000861	1	2	3	5					■	NEW
T42 PREMIUMFLEX	A24R-BF	BEST LIFE	230	2,5	22,23	6.600	AT004063	1	2	3	5					■	NEW
T41 PREMIUMFLEX	A24R-BF	BEST LIFE	230	3,0	22,23	6.600	AT000750	1	2	3	5					■	
T41 PREMIUMFLEX	A24P-BF	BEST SPEED	230	3,0	22,23	6.600	AT005165	1	2	3	5					■	NEW
T42 PREMIUMFLEX	A24R-BF	BEST LIFE	230	3,0	22,23	6.600	AT000754	1	2	3	5					■	
T42 PREMIUMFLEX	A24P-BF	BEST SPEED	230	3,0	22,23	6.600	AT005166	1	2	3	5					■	NEW

Cutting discs for metal – BASE-X

Ordering example: A3890101150122001



T41



T42

Packing unit:

see page 183

T41 = flat

T42 = depressed centre

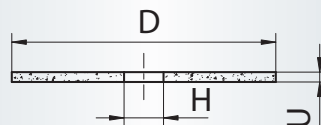
Iron, sulphur and chlorine < 0,1%

v_{max.}: 80 m/s

	Description	Quality	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW	T41 BASE-X	A60T-BF	115	1,0	22,23	13.300	A3890101150122001	① ② ③ ⑤	■
NEW	T41 BASE-X	A30R-BF	115	3,0	22,23	13.300	A3890101150322002	① ② ③ ⑤	■
NEW	T42 BASE-X	A30R-BF	115	3,0	22,23	13.300	A3890101150322001	① ② ③ ⑤	■
NEW	T41 BASE-X	A60T-BF	125	1,0	22,23	12.200	A3890101250122001	① ② ③ ⑤	■
NEW	T41 BASE-X	A30R-BF	125	3,0	22,23	12.200	A3890101250322002	① ② ③ ⑤	■
NEW	T42 BASE-X	A30R-BF	125	3,0	22,23	12.200	A3890101250322001	① ② ③ ⑤	■
NEW	T41 BASE-X	A30R-BF	180	3,0	22,23	8.500	A3890101800322002	① ② ③ ⑤	■
NEW	T42 BASE-X	A30R-BF	180	3,0	22,23	8.500	A3890101800322001	① ② ③ ⑤	■
NEW	T41 BASE-X	A30R-BF	230	3,0	22,23	6.600	A3890102300322002	① ② ③ ⑤	■
NEW	T42 BASE-X	A30R-BF	230	3,0	22,23	6.600	A3890102300322001	① ② ③ ⑤	■

Cutting discs for non-ferrous metals – PROMAX

Ordering example: AT000920



T41

Packing unit:

see page 183

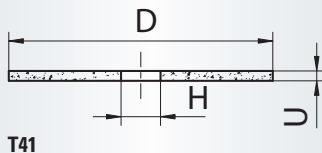
T41 = flat

T42 = depressed centre

Iron, sulphur and chlorine < 0,1%

v_{max.}: 80 m/s

	Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
	T41 PROMAX	A60N-BF ALU	BEST LIFE	115	1,0	22,23	13.300	AT000920	① ② ③ ④ ⑤ ⑥ ⑦	■
	T41 PROMAX	A46N-BF ALU	BEST LIFE	115	1,6	22,23	13.300	AT004776	① ② ③ ④ ⑤ ⑥ ⑦	■
NEW	T41 PROMAX	A36N-BF ALU	BEST LIFE	115	2,5	22,23	13.300	AT001664	① ② ③ ④ ⑤ ⑥ ⑦	■
	T41 PROMAX	A60N-BF ALU	BEST LIFE	125	1,0	22,23	12.200	AT000950	① ② ③ ④ ⑤ ⑥ ⑦	■
	T41 PROMAX	A46N-BF ALU	BEST LIFE	125	1,6	22,23	12.200	AT004788	① ② ③ ④ ⑤ ⑥ ⑦	■
	T41 PROMAX	A36N-BF ALU	BEST LIFE	125	2,5	22,23	12.200	AT001694	① ② ③ ④ ⑤ ⑥ ⑦	■
	T41 PROMAX	A46N-BF ALU	BEST LIFE	150	1,6	22,23	10.200	AT001000	① ② ③ ④ ⑤ ⑥ ⑦	■
	T41 PROMAX	A46N-BF ALU	BEST LIFE	180	1,6	22,23	8.500	AT000985	① ② ③ ④ ⑤ ⑥ ⑦	■
NEW	T41 PROMAX	A46N-BF ALU	BEST LIFE	230	1,9	22,23	6.600	AT002613	① ② ③ ④ ⑤ ⑥ ⑦	■
NEW	T41 PROMAX	A36N-BF ALU	BEST LIFE	230	2,5	22,23	6.600	AT001789	① ② ③ ④ ⑤ ⑥ ⑦	■
	T41 PROMAX	A36N-BF ALU	BEST LIFE	230	3,0	22,23	6.600	AT003459	① ② ③ ④ ⑤ ⑥ ⑦	■

Stationary cutting discs for stainless steel – PREMIUMFLEX
Ordering example: AT010003

Packing unit:

see page 183

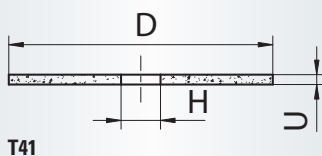
T41 = flat

T42 = depressed centre

Iron, sulphur and chlorine < 0,1%

 $v_{max.}: 80 \text{ m/s}$

	Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW	T41 PREMIUMFLEX	A30S-BF INOX	BEST LIFE	300	3,5	32,00	5.100	AT010003	1 2 3 4 5 6 7	■
NEW	T41 PREMIUMFLEX	A36S-BF INOX	BEST LIFE	350	2,6	25,40	4.400	AT020208	1 2 3 4 5 6 7	■
NEW	T41 PREMIUMFLEX	A30S-BF INOX	BEST LIFE	350	3,5	32,00	4.400	AT010011	1 2 3 4 5 6 7	■
NEW	T41 PREMIUMFLEX	A30S-BF INOX	BEST LIFE	400	4,0	25,40	3.800	AT010014	1 2 3 4 5 6 7	■
NEW	T41 PREMIUMFLEX	A30S-BF INOX	BEST LIFE	400	4,0	32,00	3.800	AT010015	1 2 3 4 5 6 7	■
NEW	T41 PREMIUMFLEX	A30S-BF INOX	BEST LIFE	400	4,0	40,00	3.800	AT010016	1 2 3 4 5 6 7	■

Cutting discs for metal – PREMIUMFLEX
Ordering example: AT010052

Packing unit:

see page 183

T41 = flat

T42 = depressed centre

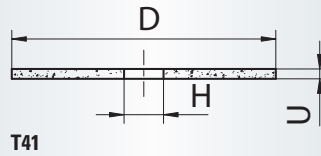
Iron, sulphur and chlorine < 0,1%

 $v_{max.}: 100 \text{ m/s}$

	Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW	T41 PREMIUMFLEX	A24R-BF	BEST LIFE	300	4,0	20,00	6.400	AT010052	1 2 3 5	■
NEW	T41 PREMIUMFLEX	A24R-BF	BEST LIFE	350	4,0	20,00	5.400	AT010055	1 2 3 5	■
NEW	T41 PREMIUMFLEX	A24R-BF	BEST LIFE	350	4,0	25,40	5.400	AT010057	1 2 3 5	■
NEW	T41 PREMIUMFLEX	A24R-BF	BEST LIFE	400	4,5	22,23	4.700	AT002844	1 2 3 5	■

Stationary cutting discs for metal – PREMIUMFLEX

Ordering example: AT010028

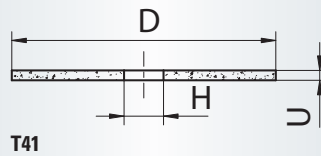


Packing unit:
see page 183
T41 = flat
T42 = depressed centre
Iron, sulphur and chlorine < 0,1%
v_{max.}: 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for		NEW
T41 PREMIUMFLEX	A36S-BF	BEST LIFE	300	2,6	25,40	5.100	AT010028	1 2 3 5		NEW
T41 PREMIUMFLEX	A30T-BF	BEST LIFE	300	3,5	22,23	6.400	AT001774	1 2 3 5		NEW
T41 PREMIUMFLEX	A30T-BF	BEST LIFE	300	3,5	25,40	6.400	AT001776	1 2 3 5		NEW
T41 PREMIUMFLEX	A30T-BF	BEST LIFE	300	3,5	32,00	6.400	AT010020	1 2 3 5		NEW
T41 PREMIUMFLEX	A36S-BF	BEST LIFE	350	2,6	25,40	4.400	AT010029	1 2 3 5		
T41 PREMIUMFLEX	A30T-BF	BEST LIFE	350	3,5	25,40	5.400	AT010022	1 2 3 5		NEW
T41 PREMIUMFLEX	A30T-BF	BEST LIFE	350	3,5	32,00	5.400	AT010023	1 2 3 5		NEW
T41 PREMIUMFLEX	A36S-BF	BEST LIFE	400	3,2	25,40	3.800	AT010030	1 2 3 5		NEW
T41 PREMIUMFLEX	A30T-BF	BEST LIFE	400	4,0	32,00	4.700	AT010026	1 2 3 5		NEW

Cutting discs for stone, concrete and cast iron – PREMIUMFLEX

Ordering example: AT010060

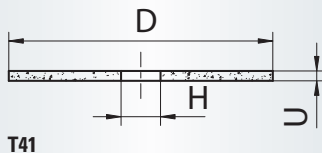


Packing unit:
see page 183
T41 = flat
T42 = depressed centre
Iron, sulphur and chlorine < 0,1%
v_{max.}: 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for		NEW
T41 PREMIUMFLEX	C24R-BF	BEST LIFE	300	4,0	25,40	6.400	AT010060	5 10 11 12		NEW
T41 PREMIUMFLEX	AC24R-BF	BEST LIFE	300	4,0	20,00	6.400	AT000788	5 10 11 12		NEW
T41 PREMIUMFLEX	C24R-BF	BEST LIFE	350	4,0	20,00	5.400	AT010061	5 10 11 12		NEW
T41 PREMIUMFLEX	AC24R-BF	BEST LIFE	350	4,0	20,00	5.400	AT000816	5 10 11 12		NEW

Stationary cutting discs for stone, concrete and cast iron – PROMAX

Ordering example: AT005828



T41

Packing unit:

see page 183

T41 = flat

T42 = depressed centre

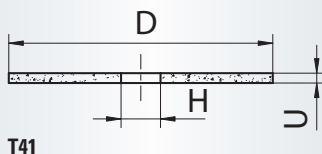
Iron, sulphur and chlorine < 0,1%

v_{max.}: 100 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for
T41 PROMAX	ZA300-BF	BEST LIFE	350	4,0	22,23	5.400	AT005828	1 2 5 10 11 12

Small cutting discs for stainless steel – PREMIUMFLEX

Ordering example: AT501006



T41

Packing unit:

see page 183

T41 = flat

T42 = depressed centre

Iron, sulphur and chlorine < 0,1%

v_{max.}: 100 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for
NEW T41 PREMIUMFLEX	A46S-BF INOX	BEST LIFE	50	1,0	6,00	30.500	AT501006	1 2 3 4 5 6 7
T41 PREMIUMFLEX	A46S-BF INOX	BEST LIFE	50	1,0	10,00	30.500	AT501010	1 2 3 4 5 6 7
NEW T41 PREMIUMFLEX	A46S-BF INOX	BEST LIFE	50	2,0	6,00	30.500	AT502006	1 2 3 4 5 6 7
T41 PREMIUMFLEX	A46S-BF INOX	BEST LIFE	76	1,0	10,00	20.100	AT761010	1 2 3 4 5 6 7
NEW T41 PREMIUMFLEX	A46S-BF INOX	BEST LIFE	76	2,0	6,00	20.100	AT762006	1 2 3 4 5 6 7
T41 PREMIUMFLEX	A46S-BF INOX	BEST LIFE	76	2,0	10,00	20.100	AT762010	1 2 3 4 5 6 7
NEW T41 PREMIUMFLEX	A46S-BF INOX	BEST LIFE	76	3,0	10,00	20.100	AT763010	1 2 3 4 5 6 7

Grinding discs

- 194** Qualities and areas of application

- 195** Free-hand grinding discs for angle grinders

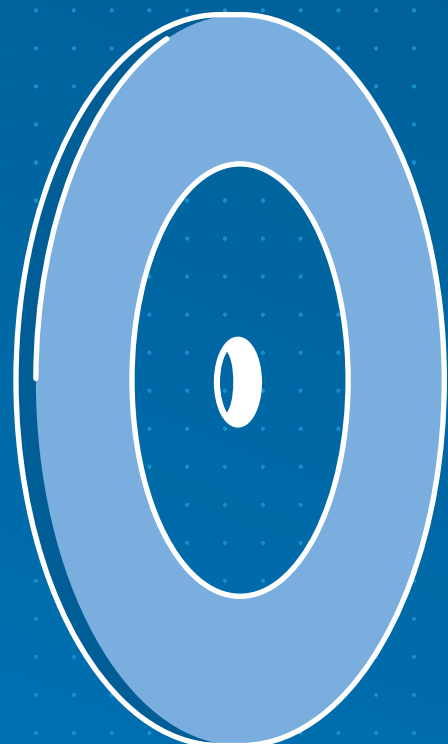
- 200** Small grinding discs

- 201** Cup Wheels

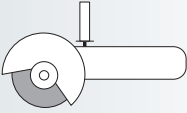











Product line marking

Product lines are labelled in the table header with the appropriate tabs. Further information on page **14** and **15**.

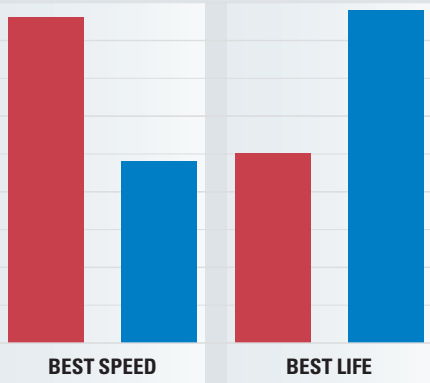


Grinding discs

Type	Product line	Material			
		INOX/Steel	Steel	Aluminium	Stone/Cast material
Free-hand grinding discs for angle grinders 	High Performance				
	High Performance	Page 195 	Page 197 	Page 199 	Page 199 
	Industry				
	Industry	Page 197 	Page 198 		Page 200 
	Base				
	Base		Page 198 		

Type	Product line	Material			
		INOX/Steel	Steel	Aluminium	Stone/Cast material
Small grinding discs 	Industry				
	Industry	Page 200 			

BEST SPEED and BEST LIFE – it's your choice!



The chart shows two groups of bars. The first group, labeled 'BEST SPEED', has a tall red bar (Cutting speed) and a shorter blue bar (Service life). The second group, labeled 'BEST LIFE', has a shorter red bar (Cutting speed) and a tall blue bar (Service life).

Our tools are consistently designed for high performance. But as application parameters and expectations of our cutting and grinding discs can differ considerably, we offer you variants:

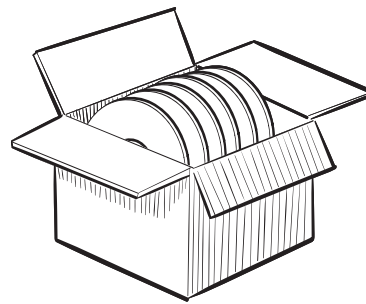
BEST SPEED is the right choice for all those who want quick results. Shorter grinding times ensure that work progresses with speed.

BEST LIFE ensures a long service life per tool and optimizes tool changing intervals.

■ Cutting speed ■ Service life

Packing units

Diameter (mm)	Disc width (mm)	Packing units
76	all	50 pieces
100–230	3	25 pieces
	4	20 pieces
	≥ 6	10 pieces




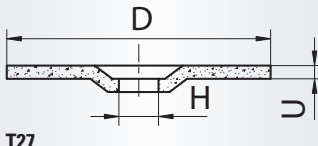
ROTLUFF

High Performance

Grinding and cutting disc to machine stainless steel – PROMAX COOL JOBBER

Ordering example: AS005675





T27

Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 $v_{max.}$: 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
T27 PROMAX	A36V-BF INOX COOL JOBBER	BEST LIFE	115	3,0	22,23	13.300	AS005675	1 2 3 4 6	■
T27 PROMAX	A36V-BF INOX COOL JOBBER	BEST LIFE	125	3,0	22,23	12.200	AS005676	1 2 3 4 6	■
T27 PROMAX	A24S-BF INOX COOL JOBBER	BEST SPEED	125	3,0	22,23	12.200	AS005705	1 2 3 4 6	■


- For universal applications involving cutting and rough grinding
- Excellent grinding performance, thanks to the pimples in its structure

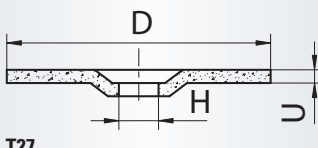
ROTLUFF

High Performance

Grinding and cutting disc to machine stainless steel – PROMAX

Ordering example: AS001674





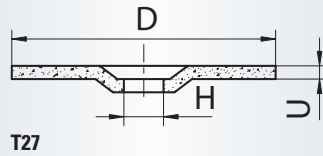
T27

Packing unit:
see page 195
Iron, sulphur and chlorine < 0,1%
 $v_{max.}$: 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
T27 PROMAX	A24V-BF INOX	BEST SPEED	115	4,0	22,23	13.300	AS001674	1 2 3 4 6	■
T27 PROMAX	A24V-BF INOX	BEST SPEED	125	4,0	22,23	12.200	AS001705	1 2 3 4 6	■
T27 PROMAX	A24V-BF INOX	BEST SPEED	150	4,0	22,23	10.200	AS001521	1 2 3 4 6	■ NEW
T27 PROMAX	A24V-BF INOX	BEST SPEED	180	4,0	22,23	8.500	AS001766	1 2 3 4 6	■
T27 PROMAX	A24V-BF INOX	BEST SPEED	230	4,0	22,23	6.600	AS001805	1 2 3 4 6	■ NEW

Grinding discs for stainless steel – PROMAX

Ordering example: AS003491



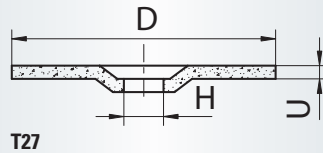
Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 v_{max} : 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
T27 PROMAX	A24U-BF INOX	BEST LIFE	115	7,0	22,23	13.300	AS003491	1 2 3 4 6	■
T27 PROMAX	A24U-BF INOX	BEST LIFE	125	7,0	22,23	12.200	AS003492	1 2 3 4 6	■
NEW T27 PROMAX	A24U-BF INOX	BEST LIFE	180	7,0	22,23	8.500	AS003494	1 2 3 4 6	■

- Very aggressive grinding performance, thanks to its structured surface
- Harder bond for high stock removal and the same service life

Grinding discs for stainless steel – PROMAX

Ordering example: AS003100

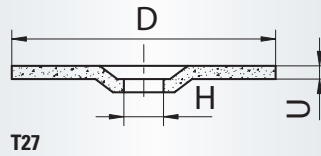


Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 v_{max} : 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW T27 PROMAX	A24X-BF INOX BEST LIFE	BEST LIFE	115	7,0	22,23	13.300	AS003100	1 2 3 4 6	■
T27 PROMAX	A24X-BF INOX BEST LIFE	BEST LIFE	125	7,0	22,23	12.200	AS003101	1 2 3 4 6	■
NEW T27 PROMAX	A24V-BF INOX	BEST SPEED	125	7,0	22,23	12.200	AS001709	1 2 3 4 6	■
T27 PROMAX	A24S-BF INOX	BEST SPEED	125	7,0	22,23	12.200	AS003393	1 2 3 4 6	■
T27 PROMAX	A24X-BF INOX BEST LIFE	BEST LIFE	180	7,0	22,23	8.500	AS003103	1 2 3 4 6	■
NEW T27 PROMAX	A24X-BF INOX BEST LIFE	BEST LIFE	230	7,0	22,23	6.600	AS003104	1 2 3 4 6	■
T27 PROMAX	A24V-BF INOX	BEST SPEED	230	7,0	22,23	6.600	AS001810	1 2 3 4 6	■

Grinding discs for stainless steel – PREMIUMFLEX

Ordering example: AS002037

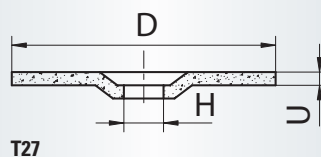


Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 v_{max} : 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
T27 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	100	6,0	16,00	15.300	AS002037	1 2 3 4	■
T27 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	115	6,4	22,23	13.300	AS000105	1 2 3 4	■
T27 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	125	4,0	22,23	12.200	AS003106	1 2 3 4	■
T27 PREMIUMFLEX	A24P-BF INOX	BEST SPEED	125	6,0	22,23	12.200	AS000694	1 2 3 4	■ NEW
T27 PREMIUMFLEX	A24/30Q-BF INOX	BEST SPEED	125	6,0	22,23	12.200	AS001603	1 2 3 4	■ NEW
T27 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	125	6,4	22,23	12.200	AS000106	1 2 3 4	■
T27 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	150	6,4	22,23	10.200	AS000107	1 2 3 4	■ NEW
T27 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	180	6,4	22,23	8.500	AS000108	1 2 3 4	■
T27 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	180	8,0	22,23	8.500	AS002108	1 2 3 4	■
T27 PREMIUMFLEX	A24/30Q-BF INOX	BEST SPEED	180	8,0	22,23	8.500	AS001606	1 2 3 4	■
T27 PREMIUMFLEX	A24/30S-BF INOX	BEST LIFE	230	6,4	22,23	6.600	AS000109	1 2 3 4	■
T27 PREMIUMFLEX	A24P-BF INOX	BEST SPEED	230	6,5	22,23	6.600	AS000763	1 2 3 4	■ NEW

Grinding discs for metal – PROMAX

Ordering example: AS002451

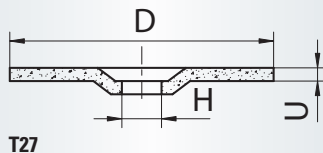


Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 v_{max} : 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
T27 PROMAX	A24X-BF BEST LIFE	BEST LIFE	115	7,0	22,23	13.300	AS002451	1 2 3	■
T27 PROMAX	A24/30T-BF	BEST SPEED	115	7,0	22,23	13.300	AS001679	1 2 3 5	■ NEW
T27 PROMAX	A24T-BF	BEST LIFE	125	4,0	22,23	12.200	AS001706	1 2 3 5	■
T27 PROMAX	A24X-BF BEST LIFE	BEST LIFE	125	7,0	22,23	12.200	AS002453	1 2 3	■
T27 PROMAX	A24/30T-BF	BEST SPEED	125	7,0	22,23	12.200	AS001710	1 2 3 5	■
T27 PROMAX	A24X-BF BEST LIFE	BEST LIFE	180	7,0	22,23	8.500	AS002466	1 2 3	■
T27 PROMAX	A24/30T-BF	BEST SPEED	180	7,0	22,23	8.500	AS001772	1 2 3 5	■ NEW
T27 PROMAX	A24X-BF BEST LIFE	BEST LIFE	230	7,0	22,23	6.600	AS002468	1 2 3	■ NEW
T27 PROMAX	A24/30T-BF	BEST SPEED	230	7,0	22,23	6.600	AS001811	1 2 3 5	■ NEW
T27 PROMAX	A24X-BF BEST LIFE	BEST LIFE	230	8,0	22,23	6.600	AS002469	1 2 3	■ NEW

Grinding discs for metal – PREMIUMFLEX

Ordering example: AS000642



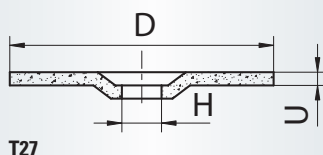
Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 v_{max} : 80 m/s

	Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	100	6,0	16,00	15.300	AS000642	1 2 3	■
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	115	6,0	22,23	13.300	AS000667	1 2 3	■
NEW	T27 PREMIUMFLEX	A24/30P-BF	BEST SPEED	115	6,0	22,23	13.300	AS000992	1 2 3 5	■
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	125	4,0	22,23	12.200	AS000690	1 2 3	■
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	125	6,0	22,23	12.200	AS000692	1 2 3	■
NEW	T27 PREMIUMFLEX	A24/30P-BF	BEST SPEED	125	6,0	22,23	12.200	AS000999	1 2 3 5	■
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	125	8,0	22,23	12.200	AS000696	1 2 3	■
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	150	4,0	22,23	10.200	AS002920	1 2 3	■
NEW	T27 PREMIUMFLEX	A24/30P-BF	BEST SPEED	150	6,0	22,23	10.200	AS003712	1 2 3 5	■
NEW	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	150	6,0	22,23	10.200	AS000712	1 2 3	■
NEW	T27 PREMIUMFLEX	A24/30P-BF	BEST SPEED	180	6,5	22,23	8.500	AS001009	1 2 3 5	■
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	180	6,5	22,23	8.500	AS000737	1 2 3	■
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	180	8,0	22,23	8.500	AS000740	1 2 3	■
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	230	6,5	22,23	6.500	AS000762	1 2 3	■
	T27 PREMIUMFLEX	A24/30P-BF	BEST SPEED	230	6,5	22,23	6.500	AS001017	1 2 3 5	■
NEW	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	230	8,0	22,23	6.500	AS000767	1 2 3	■



Grinding discs for metal – BASE

Ordering example: A3891101150622001

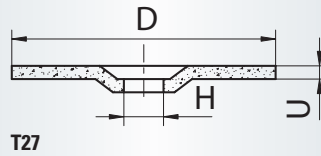


Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 v_{max} : 80 m/s

	Description	Quality	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW	T27 BASE-X	A24R-BF	115	6,0	22,23	13.300	A3891101150622001	1 2 3	■
NEW	T27 BASE-X	A24R-BF	125	6,0	22,23	12.200	A3891101250622001	1 2 3	■
NEW	T27 BASE-X	A24R-BF	180	6,0	22,23	8.500	A3891101800622001	1 2 3	■
NEW	T27 BASE-X	A24R-BF	230	6,0	22,23	6.500	A3891102300622001	1 2 3	■

Grinding discs for non-ferrous metals – PROMAX

Ordering example: AS001677

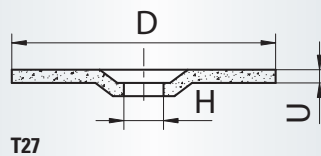


Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 v_{max} : 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for		
T27 PROMAX	A36N-BF ALU	BEST LIFE	115	7,0	22,23	13.300	AS001677	① ② ③ ④ ⑤ ⑥	■	NEW
T27 PROMAX	A36N-BF ALU	BEST LIFE	125	7,0	22,23	12.200	AS001708	① ② ③ ④ ⑤ ⑥	■	
T27 PROMAX	A36N-BF ALU	BEST LIFE	180	7,0	22,23	8.500	AS001770	① ② ③ ④ ⑤ ⑥	■	
T27 PROMAX	A36N-BF ALU	BEST LIFE	230	7,0	22,23	6.500	AS001809	① ② ③ ④ ⑤ ⑥	■	NEW

Grinding discs for cast iron – PROMAX

Ordering example: AS001773

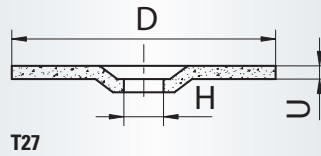


Packing unit:
see page 195
T27 = depressed centre
Iron, sulphur and chlorine < 0,1%
 v_{max} : 80 m/s

Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
T27 PROMAX	ZA24R-BF	BEST LIFE	180	7,0	22,23	8.500	AS001773	⑤	■
T27 PROMAX	ZA24R-BF	BEST LIFE	230	7,0	22,23	6.500	AS001812	⑤	■

Grinding discs for stone and cast iron – PREMIUMFLEX

Ordering example: AS001617



Packing unit:

see page 195

T27 = depressed centre

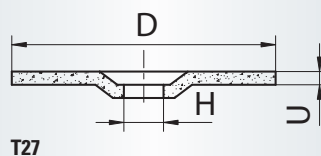
Iron, sulphur and chlorine < 0,1%

v_{max}: 80 m/s

	Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
NEW	T27 PREMIUMFLEX	C24N-BF	BEST LIFE	115	6,0	22,23	13.300	AS001617	5 10 11 12	■
NEW	T27 PREMIUMFLEX	C24N-BF	BEST LIFE	125	6,0	22,23	12.200	AS001618	5 10 11 12	■
NEW	T27 PREMIUMFLEX	AC24S-BF	BEST LIFE	180	8,0	22,23	8.500	AS001598	5 10 11 12	■
NEW	T27 PREMIUMFLEX	AC24S-BF	BEST LIFE	230	6,8	22,23	6.500	AS001599	5 10 11 12	■
NEW	T27 PREMIUMFLEX	C24N-BF	BEST LIFE	230	6,8	22,23	6.500	AS001625	5 10 11 12	■
	T27 PREMIUMFLEX	AC24S-BF	BEST LIFE	230	8,0	22,23	6.500	AS001600	5 10 11 12	■

Small grinding discs for metal – PREMIUMFLEX

Ordering example: AS000676



Packing unit:

see page 195

T27 = depressed centre

Iron, sulphur and chlorine < 0,1%

v_{max}: 80 m/s

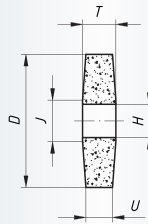
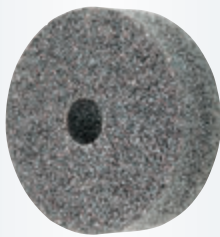
	Description	Quality	Variant	Ø D mm	Thickness U mm	Bore H mm	n max. (1/min)	Product-Number	recommended for	
	T27 PREMIUMFLEX	A24/30S-BF	BEST LIFE	76	6,0	10,00	20.100	AS000676	1 2 3	■



Industry

Taper sided, grinding wheel, Shape SE4 (nach ISO 603-12)

Ordering example: A2039080200320001



Packing unit:
10 pcs. per type
max. operating speed
50 m/s = 11.900 1/min

Description	Quality	D mm	T mm	U mm	H mm	J mm	Product-Number	recommended for	
SE4 08020.16	HK 24 M BA. soft	80	20	16	16	25	A2039080200320001	④ ⑤	■
SE4 08020.16	HK 16 P BA. hard	80	20	16	16	25	A2039080200320002	④ ⑤	■
SE4 08020.20	HK 24 M BA. soft	80	20	16	20	25	A2039080200320003	④ ⑤	■
SE4 08020.20	HK 16 P BA. hard	80	20	16	20	25	A2039080200320004	④ ⑤	■

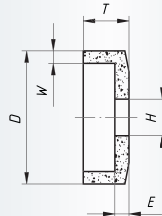
These tools must be used with a flange which complies with the regulations of DIN 69864.



Industry

Cup wheels for angle grinders, shape SE 6 (to ISO 603-7)

Ordering example: A204108027027



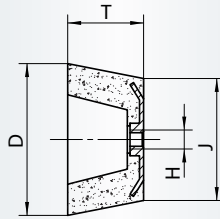
Packing unit:
5 pcs.
max. operating speed
50 m/s = 11.900 1/min

Description	Quality	D mm	T mm	H mm	W mm	E mm	Product-Number	recommended for	
SE6 08027.22	A 24 P BA	80	27	22,2	8	8	A204108027027	② ③ ⑤	■
SE6 08027.22	A 36 P BA	80	27	22,2	8	8	A2041080270270001	② ③ ⑤	■
SE6 08027.22	C 30 N BA	80	27	22,2	8	8	A204108027039	② ③ ④ ⑤ ⑥	■



Cup wheels for angle grinders, shape SE11 with screw thread

Ordering example: A2094110551111



Packing unit:
10 pcs., up to Ø 130 mm 5 pcs.
 v_{max} : 50 m/s

Description	Quality	D mm	J mm	T mm	H mm	n max. (1/min)	Product-Number	recommended for														
SE11 110055.M14	A 16 Q BA	110	90	55	M14	8.600	A2094110551111	1	3	4	5											■
SE11 110055.M14	A 24 Q BA	110	90	55	M14	8.600	A2094110551211	1	3	4	5											■
SE11 110055.M14	A 36 Q BA	110	90	55	M14	8.600	A2094110551311	1	3	4	5											■
SE11 110055.M14	C 16 N BA	110	90	55	M14	8.600	A2094110551121	5	10	11	12	13										■
SE11 110055.M14	C 24 N BA	110	90	55	M14	8.600	A2094110551221	5	10	11	12	13										■
SE11 110055.M14	C 36 N BA	110	90	55	M14	8.600	A2094110551321	5	10	11	12	13										■
SE11 110055.M14	C 60 N BA	110	90	55	M14	8.600	A2094110551521	5	10	11	12	13										■
SE11 110055.M14	C 80 N BA	110	90	55	M14	8.600	A2094110551621	5	10	11	12	13										■
SE11 110055.M14	C 120 N BA	110	90	55	M14	8.600	A2094110551721	5	10	11	12	13										■
SE11 130055.M14	A 16 Q BA	130	90	55	M14	7.300	A2094130551111	1	3	4	5											■
SE11 130055.M14	A 24 Q BA	130	90	55	M14	7.300	A2094130551211	1	3	4	5											■
SE11 130055.M14	C 16 N BA	130	90	55	M14	7.300	A2094130551121	5	10	11	12	13										■
SE11 130055.M14	C 24 N BA	130	90	55	M14	7.300	A2094130551221	5	10	11	12	13										■
SE11 130055.M14	C 36 N BA	130	90	55	M14	7.300	A2094130551321	5	10	11	12	13										■
SE11 130055.M14	C 60 N BA	130	90	55	M14	7.300	A2094130551521	5	10	11	12	13										■

This product excels in

- High stock removal
- Long life
- Less vibration
- Low noise
- Aggressive cut

Applications for the A quality, brown aluminium oxide

- Welding seams
- Grinding in corners and edges
- Steel sheets
- Railway tracks
- Descaling
- Trimming of castings
- Thin profiles

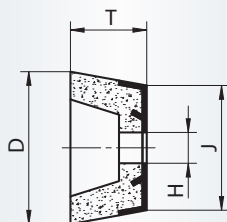
Applications for the C quality, silicon carbide

- Ductile cast iron pipes
- Spherical castings
- Malleable cast iron
- Reinforced concrete
- Roof tiles
- Lime sand brick, artificial stone and dressed stone
- General stone
- Ceramic
- Grey iron castings
- Steel castings
- Marble
- Bottom plates
- Curbstones
- Fair faced brick
- Floating screed



Cup wheels for angle grinders, shape SE11 with steel cover and bore

Ordering example: A209411055511



Packing unit:
10 pcs., up to Ø 130 mm 5 pcs.
 v_{max} : 50 m/s

Description	Quality	D mm	J mm	T mm	H mm	n max. (1/min)	Product-Number	recommended for	
SE11 110055.22	A 16 Q BA	110	90	55	22,23	8.600	A2094110555111	1 3 4 5	■
SE11 110055.22	A 24 Q BA	110	90	55	22,23	8.600	A2094110555211	1 3 4 5	■
SE11 110055.22	A 36 Q BA	110	90	55	22,23	8.600	A2094110555311	1 3 4 5	■
SE11 110055.22	A 60 Q BA	110	90	55	22,23	8.600	A2094110555511	1 3 4 5	■
SE11 110055.22	C 16 N BA	110	90	55	22,23	8.600	A2094110555121	5 10 11 12 13	■
SE11 110055.22	C 24 N BA	110	90	55	22,23	8.600	A2094110555221	5 10 11 12 13	■
SE11 110055.22	C 60 Q BA	110	90	55	22,23	8.600	A2094110555521	5 10 11 12 13	■
SE11 110055.22	C 80 N BA	110	90	55	22,23	8.600	A2094110555621	5 10 11 12 13	■
SE11 110055.22	C 120 Q BA	110	90	55	22,23	8.600	A2094110555721	5 10 11 12 13	■
SE11 130055.22	A 16 Q BA	130	90	55	22,23	7.300	A2094130555111	1 3 4 5	■
SE11 130055.22	A 24 Q BA	130	90	55	22,23	7.300	A2094130555211	1 3 4 5	■
SE11 130055.22	C 16 Q BA	130	90	55	22,23	7.300	A2094130555121	5 10 11 12 13	■
SE11 130055.22	C 24 N BA	130	90	55	22,23	7.300	A2094130555221	5 10 11 12 13	■

This product excels in

- High stock removal
- Long life
- Less vibration
- Low noise
- Aggressive cut

Applications for the A quality, brown aluminium oxide

- Welding seams
- Grinding in corners and edges
- Steel sheets
- Railway tracks
- Descaling
- Trimming of castings
- Thin profiles

Applications for the C quality, silicon carbide

- Ductile cast iron pipes
- Spherical castings
- Malleable cast iron
- Reinforced concrete
- Roof tiles
- Lime sand brick, artificial stone and dressed stone
- General stone
- Ceramic
- Grey iron castings
- Steel castings
- Marble
- Bottom plates
- Curbstones
- Fair faced brick
- Floating screed