

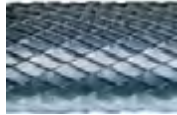


Carbide burrs

Shank diameter: 3 mm

Application:

For deburring and finishing work on cast parts, roughly machined workpieces or welding seams - can be used in hand-guided or on stationary machines.



TOOTHING 6

Staggered tooth system, universal application

Cutting speed:
450-900 m/min

Material: brass, copper, cast iron, bronze, unhardened and hardened steel, stainless steel, titanium



TOOTHING 2

Standard tooth system, universal application

Cutting speed:
400-800 m/min

Material: brass, copper, cast iron, bronze, unhardened steel, hardened steel, stainless steel, titanium

ATORN® Cemented carbide milling bit (DIN Similar to 8033)

Shank diameter: 3 mm

	Form	Cutting edge Ø x cutting edge length	Length (mm)	Serration type		6		2	
						76003... Ident. No.		76003... Ident. No.	
	Cylindrical	3 x 14.0 mm	38			021	●	024	●
	Cylindrical	6 x 12.0 mm	45			041	●	044	●
	Cylindrical shape with spur cut	3 x 14.0 mm	38			061	●	064	●
	Cylindrical shape with spur cut	6 x 12.0 mm	45			081	●	084	●
	Cylindrical shape	2 x 11.0 mm	38			101	●	104	●
	Cylindrical shape	3 x 12.0 mm	38			111	●	114	●
	Cylindrical shape	6 x 12.0 mm	45			121	●	124	●
	Ball shape	3 x 2.0 mm	38			141	●	144	●
	Ball shape	6 x 4.0 mm	38			151	●	154	●
	Flame configuration	3 x 6.0 mm	38			201	●	204	●
	Drop shape	3 x 6.0 mm	38			211	●	214	●
	Drop shape	6 x 10.0 mm	42			221	●	224	●
	Semicircular shape	3 x 12.0 mm	38			231	●	234	●
	Semicircular shape	6 x 12.0 mm	45			241	●	244	●
	Ogive shape	3 x 12.0 mm	38			261	●	264	●
	Ogive shape	6 x 12.0 mm	45			271	●	274	●
	Conical pointed	3 x 11.0 mm	38			281	●	284	●
	Conical pointed	6 x 12.0 mm	48			291	●	294	●
	Angle milling cutter shape	3 x 4.0 mm	38			321	●	324	●
	Cone	3 x 15.0 mm	38			371	●	374	●
	Cone	6 x 16.0 mm	48			381	●	384	●

Prod. Gr. 6CG

ATORN® Cemented carbide milling bit set (DIN Similar to 8033)

10-piece, shaft diameter 3 mm, tothing 2

Application:

For deburring and finishing work on cast parts, roughly machined workpieces or welding seams - can be used in hand-guided or on stationary machines.

Delivery:

1x ZYA 0313, ZYAS 0313, SKM 0311, WRC 0313, KEL 0308, SPH 0308, TRE 0306, SPG 0313, KUD 0302, RBF 0313 each, in plastic stand

Execution:

- For use with steel, stainless steel, cast iron
- Cutting speed: 450-900 m/min
- Precise spindle bearing with high concentricity required

Technical data:

- Number of pieces in assortment/set: 10 PCS



76003... Ident. No. 921

Prod. Gr. 6CG

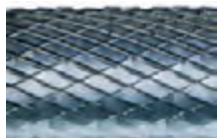


Carbide burrs

Shank diameter 6 mm

Application:

For deburring and finishing work on cast parts, roughly machined work-pieces or welding seams - can be used in hand-guided or on stationary machines.



TOOTHING 6

Staggered tooth system, universal application

Cutting speed:
450-900 m/min

Material: brass, copper, cast iron, bronze, unhardened and hardened steel, stainless steel, titanium



ALU TOOTHING

Cutting speed:
600-960 rpm

Material: aluminium, plastics, non-ferrous metals, light metals



TOOTHING 2

Standard tooth system, universal application

Cutting speed:
400-800 m/min

Material: brass, copper, cast iron, bronze, unhardened steel, hardened steel, stainless steel, titanium

ATORN® Cemented carbide milling bit (DIN Similar to 8033)

Shank diameter 6 mm

	Form	Cutting edge Ø x cutting edge length	Serration type Length (mm)	6		Aluminium		2	
				76006... Ident. No.		76006... Ident. No.		76006... Ident. No.	
	Cylindrical shape with spur cut	6 x 18.0 mm	50	011	●	-	-	-	-
	Cylindrical shape with spur cut	8 x 20.0 mm	64	021	●	-	-	-	-
	Cylindrical shape with spur cut	10 x 20.0 mm	64	061	●	060	●	-	-
	Cylindrical shape with spur cut	12 x 25.0 mm	70	081	●	080	●	-	-
	Cylindrical	6 x 18.0 mm	50	101	●	-	-	-	-
	Cylindrical	8 x 20.0 mm	64	111	●	-	-	-	-
	Cylindrical	10 x 20.0 mm	64	121	●	120	●	-	-
	Cylindrical	12 x 25.0 mm	70	131	●	130	●	134	●
	Cylindrical shape	6 x 18.0 mm	50	201	●	-	-	-	-
	Cylindrical shape	8 x 20.0 mm	64	211	●	-	-	214	●
	Cylindrical shape	10 x 20.0 mm	64	221	●	220	●	-	-
	Cylindrical shape	12 x 25.0 mm	70	231	●	230	●	234	●
	Ball shape	6 x 5.0 mm	50	321	●	-	-	-	-
	Ball shape	8 x 7.0 mm	52	331	●	-	-	-	-
	Ball shape	10 x 9.0 mm	54	341	●	340	●	-	-
	Ball shape	12 x 10.0 mm	56	351	●	350	●	354	●
	Ball shape	15 x 14.0 mm	59	361	●	-	-	-	-
	Drop shape	6 x 1.0 mm	50	371	●	-	-	-	-
	Drop shape	10 x 15.0 mm	60	381	●	-	-	-	-
	Drop shape	12 x 20.0 mm	67	391	●	-	-	-	-
	Semicircular shape	6 x 18.0 mm	50	421	●	-	-	-	-
	Semicircular shape	8 x 20.0 mm	65	431	●	-	-	-	-
	Semicircular shape	10 x 20.0 mm	64	441	●	440	●	-	-
	Semicircular shape	12 x 25.0 mm	70	451	●	450	●	-	-
	Ogve shape	6 x 18.0 mm	50	611	●	-	-	-	-
	Ogve shape	8 x 20.0 mm	64	621	●	-	-	-	-
	Ogve shape	10 x 20.0 mm	64	631	●	-	-	-	-
	Ogve shape	12 x 25.0 mm	70	641	●	-	-	644	●
	Flame configuration	8 x 20.0 mm	64	651	●	-	-	-	-
	Flame configuration	12 x 30.0 mm	77	661	●	-	-	-	-
	Conical pointed	6 x 20.0 mm	50	711	●	-	-	-	-
	Conical pointed	10 x 20.0 mm	64	731	●	-	-	-	-
	Conical pointed	12 x 25.0 mm	71	741	●	-	-	-	-
	Cone	6 x 18.0 mm	50	761	●	-	-	-	-
	Cone	10 x 26.0 mm	76	771	●	770	●	-	-
	Cone	12 x 28.0 mm	77	781	●	780	●	-	-

Prod. Gr. 6CG

ATORN® Cemented carbide milling bit sets (DIN Similar to 8033)

Shaft diameter 6 mm, teeth 6

Application:

For deburring and finishing work on cast parts, roughly machined workpieces or welding seams - can be used in hand-guided or on stationary machines.

Execution:

- Cutting speed: 450-900 m/min
- Precise spindle bearing with high concentricity required
- **Ident. No. 920:** For use with cast iron, unhardened steel, tool steel and alloyed stainless steel

- **Ident. No. 931:** Universal application for metals of all kinds (excl. aluminium)

Advantage:

- **Ident. No. 920:** With TiAlN coating for longer service life, strength and effective manufacture

Delivery:

Ident. No. 920: 1x ZYA-S 1020, WRC 1225, RBF 1225, SPG 1020, KEL 1228 each, in plastic box
Ident. No. 931: 1x ZYA 1020, ZYA 1225, WRC 1020, WRC 1225, KEL 1230, TRE 1016, SPG 1020, SPG 1225, KUD 1210, RBF 1225 each, in plastic box



Ident. No. 920



Ident. No. 931

Number of pieces in assortment/set (PCS)	5	10
76006...	Ident. No. 920	931
	●	●

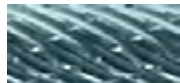
Prod. Gr. 6CG

PFERD cemented carbide milling bits

Shaft diameter 3 and 6 mm, toothing 3 Plus

Application:

Deburring, processing contours, chamfering/rounding edges, milling out for preparation of deposit welds, preparation/levelling of welding seams, fettling, altering geometries.



PFERD TOOTHING 3 PLUS:

Universal staggered tooth system for roughing;

Cutting speed:

Steels up to 1200 N/mm² (< 38 HRC); cast iron: < 450-600 m/min;
 Hardened, tempered steels over 1200 N/mm² (> 38 HRC); stainless steel: > 250-350 m/min;
 Nickel-based and cobalt-based alloys: 250-450 m/min;



Carbide burrs

Shaft diameter 3 mm, toothing 3 Plus (according to DIN 8033)

	Form	Head Ø x cutting edge length	Length (mm)	Serration type	3 PLUS
					76007... Ident. No.
	Cylindrical shape with spur cut	2 x 10 mm	40		360 ●
	Cylindrical shape with spur cut	3 x 13 mm	43		365 ●
	Cylindrical shape with spur cut	6 x 13 mm	43		370 ●
	Cylindrical shape	3 x 13 mm	43		460 ●
	Cylindrical shape	6 x 13 mm	43		465 ●
	Ball shape	3 x 2 mm	33		410 ●
	Ball shape	4 x 3 mm	34		415 ●
	Ball shape	6 x 5 mm	35		420 ●
	Ogive shape	3 x 13 mm	43		530 ●
	Ogive shape	6 x 13 mm	43		535 ●
	Conical pointed	3 x 11 mm	41		610 ●
	Conical pointed	6 x 13 mm	43		615 ●
	Semicircular shape	3 x 13 mm	43		650 ●
	Semicircular shape	6 x 13 mm	43		655 ●
	Drop shape	3 x 7 mm	37		700 ●
	Drop shape	6 x 10 mm	40		705 ●








Prod. Gr. 6AB



Carbide burrs

Shaft diameter 6 mm, toothing 3 Plus (according to DIN 8033)

	Form	Head Ø x cutting edge length	Length (mm)	Serration type	3 PLUS
					76007... Ident. No.
	Cylindrical shape with spur cut	6 x 16 mm	55		375 ●
	Cylindrical shape with spur cut	8 x 20 mm	60		380 ●
	Cylindrical shape with spur cut	10 x 20 mm	60		385 ●
	Cylindrical shape with spur cut	12 x 25 mm	65		390 ●
	Cylindrical shape with spur cut	16 x 25 mm	65		395 ●

	Form	Head Ø x cutting edge length	Length (mm)	Serration type		3 PLUS
	Ball shape	6 x 5 mm	45			76007... Ident. No.
	Ball shape	8 x 7 mm	47			425 ●
	Ball shape	10 x 9 mm	49			430 ●
	Ball shape	12 x 10 mm	51			435 ●
	Ball shape	16 x 14 mm	54			440 ●
	Cylindrical shape	6 x 16 mm	55			445 ●
	Cylindrical shape	8 x 20 mm	60			470 ●
	Cylindrical shape	10 x 20 mm	60			475 ●
	Cylindrical shape	12 x 25 mm	65			480 ●
	Cylindrical shape	12 x 25 mm	65			485 ●
	Flame configuration	8 x 20 mm	60			500 ●
	Flame configuration	12 x 30 mm	70			505 ●
	Flame configuration	16 x 35 mm	75			510 ●
	Ogive shape	6 x 18 mm	55			540 ●
	Ogive shape	8 x 20 mm	60			545 ●
	Ogive shape	10 x 20 mm	60			550 ●
	Ogive shape	12 x 25 mm	65			555 ●
	Cone with rounded end	8 x 20 mm	60			570 ●
	Cone with rounded end	10 x 20 mm	60			575 ●
	Cone with rounded end	12 x 25 mm	65			580 ●
	Cone with rounded end	16 x 30 mm	70			590 ●
	Conical pointed	6 x 18 mm	55			620 ●
	Conical pointed	10 x 20 mm	60			625 ●
	Conical pointed	12 x 25 mm	65			630 ●
	Semicircular shape	6 x 18 mm	55			660 ●
	Semicircular shape	8 x 20 mm	60			665 ●
	Semicircular shape	10 x 20 mm	60			670 ●
	Semicircular shape	12 x 25 mm	65			675 ●
	Semicircular shape	16 x 30 mm	70			680 ●
	Drop shape	6 x 10 mm	50			710 ●
	Drop shape	10 x 16 mm	56			715 ●
	Drop shape	2 x 20 mm	60			720 ○

Prod. Gr. 6AB

Cemented carbide milling bit sets 5 cemented carbide milling bits, shaft diameter 6 mm, tooling 3 PLUS

Application:

For deburring, processing contours, fettling, altering geometries.

Execution:

- Five carbide milling bits in a break-resistant plastic box. Five additional spaces are available to be equipped by the user as necessary.

Delivery:

Ident. No. 750: ZYA 0616/6 Z3 PLUS, KUD 0605/6 Z3 PLUS, WRC 0616/6 Z3 PLUS, SPG 0618/6 Z3 PLUS, RBF 0618/6 Z3 PLUS

Ident. No. 760: ZYA 1225/6 Z3 PLUS, KUD 1210/6 Z3 PLUS, WRC 1225/6 Z3 PLUS, SPG 1225/6 Z3 PLUS, RBF 1225/6 Z3 PLUS

Technical data:

- Number of pieces in assortment/set: 5



Ident. No. 760



Ident. No. 750

Head Ø (mm)		76007... Ident. No.	
	6		
	12	750	●
		760	●

Prod. Gr. 6AB

ATORN HSS milling bits Shank diameter 6 mm

Application:

For deburring, chamfering, milling, contour milling, fettling and for welding seam machining.



TOOTHING 1:

Very rough tooling for soft materials, without chip breaker groove

Cutting speed:
200-300 m/min

Material: Aluminium (long-chipping), light metal alloys, lead, tin, plastic materials (thermoplastics and duroplastics) fibre, rubber, wood

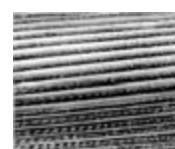


TOOTHING 2:

Robust plain tooling, with chip breaker groove

Cutting speed:
150-300 m/min

Material: Light metal (short-chipping), brass, copper, electrolyte, red bronze, bronze, zinc, magnesium alloy











TOOTHING 3:

Medium plain tooling, with chip breaker groove

Cutting speed:
60-180 m/min

Material: steel and steel casting, alloyed and unalloyed

ATORN® HSS milling bit Shaft diameter 6 mm

	Form	Cutting edge Ø x cutting edge length	Serration type Length (mm)	2		3		1	
				76001... Ident. No.		76001... Ident. No.		76001... Ident. No.	
	Conical	12.0 x 30.0 mm	70	292	●	-	-	-	-
	Conical pointed	10.0 x 20.0 mm	60	152	●	153	●	-	-
	Conical pointed	6.0 x 18.0 mm	58	192	●	193	●	-	-
	Conical pointed	12.0 x 30.0 mm	70	312	●	313	●	311	●
	Cone with rounded end	16.0 x 30.0 mm	70	362	●	363	●	361	●
	Ogive shape	6.0 x 18.0 mm	58	182	●	183	●	181	●
	Ogive shape	12.0 x 20.0 mm	60	272	●	273	●	-	-
	Ogive shape	12.0 x 30.0 mm	70	302	●	303	●	-	-
	Ogive shape	16.0 x 30.0 mm	70	352	●	353	●	351	●
	Ball shape	4.5 x 4.0 mm	60	222	●	223	●	-	-
	Ball shape	6.0 x 5.0 mm	60	-	-	226	●	-	-
	Ball shape	8.0 x 7.0 mm	60	232	●	233	●	231	●
	Ball shape	12.0 x 10.0 mm	60	242	●	243	●	241	●
	Ball shape	16.0 x 14.0 mm	60	252	●	253	●	251	●
	Drop shape	12.0 x 20.0 mm	60	262	●	263	●	-	-
	Cylindrical	10.0 x 13.0 mm	53	112	●	113	●	-	-
	Cylindrical	6.0 x 16.0 mm	56	162	●	163	●	161	●
	Cylindrical	12.0 x 25.0 mm	65	332	●	333	●	331	●
	Cylindrical	16.0 x 25.0 mm	65	342	●	343	●	341	●
	Cylindrical shape	6.0 x 20.0 mm	60	172	●	173	●	171	●
	Cylindrical shape	12.0 x 25.0 mm	65	322	●	323	●	321	●

Prod. Gr. 6CF

ATORN® Cylinder wire brushes with braided wire for use on all commercially available angle grinders and angle polishers

Application:

For preparatory and finishing work on weld seams, for removing rust, scale, varnish, slag, rubber residues and for deburring. Ideal for use in hard-to-reach

places.

Advantage:

- Long life, even with diagonal application



Ident. No. 021-061, 121-161

Version								Braided		Braided	
Edging material								Steel		Stainless steel	
Material to be processed								Steel Cast steel		Steel Non-ferrous metal Aluminium	
Head Ø (mm)	Width of head (mm)	Wire Ø (mm)	Number of braids (PCS)	Connection thread	Bore Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76089... Ident. No.		76089... Ident. No.	
115	12	0.5	20	M14	-	12500	1	011	●	111	●
115	12	0.5	20	-	22.2	12500	1	021	●	121	●
125	13	0.5	20	-	22.2	12500	1	031	●	-	-
178	13	0.5	30	-	22.2	12000	1	061	●	161	●

Prod. Gr. 6CM

LESSMANN® Narrow cylinder wire brush (pipeline brush) for use on all commercially available angle grinders and angle polishers

Application:

Especially for processing of U- and V-welding seams; which are often chosen for pipe connections

- smooth running

Advantage:

- Pipeline brush is particularly narrow and is therefore suitable for cleaning all welding seams on pipe connections

Execution:

- Long service life



Ident. No. 400-410



Ident. No. 430

Head Ø (mm)	Width of head (mm)	Wire Ø (mm)	Number of braids	Bore Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	Version	Braided Narrow	Braided Narrow
							Edging material	Steel	Stainless steel
								76099... Ident. No.	76099... Ident. No.
115	6	0.5	32	22.2	15000	1		400	430
125	6	0.5	40	22.2	15000	1		405	-
178	6	0.5	48	22.2	12500	1		410	-

Prod. Gr. 6CL

ATORN® Wire cup brushes with crimped or braided wire for use on all commercially available angle grinders and angle polishers

Application:

No. 76085: For light to medium cleaning work on large surfaces and welding seams.

No. 76088: For heavy-duty cleaning work on large surfaces and welding seams.



No. 76085 007



No. 76088 066

Head Ø (mm)	Number of braids (PCS)	Connection thread	Wire Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	Version	Corrugated	Braided
						Edging material	Steel	Steel
							Steel Cast steel Softwood Hardwood	Steel Cast steel Softwood Hardwood
							76085... Ident. No.	76088... Ident. No.
60	0	M14	0.3	12500	1		007	-
100	0	M14	0.3	8500	1		011	-
65	18	M14	0.5	12500	1		-	066
80	22	M14	0.5	8500	1		-	111
100	26	M14	0.5	8500	1		-	121

Prod. Gr. 6CM

ATORN® Conical brushes with wire braided anti-clockwise for use on all commercially available angle grinders and angle polishers

Application:

For use in hard-to-reach places. For preparatory and finishing work on weld seams, for removing rust, scale, varnish, slag, rubber residues and for deburring.

Technical data:

- Number of braids: 18 PCS
- Connection thread: M14
- Wire diameter: 0.5 mm
- Max. rotation speed: 12500 U/min(rpm)
- Number of pieces per packet: 1 PCS

Advantage:

- Long life, even with diagonal application



Ident. No. 081-091, 191

Head Ø (mm)	Width of head (mm)	Version	Braided	Braided
		Edging material	Steel	Stainless steel
			Steel Cast steel Softwood Hardwood	Stainless steel Non-ferrous metal Aluminium
			76089... Ident. No.	76089... Ident. No.
100	13		081	181
115	15		091	191

Prod. Gr. 6CM

ATORN® Cylinder wire brushes with braided or crimped wire

For bench grinder

Application:

No. 76092-76093: For removing rust and scale and for grinding.

No. 76094: For heavy demands and heavy-duty brush work, for removing rust and scale, for grinding and roughing, for removing varnish and for machining weld seams and stone.

Execution:▪ **No. 76092-76093:**

- Steel pipe body with pressed ring and outer flange
- With particularly dense material filling

Notes:

No. 76092-76093: Art. 76092 with 32 mm drill hole includes 7-piece adapter set: reduction to drill hole: 13 / 15 / 16 / 19 / 20 mm or 7/8" / 1



No. 76092-76093



No. 76094

Version						Corrugated Steel		Corrugated Stainless steel		Braided Steel	
Edging material						Steel		Steel		Steel	
Material to be processed						Steel Cast steel Softwood Hardwood		Stainless steel Non-ferrous metal Aluminium		Steel Cast steel Softwood Hardwood	
Head Ø (mm)	Wire Ø (mm)	Number of braids (PCS)	Bore Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76092... Ident. No.		76093... Ident. No.		76094... Ident. No.	
80	0.3	0	10	10000	1	081	●	081	●	-	-
100	0.3	0	10	8000	1	101	●	101	●	-	-
150	0.3	0	32	6000	1	151	●	-	-	-	-
178	0.3	0	32	6000	1	176	●	-	-	-	-
200	0.3	0	32	4500	1	201	●	-	-	-	-
150	0.3	0	14	6000	1	-	-	151	●	-	-
178	0.3	0	14	6000	1	-	-	176	●	-	-
200	0.3	0	20	4500	1	-	-	201	●	-	-
100	0.5	40	20	11000	1	-	-	-	-	101	●
200	0.5	102	25.4	8500	1	-	-	-	-	201	●

Prod. Gr. 6CM

ATORN® Shaft-mounted cylinder wire brushes with crimped wire

Shaft diameter 6 mm, for use on fast-running machines

Application:

For roughing, deburring, paint stripping, de-scaling, matting and cleaning.

Technical data:

- Number of braids: 0 PCS
- Number of pieces per packet: 5 PCS



Ident. No. 011-041, 061-171



Ident. No. 051

Version				Corrugated Steel		Corrugated Brass		Corrugated Stainless steel	
Edging material				Steel		Steel		Steel	
Material to be processed				Steel Cast steel Softwood Hardwood		Brass Softwood		Stainless steel Non-ferrous metal Aluminium	
Head Ø (mm)	Width of head (mm)	Wire Ø (mm)	Max. rotation speed (U/min(rpm))	76090... Ident. No.		76090... Ident. No.		76090... Ident. No.	
20	4	0.15	20000	011	●	021	●	-	-
30	6	0.15	20000	031	●	-	-	-	-
40	11	0.20	18000	041	●	051	●	141	●
50	17	0.20	15000	061	●	-	-	-	-
70	18	0.30	15000	071	●	081	●	171	●
20	4	0.20	20000	-	-	-	-	111	●
30	9	0.20	20000	-	-	-	-	131	●
50	10	0.30	15000	-	-	-	-	161	●

Prod. Gr. 6CM

Source: Hahn+Kolb Werkzeuge GmbH

Technical data subject to change.

Availability subject to country specific rules and regulations

www.iconridge.com

ATORN® Shaft-mounted cylinder wire brushes with braided wire

Shaft diameter 6 mm, for use on fast-running machines

Application:

For machining weld seams, removing hard scale, slag, underbody sealing, sand residues and for deburring.

Execution:

- With plaited wire (number of plaits: 15)

Technical data:

- Head diameter: 75 mm
- Wire diameter: 0.50 mm
- Number of braids: 15
- Max. rotation speed: 20000 U/min(rpm)
- Number of pieces per packet: 5 PCS



Ident. No. 091



Ident. No. 181

Version			Braided	
Edging material			Steel	
Material to be processed			Stainless steel Non-ferrous metal Aluminium	
Width of head (mm)			76090... Ident. No.	
13			091	-
12			-	181

Prod. Gr. 6CM

ATORN® Shaft-mounted cylinder wire brushes with silicon carbide sanding bristles

Shaft diameter 6 mm, for use on fast-running machines

Application:

For deburring, rounding edges and surface finishing, and for processing stamped, turned, milled and drilled tool parts.

Advantage:

- Optimal adaptation to irregular surfaces due to nylon fibres
- High elasticity without risk of breakage paired with a long service life

Notes:

Due to the effect of heat on the plastic brushes, the speed is limited to a cutting speed of 18 m/sec.

Technical data:

- Number of braids: 0 PCS
- Max. rotation speed: 15000 U/min(rpm)
- Number of pieces per packet: 5 PCS



Version			Corrugated	
Edging material			Nylon with SiC grain 180	
Material to be processed			Steel Stainless steel Non-ferrous metal Aluminium Wood	
Head Ø (mm)	Width of head (mm)	Wire Ø (mm)	76091... Ident. No.	76091... Ident. No.
50	15	0.90	011	-
70	18	0.90	021	-
50	15	0.55	-	031
70	18	0.55	-	041

Prod. Gr. 6CM

ATORN® Wire end brushes with crimped wire

Shaft diameter 6 mm, for use on fast-running machines

Application:

For removing burrs, rust, slag, scale, rubber residues, incineration residues and other impurities from

places that are difficult to access and from inner surfaces.



Ident. No. 201



Ident. No. 111

Edging material						Steel	Stainless steel
Material to be processed						Steel Cast steel Softwood Hardwood	Stainless steel Non-fer- rous metal Aluminium
Head Ø (mm)	Length of bristles (mm)	Length (mm)	Wire Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76095... Ident. No.	76095... Ident. No.
10	20	40	0.50	20000	5	201	-
10	20	100	0.30	20000	5	211	-
17	25	45	0.50	18000	5	221	-
25	25	50	0.50	18000	5	231	-
30	25	45	0.50	15000	5	241	-
10	20	40	0.30	20000	5	-	101
11	20	100	0.30	9000	5	-	111

Prod. Gr. 6CM

ATORN® Wire end brushes with braided wire

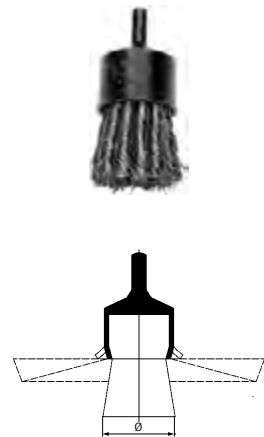
Shaft diameter 6 mm, for use on fast-running machines

Application:

For precise machining in hard-to-reach places and on inner surfaces, also particularly suitable for cleaning the inside of cylindrical bores.

Advantage:

- Variable outer diameter: due to the centrifugal force produced, the brush opens or closes as the working speed changes
- High flexibility and high cleaning efficiency



Edging material						Steel	Stainless steel
Material to be processed						Steel Cast steel	Stainless steel Non-fer- rous metal Aluminium
Head Ø (mm)	Length of bristles (mm)	Length (mm)	Wire Ø (mm)	Number of braids (PCS)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76096... Ident. No.
20	29	44	0.25	6	20000	5	111
23	29	44	0.35	8	20000	5	121
30	29	44	0.35	12	20000	5	131

Prod. Gr. 6CM

ATORN® Wire end brushes with crimped stranded wire

Shaft diameter 6 mm, for use on fast-running machines

Application:

For roughening, deburring, stripping paint or removing burrs, rust and combustion residues in hard-to-reach places in steel machining.

Execution:

- 3-4 brass-plated steel wires with single wire diameters of 0.2 mm twisted into rope construction
- Spring hard and tough

Notes:

Not suitable for VA machining.



Edging material						Steel
Material to be processed						Steel Wood
Head Ø (mm)	Length of bristles (mm)	Length (mm)	Wire Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76097... Ident. No.
11	20	40	0.20	20000	5	121
16	25	45	0.20	20000	5	171
22	25	45	0.20	18000	5	241
28	30	45	0.20	15000	5	301

Prod. Gr. 6CM

LESSMANN® Surface brushes with crimped wire

Shaft diameter 6 mm, for use on fast-running machines

Application:

For cleaning and deburring small and medium surfaces.

Execution:

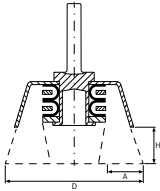
- Use for fast-running machines
- Thick bristles guarantee a long service life

Advantage:

- Thick bristles guarantee a long service life

Technical data:

- Wire diameter: 0.30 mm
- Number of pieces per packet: 10 PCS



Ident. No. 300



Ident. No. 305-315

D (mm)	A (mm)	H (mm)	Max. rotation speed (U/min(rpm))	Edging material	
				Steel	Stainless steel
50	22	20	10500	76099... Ident. No.	76099... Ident. No.
70	30	25	6000	300 • 310 •	305 • 315 •

Prod. Gr. 6CL

ATORN® ATORN miniature brushes round/pot/wire end brushes

Shank Ø 2.34 mm

Application:

For cleaning and polishing as well as for light deburring work in holes and cavities.

Due to the low trimming width, targeted processing is possible in hard-to-reach spots.

Notes:

Brushes with natural trim can be used with polishing pastes for a better result. Brushes with flexible nylon diamond trim: Restoration and breakage resistance even under heavy load and deformation. Suitable for processing very hard parts such as ceramic parts, hardened parts, precision components, etc.



Ident. No. 011-015



Ident. No. 240



Ident. No. 330

Type	Shaft Ø (mm)	Brush Ø (mm)	Version	Edging material	Wire Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet	76086... Ident. No.	
Cylinder wire brush	2.34	16	Corrugated	Steel	0.10	25000	12	001	•
Cylinder wire brush	2.34	22	Corrugated	Steel	0.10	25000	12	005	•
Cylinder wire brush	2.34	32	Corrugated	Steel	0.10	15000	12	009	•
Cylinder wire brush	2.34	16	Corrugated	Stainless steel	0.10	25000	12	011	•
Cylinder wire brush	2.34	22	Corrugated	Stainless steel	0.10	25000	12	015	•
Cylinder wire brush	2.34	16	Corrugated	Brass	0.10	25000	12	021	•
Cylinder wire brush	2.34	22	Corrugated	Brass	0.10	25000	12	025	•
Cylinder wire brush	2.34	16	-	Natural bristle goat hair	-	25000	12	031	•
Cylinder wire brush	2.34	22	-	Natural bristle goat hair	-	25000	12	035	•
Cylinder wire brush	2.34	17	-	Nylon diamond grain 400	-	25000	2	041	•
Cylinder wire brush	2.34	22	-	Nylon diamond grain 400	-	25000	2	045	•
Wire cup brush	2.34	18	Corrugated	Steel	0.10	20000	12	200	•
Wire cup brush	2.34	18	Corrugated	Stainless steel	0.10	20000	12	210	•
Wire cup brush	2.34	18	Corrugated	Brass	0.10	20000	12	220	•
Wire cup brush	2.34	18	-	Natural bristle goat hair	-	20000	12	230	•
Wire cup brush	2.34	18	-	Nylon diamond grain 400	-	20000	2	240	•
End brush	2.34	5	Corrugated	Steel	0.10	5000	12	300	•
End brush	2.34	5	Corrugated	Stainless steel	0.10	5000	12	310	•
End brush	2.34	5	Corrugated	Brass	0.10	5000	12	320	•
End brush	2.34	5	-	Natural bristle goat hair	-	5000	12	330	•
End brush	2.34	5	-	Nylon diamond grain 400	-	5000	2	340	•

Prod. Gr. 6CN

ATORN® ATORN miniature brushes round/pot/wire end brushes

Shank Ø 3 mm

Application:

For cleaning and polishing as well as for light deburring work in holes and cavities.

Due to the low trimming width, targeted processing is possible in hard-to-reach spots.

Notes:

Brushes with natural trim can be used with polishing pastes for a better result.

Brushes with flexible nylon diamond trim: Restoration and breakage resistance even under heavy load and deformation. Suitable for processing very hard parts such as ceramic parts, hardened parts, precision components, etc.



Ident. No. 121-125



Ident. No. 290



Ident. No. 370

Type	Shaft Ø (mm)	Brush Ø (mm)	Version	Edging material	Wire Ø (mm)	Max. rotation speed (U/ min(rpm))	Number of pieces per packet	76086... Ident. No.	
Cylinder wire brush	3.0	16	Corrugated	Steel	0.10	25000	12	101	●
Cylinder wire brush	3.0	22	Corrugated	Steel	0.10	25000	12	105	●
Cylinder wire brush	3.0	32	Corrugated	Steel	0.10	15000	12	109	●
Cylinder wire brush	3.0	16	Corrugated	Stainless steel	0.10	25000	12	111	●
Cylinder wire brush	3.0	22	Corrugated	Stainless steel	0.10	25000	12	115	●
Cylinder wire brush	3.0	16	Corrugated	Brass	0.10	25000	12	121	●
Cylinder wire brush	3.0	22	Corrugated	Brass	0.10	25000	12	125	●
Cylinder wire brush	3.0	16	-	Natural bristle goat hair	-	25000	12	131	●
Cylinder wire brush	3.0	22	-	Natural bristle goat hair	-	25000	12	135	●
Wire cup brush	3.0	18	Corrugated	Steel	0.10	20000	12	260	●
Wire cup brush	3.0	18	Corrugated	Stainless steel	0.10	20000	12	270	●
Wire cup brush	3.0	18	Corrugated	Brass	0.10	20000	12	280	●
Wire cup brush	3.0	18	-	Natural bristle goat hair	-	20000	12	290	●
End brush	3.0	5	Corrugated	Steel	0.10	5000	12	360	●
End brush	3.0	5	Corrugated	Stainless steel	0.10	5000	12	370	●
End brush	3.0	5	Corrugated	Brass	0.10	5000	12	380	●
End brush	3.0	5	-	Natural bristle goat hair	-	5000	12	390	●

Prod. Gr. 6CN

ATORN® ATORN tube brush micro abrasive

Application:

Use in CNC and NC machines and machining centres.

Perfect for deburring cross-drilled holes, control parts, O-ring grooves and cylindrical workpieces, cleaning condensers and smoke tubes as well as roughening of surface coatings.

Advantage:

- Micro-abrasive tube brushes are also flexible in smaller diameter ranges
- Can be used for a wide range of diameters, unlike conventional deburring tools

Notes:

The brushes should be used with an excess length of 5 - 10% compared to the bore diameter.

Execution:

- Flexible trim made from silicon carbide or aluminium oxide

Grid size	D (mm)	L (mm)	A (mm)	Shaft Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet	76087... Ident. No.	
SIC 1000	0.7	100	12	0.42	500	12	005	●
SIC 1000	1.2	100	12	0.47	500	12	010	●
SIC 1000	1.9	100	18	0.74	500	12	015	●
SIC 1000	2.2	100	18	0.93	1000	12	020	●
SIC 1000	2.6	100	25	1.08	1000	12	025	●
SIC 1000	3.2	100	25	1.66	1000	12	030	●
SIC 1000	3.5	100	25	1.66	1000	12	035	●
AO 600	4.2	125	25	2.2	1000	12	150	●
AO 600	4.8	125	25	2.2	1000	12	155	●
AO 600	5.5	125	25	2.2	1000	12	160	●
AO 600	6.6	125	25	3.0	1500	12	165	●
AO 600	8.2	125	25	3.0	1500	12	170	●
AO 600	9.8	125	25	3.4	1500	12	175	●
AO 600	11.5	125	25	3.4	2000	12	180	●
AO 600	13.0	125	25	4.2	2000	12	185	●
AO 600	16.0	125	25	4.2	2000	12	190	●
AO 600	17.5	125	25	4.2	2000	12	195	●
AO 600	19.4	125	25	5.6	2000	12	200	●
AO 600	22.6	125	25	5.6	2000	12	205	●
AO 600	25.8	125	25	6.2	2000	12	215	●

Prod. Gr. 6CN

ATORN® ATORN Helituf internal cleaning brushes

Densely filled internal cleaning brushes for mechanical or manual use

Application:

Helituf internal cleaning brushes are ideal for cleaning threaded holes, brushing edges and elongated slots such as keyways.

- Dual wire core

Advantage:

- Can be used in drill chucks and tool spindles

Notes:

Optional Helituf® holders also enable assembly in chucks.

Execution:

- Spiral bristle arrangement simulates a lifting motion
- Crimped wire spiral bristles



Ident. No. 505-545



Ident. No. 550-580



Ident. No. 605-630



Ident. No. 650-685

Bore Ø (mm)	Edging material	Wire Ø (mm)	D (mm)	L (mm)	A (mm)	Shaft Ø (mm)	Max. rotation speed (U/ min(rpm))	Number of pieces per packet	76087... Ident. No.	
6	Steel	0.13	6.4	89	25	3	3500	12	505	●
8	Steel	0.13	8.3	89	25	3	3500	12	510	●
10	Steel	0.13	11.0	89	25	3	3500	12	515	●
13	Steel	0.13	14.3	89	25	3	3500	12	520	●
16	Steel	0.13	17.5	89	25	3	3000	12	525	●
19	Steel	0.13	21.0	89	25	3	3000	12	530	●
22	Steel	0.13	23.8	89	25	3	3000	12	535	●
25	Steel	0.13	27.0	89	25	3	3000	12	540	●
29	Steel	0.13	30.0	89	25	3	3000	12	545	●
10	Steel	0.20	11.0	89	25	3	3500	12	550	●
13	Steel	0.20	14.3	89	25	3	3500	12	555	●
16	Steel	0.20	17.5	89	25	3	3000	12	560	●
19	Steel	0.20	21.0	89	25	3	3000	12	565	●
22	Steel	0.20	23.8	89	25	3	3000	12	570	●
25	Steel	0.20	27.0	89	25	3	3000	12	575	●
32	Steel	0.20	33.4	89	25	3	3000	12	580	●
6	Stainless steel	0.13	6.4	89	25	3	3500	12	605	●
10	Stainless steel	0.13	11.0	89	25	3	3500	12	610	●
13	Stainless steel	0.13	14.3	89	25	3	3500	12	615	●
16	Stainless steel	0.13	17.5	89	25	3	3000	12	620	●
22	Stainless steel	0.13	23.8	89	25	3	3000	12	625	●
25	Stainless steel	0.13	27.0	89	25	3	3000	12	630	●
10	Stainless steel	0.20	11.0	89	25	3	3500	12	650	●
13	Stainless steel	0.20	14.3	89	25	3	3500	12	655	●
16	Stainless steel	0.20	17.5	89	25	3	3000	12	670	●
19	Stainless steel	0.20	21.0	89	25	3	3000	12	675	●
25	Stainless steel	0.20	27.0	89	25	3	3000	12	680	●
32	Stainless steel	0.20	33.4	89	25	3	3000	12	685	●

Prod. Gr. 6CN

ATORN® ATORN Helituf holder

Application:

For ideal mounting in chucks or extending the total length.

brush).

Technical data:

- L: 90 mm
- Number of pieces per packet: 1

Notes:

The holders can be used either individually or screwed together up to 225 mm total length (incl.



Ident. No. 501



Ident. No. 502

Shaft Ø (mm)	5	6
76087...	501	502
Ident. No.	●	●

Prod. Gr. 6CN

ATORN® ATORN Helituf internal cleaning brushes set 14 pieces

Application:

Helituf® internal cleaning brushes are ideal for cleaning threaded holes, brushing edges and elongated slots such as keyways.

- 1 x holder Ø5 x 90mm
- 1 x holder Ø6 x 90mm
- in tool roll

Delivery:

1 internal cleaning brush of each size (Ø mm):
10 / 11 / 13 / 14 / 16 / 18 / 19 / 21 / 22 / 24 / 25 / 29

Technical data:

- Number of pieces per packet: 14

76087...

Ident. No.

500

Prod. Gr. 6CN

LESSMANN® Micro-abrasive pipe brushes with sanding bristles

For use on electronic drills

Application:

Particularly suitable for deburring bores, horizontal bore holes or O-ring inserts in complex workpieces, as well as for polishing and cleaning nozzles and small holes.

Execution:

- Internal cleaning brushes with galvanised twisted wire and a basic spiral of bristles:
- - aluminium oxide (AO) sanding bristles: For finishing soft metals, for polishing and smoothing and for processing aluminium during smoothing or polishing.
- - Sanding bristles made of silicon carbide (SiC): for optimum deburring results, for surface repair/processing and especially for processing aluminium and stainless steel.

- Aluminium oxide (AO) sanding bristles are suitable for finishing soft metals, for polishing and smoothing, and for processing aluminium during smoothing or polishing.
- Sanding bristles made of silicon carbide (SiC) are suitable for optimum deburring results, for surface repair/processing and especially for processing aluminium and stainless steel

Advantage:

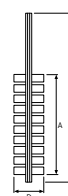
- Can be used flexibly as a conventional internal cleaning brush due to sanding bristles

Notes:

When using the brushes on a machine, always observe the specified max. rotation speed (max. RPM)



Ident. No. 000-030



Grid size	Wire Ø (mm)	D (mm)	L (mm)	A (mm)	Shaft Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76099... Ident. No.	
AO 600	0.30	3.2	125	25	1.5	800	10	000	●
AO 600	0.30	4.2	125	25	2.2	1000	10	005	●
AO 600	0.30	4.8	125	25	2.2	1000	10	010	●
AO 600	0.30	5.5	125	25	2.2	1000	10	015	●
AO 600	0.30	6.6	125	25	2.5	1000	10	020	●
AO 600	0.30	8.2	125	25	3.2	2000	10	025	●
AO 600	0.30	9.8	125	25	3.2	2000	10	030	●
SiC 120	0.60	10	125	65	3.7	2000	10	035	●
SiC 120	0.60	13	125	65	3.7	2000	10	040	●
SiC 120	0.60	16	125	65	5.2	2000	10	045	●
SiC 120	0.60	19	125	65	5.2	2000	10	050	●
SiC 120	0.60	25	125	65	5.7	2000	10	055	●

Prod. Gr. 6CL

LESSMANN® Micro abrasive tube brushes with steel wire trim

Shaft diameter 3.8 mm, for manual use or use on electronic drills

Application:

Used as thread brushes for descaling, deburring or cleaning e. g. transverse intersections, drilling overlaps, threaded drill holes or grooves. For polishing and cleaning nozzles and small holes

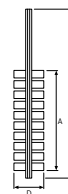
and are used as thread brushes for descaling, deburring or cleaning e.g. transverse intersections, drilling overlaps, threaded drill holes or grooves. The brushes can be used either manually or with a machine.

Execution:

- Micro pipe brushes (IBH) with steel wire are internal cleaning brushes with steel wire bristles,

Notes:

When using the brushes on a machine, always observe the specified max. rotation speed (max. RPM)



Wire Ø (mm)	D (mm)	L (mm)	A (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76099... Ident. No.	
0.12	10	90	25	3500	10	100	●
0.12	13	90	25	3500	10	105	●
0.12	16	90	25	3000	10	110	●
0.20	19	90	25	3000	10	114	●
0.20	25	90	25	3000	10	120	●

Prod. Gr. 6CL



Advantages of 3M Scotch-Brite™ Bristle products

Bristle products are flexible, high-performance brushes impregnated with **ceramic Cubitron abrasive grains**. They have exceptionally long service lives. They are especially suited to cleaning, deburring and paint stripping.

Thanks to their unique **cast-in-one-piece** design, individual components cannot work loose during application as can happen when using wire brushes. This **improves occupational safety**. Furthermore, **Scotch-Brite Bristle products do not clog**, which ensures **consistent performance** throughout their service life. Thanks to their high level of flexibility, Bristle products adapt to the shapes and contours of workpieces. This enables you to produce a **uniform finish**, even on very profiled surfaces.



3M Scotch-Brite™ BD-ZB bristle disc for angle grinders

Specially designed for planar surfaces

Application:

Ident. No. 010: For rust removal, paint removal, removing adhesive residues or other surface contaminants. Specially designed for flat surfaces. Can be used on angle grinders without accessories.

Ident. No. 021–031: for rust removal, paint removal, removing adhesive residues or other surface contaminants. specially designed for flat surfaces. can be used on angle grinders without accessories.

Advantage:

- **Ident. No. 010:**
 - Works without contact pressure with a very long service life

- Integrated M14 thread makes additional accessories unnecessary
- **Ident. No. 021–031:**
 - works without contact pressure with a very long service life
 - integrated M14 thread makes additional accessories unnecessary

Technical data:

- Head diameter: 115 mm
- Length of bristles: 19 mm
- Max. rotation speed: 12200 U/min(rpm)
- Suitable for machine chuck: M14
- Material of abrasive medium: Ceramic core Cubitron



Ident. No. 010



Ident. No. 021



Ident. No. 031

Grid size	50	80	120
Colour	Green	Yellow	White
Number of pieces per packet (PCS)	1	-	-
76098...	Ident. No. 010	Ident. No. 021	Ident. No. 031

Prod. Gr. 6DM

3M Scotch-Brite™ BB-ZB radial bristle grinding brush, type C

Specially designed for highly contoured surfaces

Application:

For cleaning, removing paint, deburring and blending on virtually all materials. Specially designed for highly contoured surfaces. For use on robotic machines, sanding blocks, straight grinders or on flexible shafts.

Execution:

- 8 separable individual segments, flange with 4 reducers from 25.4 to 13 mm

Advantage:

- With curved bristles, ideal for working on profiled surfaces

Notes:

For use only with clamping mandrel no. 76098 001

Technical data:

- Head diameter: 150 mm
- Length of bristles: 38 mm
- Max. rotation speed: 6000 U/min(rpm)
- Material of abrasive medium: Ceramic core Cubitron
- Number of pieces per packet: 1 PCS



Ident. No. 080



Ident. No. 090

Grid size	80	220	Colour	Yellow	Red	76098... Ident. No.	080	090
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Prod. Gr. 6DM

3M Scotch-Brite™ BB-ZS radial bristle grinding brush, type C, with shaft

Specially designed for highly contoured surfaces

Application:

For cleaning, removing paint, deburring and blending on virtually all materials. Specially designed for highly contoured surfaces. For use on straight grinders or flexible shafts

Execution:

- 6 segments cast with a 6-mm shank

Advantage:

- With curved bristles, ideal for working on profiled surfaces

- Can be used immediately without any further accessories

Technical data:

- Head diameter: 75 mm
- Length of bristles: 25 mm
- Max. rotation speed: 15000 U/min(rpm)
- Suitable for machine chuck: Shank 6 mm
- Material of abrasive medium: Ceramic core Cubitron
- Number of pieces per packet: 1 PCS



Ident. No. 110



Ident. No. 120

Grid size		80	120	220
Colour		Yellow	White	Red
76098...	Ident. No.	110	120	130
		●	●	●

Prod. Gr. 6DM

3M Scotch-Brite™ MN-AC clamping mandrel

For bristle brushes and Scotch-Brite™ coarse cleaning discs

Application:

For clamping radial bristle brushes BB-ZB type C, in diameters 150 mm, 193 mm and 200 mm and Scotch-Brite™ coarse cleaning discs XT-DC, CG-DC and BF-DC (see no. 760985 210-260).

Technical data:

- Suitable for inner diameter: 12.7 mm
- Number of pieces per packet: 1 PCS



Shaft Ø (mm)	6	8
Max. clamping width (mm)	19.0	25.4
76098...	Ident. No.	001
		●

Prod. Gr. 6DM

Scotch-Brite™ non-woven products

Fineness comparison

Compared with FEPA grain sizes.

Finish comparison (purely optical comparison) with FEPA grain sizes

50	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000
Extra coarse															
Coarse SD	Coarse HD														
		Coarse													
					Medium										
								Fine							
									Very fine						
										Super fine					
											Ultra fine				
														Extra fine	

3M Scotch-Brite™ high-performance coarse cleaning discs – extra coarse

Fibre fleece discs with shaft attachment, for use on straight grinders and flexible shafts

Application:

Particularly suited for cleaning before and after welding in metalworking as well as removing rust and other coatings in the workshop or industrial manufacturing. For use on straight grinders or flexible shafts with clamping mandrel no. 76098 001 and 002.

Execution:

- Flexible fibre fleece with resin-bonded abrasive, for universal cleaning tasks

Advantage:

- Metallically pure surface
- Open structure, disc does not clog

Technical data:

- Type description: CG-DC
- Colour: Blue
- Bore diameter: 13.00 mm
- Number of pieces per packet: 2 PCS



Washer Ø (mm)	Max. rotation speed (U/min(rpm))	76098...	Ident. No.
100	6000	250	●
150	4000	260	●

Prod. Gr. 6DM

3M Scotch-Brite™ high-performance coarse cleaning discs – extra coarse

Fibre fleece discs with fibre underlay, for use on angle grinders

Application:

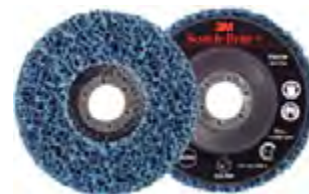
Ideally suited for cleaning heavy surface soiling and surface coatings or for removing varnish.

Execution:

- Flexible fibre fleece with resin-bonded abrasive, for universal cleaning tasks

Advantage:

- Strengthened backing for processing surfaces without the use of a support plate
- Open structure, disc does not clog
- Free of corrosive metals
- Does not loosen individual parts



Type description	Colour	Washer Ø (mm)	Bore Ø (mm)	Max. rotation speed (U/min(rpm))	Number of pieces per packet (PCS)	76098... Ident. No.
CG-RD	Blue	115	22.23	11000	10	220 ●

Prod. Gr. 6DM

POLICLEAN® cleaning discs

Shaft diameter 6 mm, shaft length 40 mm

Application:

For cleaning weld seams and surfaces of different structures, and for removing discolouration, rust, corrosion residues and soiling, especially on stainless steel (INOX).

Execution:

- Coarse, abrasive cleaning fleece
- Made of a special combination of synthetic fibres and abrasive grain

Advantage:

- The flexible structure adapts to the surface and workpiece contours
- The open structure prevents clogging and ensures cool grinding
- Material machining without corroding residues on the workpiece surface

Technical data:

- Number of pieces per packet: 5 PCS



Max. rotation speed (U/min(rpm))	15000	10000	7500
76046... Ident. No.	015 ●	025 ●	030 ●

Prod. Gr. 6AB

ATORN® ATORN disc brushes

with dense sanding bristle trim (full trim) fully encapsulated in the plastic disc

Application:

On CNC machining centres and with the use of robots, preferably in wet sanding with coolant. Machining flat components: precise deburring, edge rounding, fine machining after milling, surface finishing of e.g. sealing and contact surfaces.

Execution:

- With longitudinal slot for clamping on face mill arbors (DIN 6357) and combi mill arbors (DIN 6358) – no additional accessories required
- Disc brushes with dense sanding bristle trim (full trim) fully encapsulated in the plastic disc
- 4 x higher trim density produced than in conventional process (stamped)

Advantage:

- Post-machining directly after the cutting process – without changing the geometry of the workpiece
- Continuously released abrasive grain ensures reproducible results
- Very high dimensional stability and accuracy
- Controllable wear properties to end of tool life – no bristle breakage
- Ideally suited for the machining of aluminium

Notes:

Other designs available on request

Technical data:

- Filling length: 35 mm



Ident. No. 510–595



Ident. No. 610–695

Brush Ø (mm)	Bore Ø (mm)	Edging material	Grid size	Min./max. rotation speed	Min./max. feed speed	76098... Ident. No.
50	16	Ceramic grain	80	2200-2500 U/min(rpm)	2000-4500 mm/min	510 ●
50	16	Ceramic grain	120	2200-2500 U/min(rpm)	2000-4500 mm/min	515 ●
76	22	Ceramic grain	80	1900-2300 U/min(rpm)	2500-5000 mm/min	530 ●
76	22	Ceramic grain	120	1900-2300 U/min(rpm)	2500-5000 mm/min	535 ●
106	22	Ceramic grain	80	1400-1700 U/min(rpm)	3000-5500 mm/min	550 ●
106	22	Ceramic grain	120	1400-1700 U/min(rpm)	3000-5500 mm/min	555 ●
125	27	Ceramic grain	80	1100-1400 U/min(rpm)	3500-6500 mm/min	570 ●
125	27	Ceramic grain	120	1100-1400 U/min(rpm)	3500-6500 mm/min	575 ●
150	32	Ceramic grain	80	1000-1200 U/min(rpm)	4500-8000 mm/min	590 ●
150	32	Ceramic grain	120	1000-1200 U/min(rpm)	4500-8000 mm/min	595 ●
50	16	Silicon carbide	80	2200-2500 U/min(rpm)	2000-4500 mm/min	610 ●
50	16	Silicon carbide	120	2200-2500 U/min(rpm)	2000-4500 mm/min	613 ●