

The cylindrical shape ZY is suitable for grinding bores, radii and contours using stationary or handheld equipment.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220**354322**
DZY-A 0.5-2/3 D 64
Please complete the description with the desired grit size.



Description	Grit size				Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Reduced dia. length L ₄ [mm]	Image
	D 64	D 91	D 126	D 181					
EAN 4007220									
Shank dia. 3 mm									
DZY-A 0,5-2/3	354322	-	-	-	0.5 x 2	3	38	5	5
DZY-A 0,8-2/3	354339	-	-	-	0.8 x 2	3	38	5	5
DZY-A 1,0-4/3	354346	257883	257890	-	1.0 x 4	3	36	9	5
DZY-A 1,2-4/3	354353	354360	354377	-	1.2 x 4	3	36	9	5
DZY-A 1,4-4/3	354384	354391	354407	-	1.4 x 4	3	36	9	5
DZY-A 1,6-4/3	-	354421	354438	-	1.6 x 4	3	36	10	5
DZY-A 1,8-4/3	-	354452	354469	-	1.8 x 4	3	36	10	5
DZY-A 2,0-4/3	354476	260784	119181	-	2.0 x 4	3	36	10	5
DZY-A 2,2-4/3	-	354490	354506	-	2.2 x 4	3	36	14	5
DZY-A 2,4-4/3	-	354520	354537	-	2.4 x 4	3	36	14	5
DZY-A 2,6-4/3	-	354551	354568	-	2.6 x 4	3	36	14	5
DZY-A 2,8-4/3	-	354582	354599	-	2.8 x 4	3	36	14	5
DZY-A 3,0-4/3	354605	260821	119204	-	3.0 x 4	3	36	19	5
DZY-N 3,5-5/3	-	260845	119211	-	3.5 x 5	3	45	-	5
DZY-N 4,0-5/3	-	260869	119228	260876	4.0 x 5	3	45	-	5
DZY-N 4,5-5/3	-	260883	119235	-	4.5 x 5	3	45	-	5
DZY-N 5,0-5/3	-	260906	119242	260913	5.0 x 5	3	45	-	5
DZY-N 5,5-6/3	-	257944	257951	257968	5.5 x 6	3	44	-	5
Shank dia. 6 mm									
DZY-A 6,0-6/6	-	260920	119259	260937	6.0 x 6	6	54	19	1
DZY-N 7,0-8/6	-	-	119266	260951	7.0 x 8	6	52	-	1
DZY-N 8,0-8/6	-	260968	119273	260975	8.0 x 8	6	52	-	1
DZY-N 9,0-8/6	-	-	258040	-	9.0 x 8	6	52	-	1
DZY-N 10,0-8/6	-	260982	119280	260999	10.0 x 8	6	52	-	1
DZY-N 12,0-8/6	-	261002	119297	261019	12.0 x 8	6	52	-	1
DZY-N 15,0-10/6	-	-	119303	-	15.0 x 10	6	50	-	1
Shank dia. 10 mm									
DZY-N 15,0-10/10	-	-	355091	-	15.0 x 10	10	110	-	1
Shank dia. 6 mm									
DZY-N 18,0-10/6	-	-	258163	-	18.0 x 10	6	50	-	1
DZY-N 20,0-10/6	-	-	258194	-	20.0 x 10	6	50	-	1
Shank dia. 12 mm									
DZY-N 25,0-10/12	-	-	355138	-	25.0 x 10	12	110	-	1

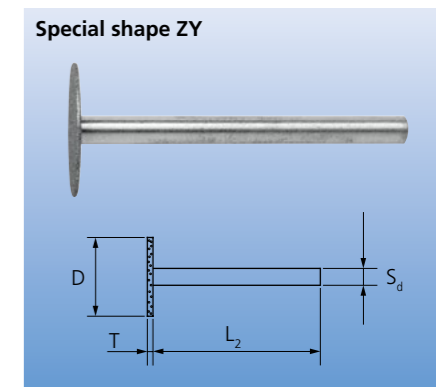
For diamond grinding discs 1A1 for internal grinding, please refer to page 24.



The special shape ZY is suitable for grinding out slots and grooves in hard-to-reach areas.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220**353240**
DZY-N 8.0-0.5/3 D 64
Please complete the description with the desired grit size.

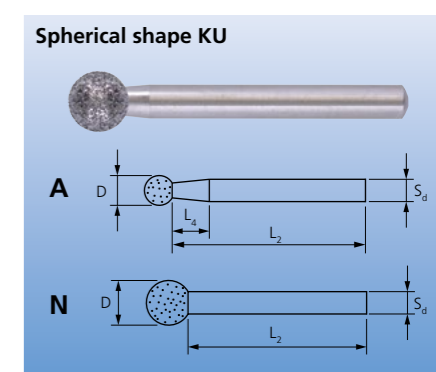


Description	Grit size		Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Image
	D 64	D 91				
EAN 4007220						
Shank dia. 3 mm						
DZY-N 8,0-0,5/3	353240	-	8.0 x 0.5	3	35	1
DZY-N 14,0-0,5/3	353257	-	14.0 x 0.5	3	35	1
DZY-N 14,0-1,0/3	353264	353271	14.0 x 1	3	35	1

Spherical shape KU is often used in manual applications. This shape is well suited for engraving, contour grinding and deburring tasks.

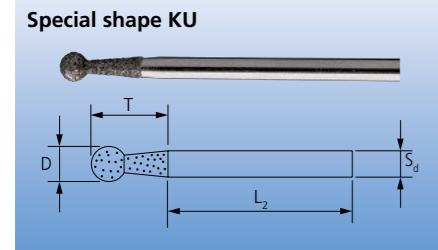
Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220**354926**
DKU-A 1.0/3 D 64
Please complete the description with the desired grit size.



Description	Grit size				Max. dia. [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Reduced dia. length L ₄ [mm]	Image
	D 64	D 91	D 126	D 181					
EAN 4007220									
Shank dia. 3 mm									
DKU-A 1,0/3	354926	258620	258637	258644	1.0	3	44	10	5
DKU-A 2,0/3	354933	258651	258668	258675	2.0	3	43	8	5
DKU-A 3,0/3	354940	258682	258699	258705	3.0	3	42	6	5
DKU-A 4,0/3	-	258712	258729	258736	4.0	3	41	5	5
DKU-A 5,0/3	-	258743	258750	258767	5.0	3	40	2	5
DKU-N 6,0/3	-	258774	258781	258798	6.0	3	39	-	1
Shank dia. 6 mm									
DKU-A 8,0/6	-	-	258842	-	8.0	6	52	10	1
DKU-A 10,0/6	-	-	258903	-	10.0	6	50	5	1
DKU-N 12,0/6	-	-	258965	-	12.0	6	48	-	1





Special shape KU

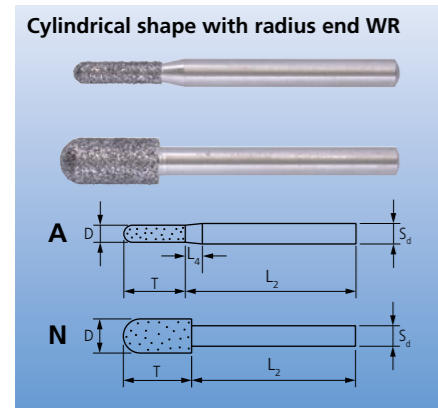
The special shape KU is often used for engraving plastics in manual applications. This shape is also coated with grit under the ball-shaped part of the grinding point on the narrow shank. The special shape of the tool provides optimum results when machining profiles.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220**353844**
DKU 3.0-10/3 D 181



Description	Grit size	EAN 4007220	Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	
Shank dia. 3 mm						
DKU 3,0-10/3	D 181	353844	3.0 x 10	3	40	1
DKU 4,0-10/3	D 181	353868	4.0 x 10	3	40	1



Cylindrical shape with radius end WR

The cylindrical shape with radius end WR is best suited for manual applications and can be used for a wide variety of deburring and grinding tasks. Coarse grit size D 357 is especially well suited for use on fibre-reinforced plastics (GRP/CRP).

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220**955932**
DWR 5.0-18/6 D 126
Please complete the description with the desired grit size.



Description	Grit size		Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Reduced dia. length L ₃ [mm]	
	D 126	D 357					
	EAN 4007220						
Shank dia. 6 mm							
DWR-A 5,0-18/6	955932	353981	5.0 x 18	6	50	5	1
DWR-A 6,0-18/6	955949	353998	6.0 x 18	6	50	5	1
DWR-N 10,0-20/6	955956	354001	10.0 x 20	6	50	-	1



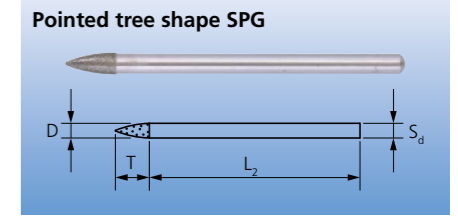
More PFERD tools and tips and tricks for work on plastics can be found in our PRAXIS brochure "PFERD tools for use on plastics". Please contact us.



Pointed tree shape SPG is exceptionally well suited to machining small holes or bores, as well as for engraving work.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220**536421**
DSPG 3.0-7/3 D 126



Pointed tree shape SPG

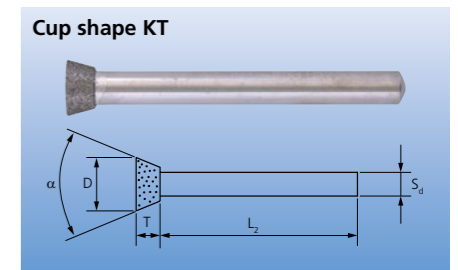
Description	Grit size	EAN 4007220	Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	
Shank dia. 3 mm						
DSPG 3,0-7/3	D 126	536421	3.0 x 7	3	43	1
DSPG 3,0-13/3	D 126	806203	3.0 x 13	3	37	1
Shank dia. 6 mm						
DSPG 6,0-18/6	D 126	955963	6.0 x 18	6	50	1



The cup shape KT is ideal for work on profiles, planar surfaces and ledges, without the cylindrical surface being damaged.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220**354018**
DKT 3.0-8°/3 D 126



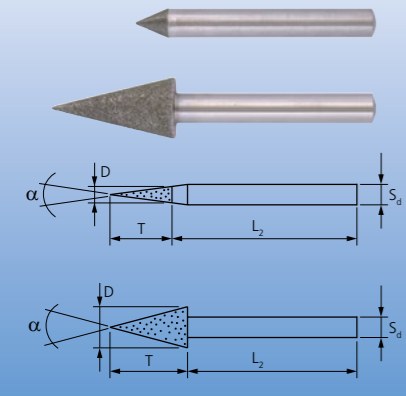
Cup shape KT

Description	Grit size	EAN 4007220	Outer dia. x total width D x T [mm]	Angle α	Shank dia. S _d [mm]	Shank length L ₂ [mm]	
Shank dia. 3 mm							
DKT 3,0-8°/3	D 126	354018	3.0 x 7	8°	3	43	1
Shank dia. 6 mm							
DKT 10,0-30°/6	D 126	354025	10.0 x 5	30°	6	50	1





Conical pointed shape SK



Conical pointed shape SK is exceptionally well suited for deburring bores, regrinding centring holes and for chamfering.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220354049
DSK 6.0-7°/6

Please complete the description with the desired grit size.

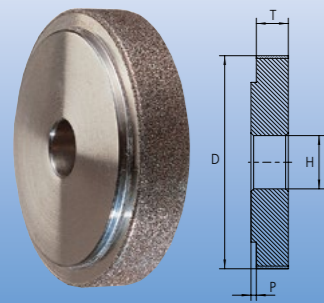
PFERDERGONOMICS®:



Description	Grit size		Outer dia. x total width D x T [mm]	Angle α	Shank dia. S _d [mm]	Shank length L ₂ [mm]	
	D 64	D 126					
	EAN 4007220						
Shank dia. 6 mm							
DSK 6,0-7°/6	354049	955970	6.0 x 45	7°	6	50	1
DSK 6,0-12°/6	354056	955987	6.0 x 26	12°	6	50	1
DSK 6,0-15°/6	354063	955994	6.0 x 21	15°	6	50	1
DSK 6,0-30°/6	354032	354070	6.0 x 11	30°	6	50	1
DSK 6,0-60°/6	393390	956007	6.0 x 5	60°	6	50	1
DSK 10,0-60°/6	806128	806135	10.0 x 9	60°	6	50	1
DSK 10,0-90°/6	806142	806159	10.0 x 5	90°	6	50	1
DSK 15,0-60°/6	806166	806173	15.0 x 13	60°	6	50	1
DSK 15,0-90°/6	806180	806197	15.0 x 7.5	90°	6	50	1

Diamond grinding discs

Grinding discs 1A1

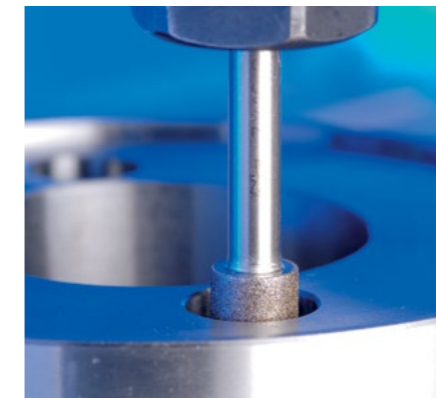


Diamond grinding discs are intended for use on stationary machines. Grinding discs with an outer diameter of more than 18 mm have an additional centring shoulder which allows them to be accurately mounted and aligned on the machine spindle. Combined with a stable mandrel, these tools are ideal for work in deep-set or long bores.

Please refer to page 8 for the recommended cutting speed.

Ordering example:
EAN 4007220665893
D1A1 12-10-8 D 151

Description	Grit size	EAN 4007220	Outer dia. x total width D x T [mm]	Centre hole dia. H [mm]	Width centring shoulder P [mm]	
D1A1 12-10-8	D 151	665893	12.0 x 10	8	-	1
D1A1 14-10-8	D 151	665961	14.0 x 10	8	-	1
D1A1 16-10-8	D 151	665978	16.0 x 10	8	-	1
D1A1 18-10-8	D 151	665992	18.0 x 10	8	2	1
D1A1 20-10-8	D 151	354629	20.0 x 10	8	2	1
D1A1 30-10-10	D 151	354636	30.0 x 10	10	2	1
D1A1 40-10-10	D 151	354643	40.0 x 10	10	2	1
D1A1 50-10-10	D 151	354131	50.0 x 10	10	2	1



The cylindrical shape ZY is suitable for grinding bores, radii and contours using stationary or handheld equipment.

Please refer to page 8 for the recommended cutting speeds.

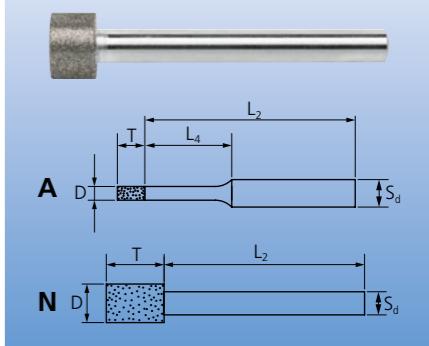
Ordering example:
EAN 4007220354650
BZY-A 0.5-2/3 B 64

Please complete the description with the desired grit size.

PFERDERGONOMICS®:



Cylindrical shape ZY



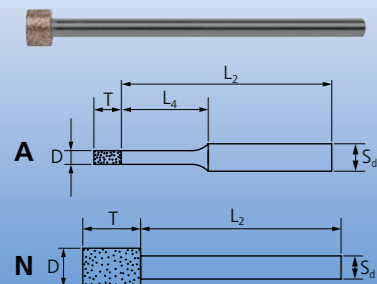
Description	Grit size		Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Reduced dia. length L ₄ [mm]	
	B 64	B 126					
	EAN 4007220						
Shank dia. 3 mm							
BZY-A 0,5-2/3	354650	-	0.5 x 2	3	38	5	5
BZY-A 0,8-2/3	354667	-	0.8 x 2	3	38	5	5
BZY-A 1,0-4/3	354674	258224	1.0 x 4	3	36	9	5
BZY-A 1,2-4/3	354681	354698	1.2 x 4	3	36	9	5
BZY-A 1,4-4/3	-	354711	1.4 x 4	3	36	9	5
BZY-A 1,6-4/3	354728	354735	1.6 x 4	3	36	10	5
BZY-A 1,8-4/3	-	354759	1.8 x 4	3	36	10	5
BZY-A 2,0-4/3	354766	119310	2.0 x 4	3	36	10	5
BZY-A 2,2-4/3	-	354780	2.2 x 4	3	36	14	5
BZY-A 2,4-4/3	354797	354803	2.4 x 4	3	36	14	5
BZY-A 2,6-4/3	354810	354827	2.6 x 4	3	36	14	5
BZY-A 2,8-4/3	-	354841	2.8 x 4	3	36	14	5
BZY-A 3,0-4/3	354858	119334	3.0 x 4	3	36	19	5
BZY-N 3,5-5/3	354865	119341	3.5 x 5	3	45	-	5
BZY-N 4,0-5/3	354872	119358	4.0 x 5	3	45	-	5
BZY-N 4,5-5/3	-	119365	4.5 x 5	3	45	-	5
BZY-N 5,0-5/3	354896	119372	5.0 x 5	3	45	-	5
BZY-N 5,5-6/3	-	258286	5.5 x 6	3	44	-	5
Shank dia. 6 mm							
BZY-A 6,0-6/6	354919	119389	6.0 x 6	6	54	19	1
BZY-N 7,0-8/6	-	119396	7.0 x 8	6	52	-	1
BZY-N 8,0-8/6	-	119402	8.0 x 8	6	52	-	1
BZY-N 9,0-8/6	-	258408	9.0 x 8	6	52	-	1
BZY-N 10,0-8/6	-	119419	10.0 x 8	6	52	-	1
BZY-N 11,0-10/6	-	258439	11.0 x 10	6	50	-	1
BZY-N 12,0-8/6	-	119426	12.0 x 8	6	52	-	1
BZY-N 13,0-10/6	-	258460	13.0 x 10	6	50	-	1
BZY-N 14,0-10/6	-	258491	14.0 x 10	6	50	-	1
BZY-N 15,0-10/6	-	119433	15.0 x 10	6	50	-	1
Shank dia. 10 mm							
BZY-N 15,0-10/10	-	355145	15.0 x 10	10	110	-	1
Shank dia. 6 mm							
BZY-N 18,0-10/6	-	258521	18.0 x 10	6	50	-	1
BZY-N 20,0-10/6	-	258552	20.0 x 10	6	50	-	1

CBN grinding discs 1A1 for internal grinding, see page 28.





Cylindrical points with carbide shank



Cylindrical points with tungsten carbide shank are used for internal grinding on stationary machines.

The elastic modulus of the tungsten carbide shank is approximately three times higher than that of a steel shank. The modulus of elasticity indicates the amount of deformation which a body undergoes as a result of a given load.

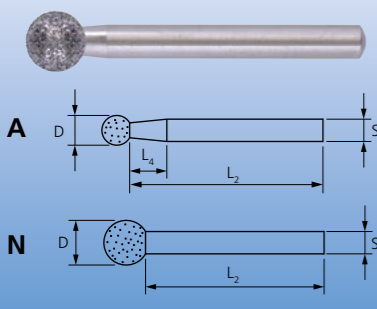
In internal grinding applications, tools with a tungsten carbide shank offer higher stock removal rates, superior surfaces and more precise shape and position tolerances.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220353714
BZY-N 4.0-5/3 HM B 151

Description	Grit size	EAN 4007220	Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Reduced dia. length L ₄ [mm]	Image
Shank dia. 3 mm							
BZY-N 4,0-5/3 HM	B 151	353714	4.0 x 5	3	43	-	1
BZY-N 5,0-5/3 HM	B 151	353721	5.0 x 5	3	43	-	1
Shank dia. 6 mm							
BZY-A 6,0-6/6 HM	B 151	353691	6.0 x 6	6	98	19	1
BZY-N 8,0-8/6 HM	B 151	353738	8.0 x 8	6	98	-	1
BZY-N 12,0-8/6 HM	B 151	956014	12.0 x 8	6	98	-	1

Spherical shape KU



Spherical shape KU grinding points are often used for engraving, contour grinding and deburring tasks.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220354957
BKU-A 1.0/3 B 64
Please complete the description with the desired grit size.

PFERDERGONOMICS®:

Description	Grit size		Max. dia. [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Reduced dia. length L ₄ [mm]	Image
	B 64	B 126					
Shank dia. 3 mm							
BKU-A 1,0/3	354957	258996	1.0	3	44	10	5
BKU-A 2,0/3	354964	259023	2.0	3	43	8	5
BKU-A 3,0/3	354971	259054	3.0	3	42	6	5
BKU-A 4,0/3	-	259085	4.0	3	41	5	5
BKU-A 5,0/3	-	259115	5.0	3	40	2	5
BKU-N 6,0/3	-	259146	6.0	3	39	-	1
Shank dia. 6 mm							
BKU-A 8,0/6	-	259207	8.0	6	52	10	1
BKU-A 10,0/6	-	259269	10.0	6	50	5	1
BKU-N 12,0/6	-	259320	12.0	6	48	-	1

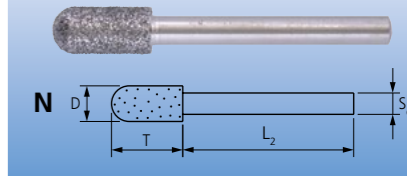
The cylindrical shape with radius end WR is best suited for manual applications and can be used for a wide variety of deburring and grinding work.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220354087
BWR-N 5.0-10/3 B 126

PFERDERGONOMICS®:

Cylindrical shape with radius end WR



Description	Grit size	EAN 4007220	Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Image
Shank dia. 3 mm						
BWR-N 5,0-10/3	B 126	354087	5.0 x 10	3	40	1
BWR-N 6,0-10/3	B 126	354094	6.0 x 10	3	40	1

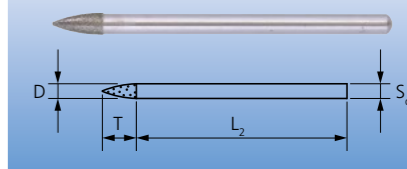
Pointed tree shape SPG is exceptionally well suited for machining small holes or bores as well as for engraving work.

Please refer to page 8 for the recommended cutting speeds.

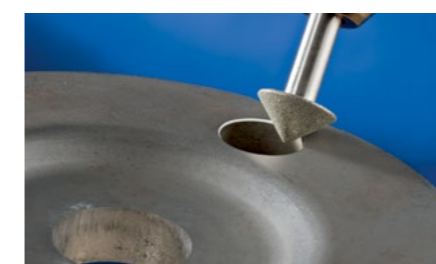
Ordering example:
EAN 4007220354100
BSPG 3.0-7/3 B 126

PFERDERGONOMICS®:

Pointed tree shape SPG



Description	Grit size	EAN 4007220	Outer dia. x total width D x T [mm]	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Image
Shank dia. 3 mm						
BSPG 3,0-7/3	B 126	354100	3.0 x 7	3	43	1
Shank dia. 6 mm						
BSPG 6,0-18/6	B 126	354117	6.0 x 18	6	50	1



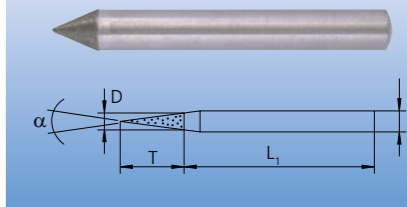
Conical pointed shape SK is exceptionally well suited for deburring bores, regrinding centring holes and chamfering.

Please refer to page 8 for the recommended cutting speeds.

Ordering example:
EAN 4007220393406
BSK 6.0-45°/6 B 64

PFERDERGONOMICS®:

Conical pointed shape SK



Description	Grit size	EAN 4007220	Outer dia. x total width D x T [mm]	Angle α	Shank dia. S _d [mm]	Shank length L ₂ [mm]	Image
Shank dia. 6 mm							
BSK 6,0-45°/6	B 64	393406	6.0 x 7	45°	6	50	1
BSK 6,0-60°/6	B 64	393413	6.0 x 5	60°	6	50	1

