

Information

SBZY, Abrasive Bands, cylindrical

LUKAS offers a wide selection of abrasive bands and the corresponding mandrel. They are available in numerous dimensions and qualities. Abrasive bands are manufactured from coated abrasive material which is spirally wound onto a cloth backing. They are mounted onto the appropriate mandrel and used on hand-held machines (straight grinders or with flexible shafts).

Examples of application:

- preparation work
- light deburring
- polishing
- surface and profile grinding
- fettling

STZY, Mandrels for cylindrical shape

Our mandrels serve exclusively as the means of mounting the cylindrical abrasive bands. Due to the special slots in the mandrel, the abrasive band is firmly secured to the mandrel by the increasing spindle speed.

SBKE, Abrasive Bands, conical

Conical shaped abrasive bands are in principle identical to the cylindrical type with regards to the construction and application. The large taper allows the grinding of difficult-to-access areas of the workpiece.

STKE, Mandrels for conical shape

Our mandrels serve exclusively as the means of mounting the conical abrasive bands. Due to the special slots in the mandrel, the abrasive band is firmly secured to the mandrel by the increasing spindle speed.

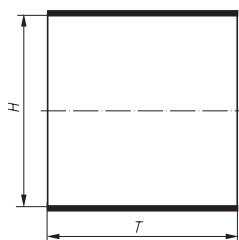
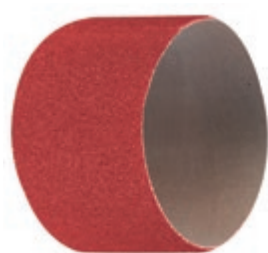
SBZY, Abrasive Bands, cylindrical unlined

These particularly flexible abrasive bands are manufactured from abrasive cloth. They are used on hand-held machines (straight grinders or with flexible shaft) and are mounted onto the appropriate mandrel.

STWS, Mounting device for grinding rolls

These mandrels are produced in a specially soft quality; the 19 mm bore with the four keyways mounted with the abrasive band are used on surface conditioning machines.

SBZY, Abrasive Bands, cylindrical shape, Ceramic



Ordering example: A240603030040

Ceramic = Abrasive cloth ceramic grain



n_{max} : please refer to band mandrels on page 285

Further dimensions and grit sizes on request.

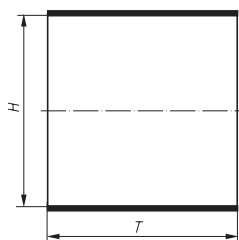


PG 14

Product number	Description	Grit	H mm	T mm	recommended for Information on page 438									
A240603030040	SBZY 03030	Ceramic 40	30	30	1	2	3	4	5	7			■	50
A240603030060	SBZY 03030	Ceramic 60	30	30	1	2	3	4	5	7			■	50
A240604530040	SBZY 04530	Ceramic 40	45	30	1	2	3	4	5	7			■	50
A240604530060	SBZY 04530	Ceramic 60	45	30	1	2	3	4	5	7			■	50
A240604530080	SBZY 04530	Ceramic 80	45	30	1	2	3	4	5	7			■	50
A240606030040	SBZY 06030	Ceramic 40	60	30	1	2	3	4	5	7			■	25
A240606030060	SBZY 06030	Ceramic 60	60	30	1	2	3	4	5	7			■	25

Grinding, Polishing (flexible)

SBZY, Abrasive Bands, cylindrical shape, Z Power



Ordering example: A241203030036

Z Power = zirconia alum. oxide
POWER



n_{max}: please refer to band
mandrels on page 285

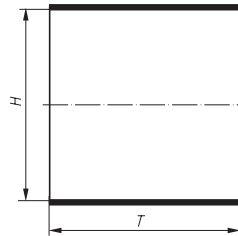
Further dimensions and grit sizes on
request.



PG 14

Product number	Description	Grit	H mm	T mm	recommended for							■	Information on page 438	📦
					2	3	4	5	7					
A241203030036	SBZY 03030	Z Power 36	30	30	2	3	4	5	7				■	50
A241203030050	SBZY 03030	Z Power 50	30	30	2	3	4	5	7				■	50
A241203030060	SBZY 03030	Z Power 60	30	30	2	3	4	5	7				■	50
A241203030080	SBZY 03030	Z Power 80	30	30	2	3	4	5	7				■	50
A241204530036	SBZY 04530	Z Power 36	45	30	2	3	4	5	7				■	50
A241204530050	SBZY 04530	Z Power 50	45	30	2	3	4	5	7				■	50
A241204530060	SBZY 04530	Z Power 60	45	30	2	3	4	5	7				■	50
A241204530080	SBZY 04530	Z Power 80	45	30	2	3	4	5	7				■	50
A241206030036	SBZY 06030	Z Power 36	60	30	2	3	4	5	7				■	25
A241206030050	SBZY 06030	Z Power 50	60	30	2	3	4	5	7				■	25
A241206030060	SBZY 06030	Z Power 60	60	30	2	3	4	5	7				■	25
A241206030080	SBZY 06030	Z Power 80	60	30	2	3	4	5	7				■	25

Grinding, Polishing
(flexible)

SBZY, Abrasive Bands, cylindrical shape, Zirconia Aluminium Oxide


Ordering example: A240201325050

K = Abrasive cloth with Zirconia Alum. Oxide


 n_{max} : please refer to band mandrels on page 285

Further dimensions and grit sizes on request..

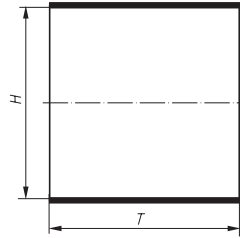

PG 14

Product number	Description	Grit	H mm	T mm	recommended for Information on page 438								
A240201325050	SBZY 01325	ZK 50	13	25	1	2	3	4	5	7		■	50
A240201325080	SBZY 01325	ZK 80	13	25	1	2	3	4	5	7		■	50
A240201530050	SBZY 01530	ZK 50	15	30	1	2	3	4	5	7		■	50
A240201530060	SBZY 01530	ZK 60	15	30	1	2	3	4	5	7		■	50
A240201530080	SBZY 01530	ZK 80	15	30	1	2	3	4	5	7		■	50
A240201925036	SBZY 01925	ZK 36	19	25	1	2	3	4	5	7		■	50
A240201925050	SBZY 01925	ZK 50	19	25	1	2	3	4	5	7		■	50
A240201925080	SBZY 01925	ZK 80	19	25	1	2	3	4	5	7		■	50
A240202220036	SBZY 02220	ZK 36	22	20	1	2	3	4	5	7		■	50
A240202220050	SBZY 02220	ZK 50	22	20	1	2	3	4	5	7		■	50
A240202220060	SBZY 02220	ZK 60	22	20	1	2	3	4	5	7		■	50
A240202525036	SBZY 02525	ZK 36	25	25	1	2	3	4	5	7		■	50
A240202525050	SBZY 02525	ZK 50	25	25	1	2	3	4	5	7		■	50
A240202525080	SBZY 02525	ZK 80	25	25	1	2	3	4	5	7		■	50
A240203030036	SBZY 03030	ZK 36	30	30	1	2	3	4	5	7		■	50
A240203030050	SBZY 03030	ZK 50	30	30	1	2	3	4	5	7		■	50
A240203030060	SBZY 03030	ZK 60	30	30	1	2	3	4	5	7		■	50
A240203030080	SBZY 03030	ZK 80	30	30	1	2	3	4	5	7		■	50
A240203825036	SBZY 03825	ZK 36	38	25	1	2	3	4	5	7		■	50
A240203825050	SBZY 03825	ZK 50	38	25	1	2	3	4	5	7		■	50
A240203825080	SBZY 03825	ZK 80	38	25	1	2	3	4	5	7		■	50
A240204530036	SBZY 04530	ZK 36	45	30	1	2	3	4	5	7		■	50
A240204530050	SBZY 04530	ZK 50	45	30	1	2	3	4	5	7		■	50
A240204530060	SBZY 04530	ZK 60	45	30	1	2	3	4	5	7		■	50
A240204530080	SBZY 04530	ZK 80	45	30	1	2	3	4	5	7		■	50
A240205125036	SBZY 05125	ZK 36	51	25	1	2	3	4	5	7		■	50
A240205125050	SBZY 05125	ZK 50	51	25	1	2	3	4	5	7		■	50
A240205125080	SBZY 05125	ZK 80	51	25	1	2	3	4	5	7		■	50
A240206030036	SBZY 06030	ZK 36	60	30	1	2	3	4	5	7		■	50
A240206030050	SBZY 06030	ZK 50	60	30	1	2	3	4	5	7		■	50
A240206030060	SBZY 06030	ZK 60	60	30	1	2	3	4	5	7		■	50
A240206030080	SBZY 06030	ZK 80	60	30	1	2	3	4	5	7		■	50

 Grinding, Polishing
(flexible)

SBZY, Abrasive Bands, cylindrical shape, reg. Aluminium Oxide

★★☆



Ordering example: A240000810150

NK = reg. Aluminium Oxide

n_{max}: please refer to band mandrels on page 285

Further dimensions and grit sizes on request.

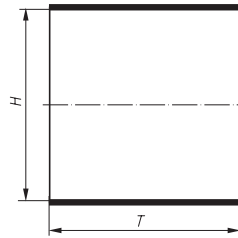


PG 14

Grinding, Polishing (flexible)

Product number	Description	Grit	H mm	T mm	recommended for Information on page 438		
A240000810150	SBZY 00810	NK 150	8	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001010080	SBZY 01010	NK 80	10	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001010150	SBZY 01010	NK 150	10	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001010240	SBZY 01010	NK 240	10	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001010320	SBZY 01010	NK 320	10	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001020080	SBZY 01020	NK 80	10	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001020150	SBZY 01020	NK 150	10	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001020240	SBZY 01020	NK 240	10	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001020320	SBZY 01020	NK 320	10	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001210080	SBZY 01210	NK 80	12	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001210150	SBZY 01210	NK 150	12	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001210240	SBZY 01210	NK 240	12	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001213080	SBZY 01213	NK 80	12	13	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001213120	SBZY 01213	NK 120	12	13	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001213240	SBZY 01213	NK 240	12	13	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001225080	SBZY 01225	NK 80	12	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001225150	SBZY 01225	NK 150	12	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001225240	SBZY 01225	NK 240	12	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001225320	SBZY 01225	NK 320	12	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001250080	SBZY 01250	NK 80	12	50	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001310080	SBZY 01310	NK 80	13	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001310150	SBZY 01310	NK 150	13	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001325080	SBZY 01325	NK 80	13	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001325150	SBZY 01325	NK 150	13	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001510060	SBZY 01510	NK 60	15	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001510080	SBZY 01510	NK 80	15	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001510150	SBZY 01510	NK 150	15	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001510240	SBZY 01510	NK 240	15	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001510320	SBZY 01510	NK 320	15	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001530040	SBZY 01530	NK 40	15	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001530050	SBZY 01530	NK 50	15	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001530060	SBZY 01530	NK 60	15	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001530080	SBZY 01530	NK 80	15	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001530120	SBZY 01530	NK 120	15	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001530150	SBZY 01530	NK 150	15	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001530240	SBZY 01530	NK 240	15	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001530320	SBZY 01530	NK 320	15	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50

SBZY, Abrasive Bands, cylindrical shape, reg. Aluminium Oxide



Ordering example: A240000810150

NK = reg. Aluminium Oxide

n_{max.}: please refer to band mandrels on page 285

Further dimensions and grit sizes on request.



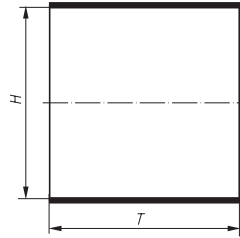
PG 14

Product number	Description	Grit	H mm	T mm	recommended for Information on page 438		
A240001550050	SBZY 01550	NK 50	15	50	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001925050	SBZY 01925	NK 50	19	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001925060	SBZY 01925	NK 60	19	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001925080	SBZY 01925	NK 80	19	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240001925150	SBZY 01925	NK 150	19	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002210150	SBZY 02210	NK 150	22	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002210240	SBZY 02210	NK 240	22	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002210320	SBZY 02210	NK 320	22	10	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002220050	SBZY 02220	NK 50	22	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002220060	SBZY 02220	NK 60	22	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002220080	SBZY 02220	NK 80	22	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002220150	SBZY 02220	NK 150	22	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002220240	SBZY 02220	NK 240	22	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002220320	SBZY 02220	NK 320	22	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002250050	SBZY 02250	NK 50	22	50	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002525040	SBZY 02525	NK 40	25	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002525050	SBZY 02525	NK 50	25	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002525060	SBZY 02525	NK 60	25	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002525080	SBZY 02525	NK 80	25	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240002525150	SBZY 02525	NK 150	25	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003020040	SBZY 03020	NK 40	30	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003020050	SBZY 03020	NK 50	30	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003020060	SBZY 03020	NK 60	30	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003020080	SBZY 03020	NK 80	30	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003020150	SBZY 03020	NK 150	30	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003020240	SBZY 03020	NK 240	30	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003030040	SBZY 03030	NK 40	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003030050	SBZY 03030	NK 50	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003030060	SBZY 03030	NK 60	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003030080	SBZY 03030	NK 80	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003030150	SBZY 03030	NK 150	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003030240	SBZY 03030	NK 240	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003030320	SBZY 03030	NK 320	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003825040	SBZY 03825	NK 40	38	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003825050	SBZY 03825	NK 50	38	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003825060	SBZY 03825	NK 60	38	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240003825080	SBZY 03825	NK 80	38	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50

Grinding, Polishing
(flexible)

SBZY, Abrasive Bands, cylindrical shape, reg. Aluminium Oxide

★★☆



Ordering example: A240000810150

NK = reg. Aluminium Oxide

n_{max}: please refer to band mandrels on page 285

Further dimensions and grit sizes on request.



PG 14

Grinding, Polishing
(flexible)

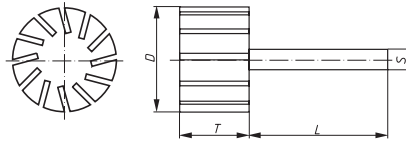
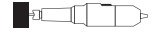
Product number	Description	Grit	H mm	T mm	recommended for Information on page 438		
A240003825150	SBZY 03825	NK 150	38	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240004530040	SBZY 04530	NK 40	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240004530050	SBZY 04530	NK 50	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240004530060	SBZY 04530	NK 60	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240004530080	SBZY 04530	NK 80	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240004530150	SBZY 04530	NK 150	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240004530240	SBZY 04530	NK 240	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240004530320	SBZY 04530	NK 320	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240005125040	SBZY 05125	NK 40	51	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240005125050	SBZY 05125	NK 50	51	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240005125060	SBZY 05125	NK 60	51	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240005125080	SBZY 05125	NK 80	51	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240005125150	SBZY 05125	NK 150	51	25	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240006030040	SBZY 06030	NK 40	60	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240006030050	SBZY 06030	NK 50	60	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240006030060	SBZY 06030	NK 60	60	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240006030080	SBZY 06030	NK 80	60	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240006030150	SBZY 06030	NK 150	60	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240007530040	SBZY 07530	NK 40	75	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240007530050	SBZY 07530	NK 50	75	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240007530060	SBZY 07530	NK 60	75	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240007530080	SBZY 07530	NK 80	75	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240007530150	SBZY 07530	NK 150	75	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A240010040040	SBZY 10040	NK 40	100	40	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25
A240010040050	SBZY 10040	NK 50	100	40	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25
A240010040060	SBZY 10040	NK 60	100	40	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25
A240010040080	SBZY 10040	NK 80	100	40	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25
A240010040150	SBZY 10040	NK 150	100	40	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25

STZY, Mandrels cylindrical shape



Ordering example: A2500010103

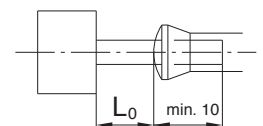
Further dimensions on request.



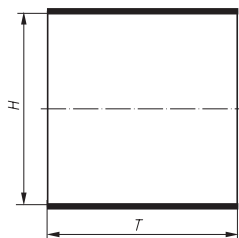
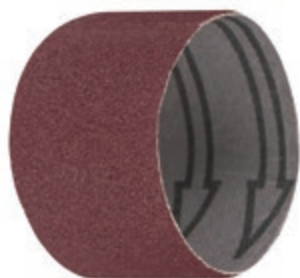
PG 14

Product number	Description	Type	D mm	T mm	S mm	L mm	n max (1/min)	recommended for Information on page 438		
A2501008103	STZY 00810.03	soft	8	10	3	40	47.500			■ 5
A2500010103	STZY 01010.03	hard	10	10	3	25	54.000			■ 5
A2500010106	STZY 01010.06	hard	10	10	6	40	57.000			■ 5
A2500010206	STZY 01020.06	hard	10	20	6	40	57.000			■ 5
A2500012106	STZY 01210.06	hard	12	10	6	40	46.500			■ 5
A2500012132	STZY 01213.02	hard	12	13	2,35	40	26.000			■ 5
A2500012256	STZY 01225.06	hard	12	25	6	40	46.500			■ 5
A2501012256	STZY 01225.06	soft	12	25	6	40	31.500			■ 5
A2500012506	STZY 01250.06	hard	12	50	6	40	31.500			■ 5
A2500013106	STZY 01310.06	hard	13	10	6	40	44.000			■ 5
A2500013256	STZY 01325.06	hard	13	25	6	40	44.000			■ 5
A2500015106	STZY 01510.06	hard	15	10	6	40	38.000			■ 5
A2500015306	STZY 01530.06	hard	15	30	6	40	38.000			■ 5
A2501015306	STZY 01530.06	soft	15	30	6	40	25.000			■ 5
A2500015506	STZY 01550.06	hard	15	50	6	40	25.000			■ 5
A2500019256	STZY 01925.06	hard	19	25	6	40	30.000			■ 5
A2500022106	STZY 02210.06	hard	22	10	6	40	26.000			■ 5
A2500022206	STZY 02220.06	hard	22	20	6	40	26.000			■ 5
A2501022206	STZY 02220.06	soft	22	20	6	40	17.000			■ 5
A2500022506	STZY 02250.06	hard	22	50	6	40	17.000			■ 5
A2500025256	STZY 02525.06	hard	25	25	6	40	22.500			■ 5
A2500030206	STZY 03020.06	hard	30	20	6	40	19.000			■ 5
A2501030206	STZY 03020.06	soft	30	20	6	40	12.500			■ 5
A2500030306	STZY 03030.06	hard	30	30	6	40	19.000			■ 5
A2501030306	STZY 03030.06	soft	30	30	6	40	12.500			■ 5
A2500038256	STZY 03825.06	hard	38	25	6	40	15.000			■ 5
A25000453060001	STZY 04530.06	hard	45	30	6	40	13.000			■ 5
A25010453060001	STZY 04530.06	soft	45	30	6	40	13.000			■ 5
A2500051256	STZY 05125.06	hard	51	25	6	40	11.200			■ 5
A25000603060001	STZY 06030.06	hard	60	30	6	40	9.500			■ 5
A25010603060001	STZY 06030.06	soft	60	30	6	40	6.500			■ 5
A2500060308	STZY 06030.08	hard	60	30	8	40	9.500			■ 5
A25000753080001	STZY 07530.08	hard	75	30	8	40	6.500			■ 2
A25011004080001	STZY 10040.08	soft	100	40	8	40	4.000			■ 2

The stated maximum operating speed only applies to a maximum overhang L_0 of 20 mm. Other overhang dimensions must be calculated separately.



SBZY, Abrasive Bands, cylindrical, unlined



Ordering example: A300003030080

n_{max} : please refer to band mandrels on page 285 and 286

NK = reg. Aluminium Oxide



PG 14

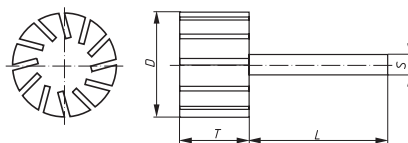
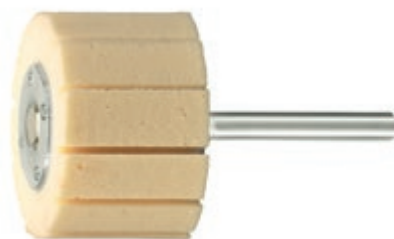
Product number	Description	Grit	H mm	T mm	recommended for Information on page 438		
A300003030080	SBZY 03030	NK 80	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300003030120	SBZY 03030	NK 120	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300003030150	SBZY 03030	NK 150	30	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300004530080	SBZY 04530	NK 80	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300004530120	SBZY 04530	NK 120	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300004530150	SBZY 04530	NK 150	45	30	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50

Characteristics:

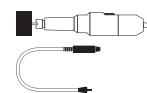
- Particularly flexible

Grinding, Polishing
(flexible)

STZY, Mandrels for cylindrical shape, soft



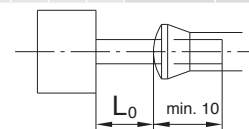
Ordering example: A2502030306



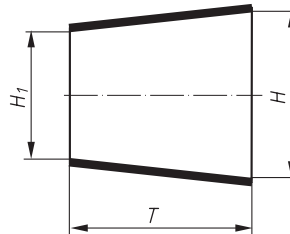
PG 14

Product number	Description	Type	D mm	T mm	S mm	L mm	n max. (1/min)	recommended for Information on page 438		
A2502030306	STZY 03030.06	soft	30	30	6	40	9.500		■	5
A2502045306	STZY 04530.06	soft	45	30	6	40	6.300		■	5
A2502060306	STZY 06030.06	soft	60	30	6	40	4.700		■	5
A2502075308	STZY 07530.08	soft	75	30	8	40	3.800		■	2
A2502100408	STZY 10040.08	soft	100	40	8	40	2.800		■	2

The stated maximum operating speed only applies to a maximum overhang L_0 of 20 mm. Other overhang dimensions must be calculated separately.



SBKE, Abrasive Bands, conical shape



Ordering example: A300002063040

n max.: please refer to band mandrels on page 287

NK = reg. Aluminium Oxide

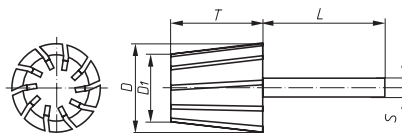


PG 14

Product number	Description	Grit	H mm	T mm	H ₁ mm	recommended for Information on page 438		
A300002063040	SBKE 02063	NK 40	20	63	14	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300002063060	SBKE 02063	NK 60	20	63	14	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300002063080	SBKE 02063	NK 80	20	63	14	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300002063150	SBKE 02063	NK 150	20	63	14	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300002930040	SBKE 02930	NK 40	29	30	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300002930050	SBKE 02930	NK 50	29	30	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300002930060	SBKE 02930	NK 60	29	30	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300002930080	SBKE 02930	NK 80	29	30	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300002930150	SBKE 02930	NK 150	29	30	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300003660040	SBKE 03660	NK 40	36	60	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300003660050	SBKE 03660	NK 50	36	60	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300003660060	SBKE 03660	NK 60	36	60	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300003660080	SBKE 03660	NK 80	36	60	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A300003660150	SBKE 03660	NK 150	36	60	22	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50

Grinding, Polishing
(flexible)

STKE, Mandrels for conical shape



Ordering example: A2500020636

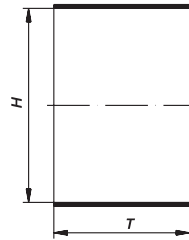


PG 14

Product number	Description	Type	D mm	T mm	S mm	D ₁ mm	L mm	n max. (1/min)	recommended for Information on page 438		
A2500020636	STKE 02063.06	hard	20	63	6	14	40	21.000		■	5
A2500029306	STKE 02930.06	hard	29	30	6	22	40	21.000		■	5
A2500036606	STKE 36/22x60	hard	36	60	6	22	40	13.500		■	5

The stated maximum operating speed only applies to a maximum overhang L₀ of 20 mm. Other overhang dimensions must be calculated separately.

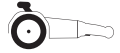
SBZY, Grinding rolls



Ordering example: A2400100100060

n_{max} : please refer to band mandrels on page 288

NK = reg. Aluminium Oxide

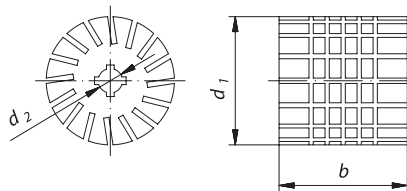


PG 14

Product number	Description	Grit	H mm	T mm	recommended for Information on page 438		
A2400100100060	SBZY 100100	NK 60	100	100	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	6
A2400100100080	SBZY 100100	NK 80	100	100	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	6
A2400100100120	SBZY 100100	NK 120	100	100	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	6
A2400100100150	SBZY 100100	NK 150	100	100	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	6

Grinding, Polishing
(flexible)

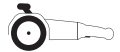
STWS, Mounting device for grinding rolls



Ordering example: A2502100100

The bore \varnothing 19 mm has a keyway of 6 mm.

Machines to suit: Page 382

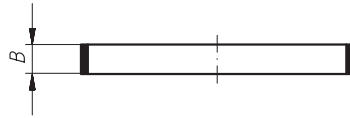


PG 14

Product number	Description	Type	d_1 mm	b mm	Bore d_2 mm	n max. (1/min)	recommended for Information on page 438		
A2502100100	STWS 100100	soft	100	100	19	2.800		■	1

SBL, Linishing belts

★★☆



Ordering example: A3000130305040T01

Used on our pneumatic belt grinder
AMIN 30 BSH

Peripheral speed: 28 m/s

NK = reg. Aluminium Oxide

ZK = Zirconia Alum. Oxide

PG 8

Product number	Description	Grit	B mm	Length mm	Lining	recommended for Information on page 438		
A3000130305040T01	SBLT	ZK 40	13	305	robust-flexible	① ② ③ ④ ⑤ ⑧	■	100
A3000130305060T	SBLT	NK 60	13	305	robust-flexible	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3000130305060T01	SBLT	ZK 60	13	305	robust-flexible	① ② ③ ④ ⑤ ⑧	■	100
A3000130305080T	SBLT	NK 80	13	305	robust-flexible	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3000130305080T01	SBLT	ZK 80	13	305	robust-flexible	① ② ③ ④ ⑤ ⑧	■	100
A3000130305080X	SBLX	NK 80	13	305	robust	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3000130305120T	SBLT	NK 120	13	305	robust-flexible	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100

Grinding, Polishing
(flexible)

Abrasive belt grinder – insulated

★★☆



Ordering example: A3993302113

Length: approx. 325 mm

Height: approx. 86 mm

Weight: approx. 0,90 kg

Drive: vane motor

For more technical specifications see page 370.

PG 15

Product number	Description	Valve	Idle speed min ⁻¹	Power consumption	Air consumption on under load m ³ /min.	Belt peripheral speed m/s	Hose-nominal size mm		
A3993302113	AMIN 30 BSH	Lever	30.000	0,3	0,45	28	6	■	1

Included with the machine: an abrasive belt mounting arm for long belts in dimension 13 x 305 mm, inlet and exhaust air hoses plus silencer, collet for 6 mm, spanner

Extra equipment: collets for Ø 3 mm, 4 mm, 5 mm, 1/8", 3/16", 1/4"

Abrasive belt extensions in various sizes (lengths, widths and roll diameters) available ex stock

Available ex-stock: long belts 13 x 305 mm

Material classification

1 Steels and Cast Steels

Rm up to 800 N/mm²

- common structural steels
- free cutting steels
- case hardened steels
- fine grained structural steels
- extruded steels
- toughened structural steels
- boiler plate
- nitrided steels
- cast steels
- heat treated steels
- heat resistant structural steels

2 Alloyed, Tempered Steels

Rm 800 up to 1200 N/mm²

- case hardened steels
- spring steels
- fine grained structural steels
- nitrided steels
- heat treated steels
- wear resistant steels
- bearing steels

3 Tool Steels

Rm up to 1300 N/mm²

- 60–65 HRC
- high-speed steels
- non-alloyed tool steels
- cold working tool steels
- hot working tool steels

4 Rust, acid and heat resistant Steels and Cast Steels

- austenitic
- ferritic
- ferritic-austenitic
- heat-resistant
- martensitic
- stainless, sulphurized

5 Cast Iron

6 Aluminium, Magnesium and Copper Alloys

- over 300 HB
- 200–300 HB
- up to 200 HB
- over 15% Si
- 10–15% Si
- 0,5–10% Si
- below 0,5% Si

7 Titanium and Nickel Alloys

- Rm 900 up to 1500 N/mm²
- Rm up to 900 N/mm²

8 Plastics, Wood, Rubber

9 Glass/Carbides

10 Stone/Tiles/Gas Cement

11 Concrete/Reinforced Concrete

12 Ceramic/Floor Tiles

13 Marble

14 Granite

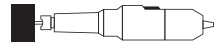
15 Freshly Poured Concrete

16 Asphalt

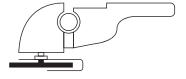
- best suitable
- suitable

- delivery ex-stock
- ▲ delivery on request

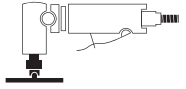
Power tools



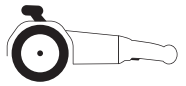
Straight grinder



Free-hand angle grinder



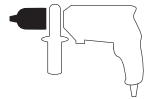
Pneumatic angle grinder



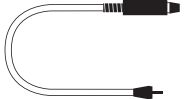
Conditioning machine



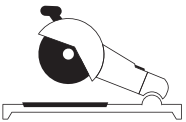
Backstand



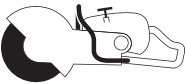
Boring machine



Flexible shaft grinder



Fixed-base cutting machine



Petrol-driven cutting machine

Product Lines

★★★ High Performance

★★☆ Industry

★☆☆ Base

Safety Symbols

(Depending on the product these symbols may vary)



Wear eye protection



Wear hearing protection



Wear a respirator



Read the instructions



Wear gloves



Only permitted with a back-up pad



Not permitted for wet grinding



Not permitted for face grinding



Do not use if damaged



Not permitted for hand-held or manually-guided grinding