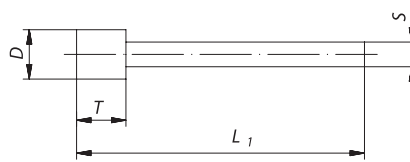
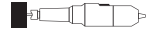


Diamond points cylindrical shape



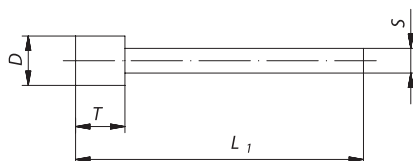
Ordering example: A34013050126



PG 13

Product number	Description	Grit size	D mm	T mm	S mm	L <sub>1</sub> mm	Recommended for Information on page 438											
A34013050126	DS 01003	D 126	1	3	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A34013051126	DS 01503	D 126	1,5	3	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A34013052126	DS 02005	D 126	2	5	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A34013053126	DS 02505	D 126	2,5	5	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A34013054126	DS 03005	D 126	3	5	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A3401305412601	DS 03505	D 126	3,5	5	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A34013055126	DS 04005	D 126	4	5	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A3401305512601	DS 04505	D 126	4,5	5	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A34013056126	DS 05006	D 126	5	6	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A34013057126	DS 06007	D 126	6	7	3	40	①	②	③	④	⑤	⑦	⑨	■	1			
A34013058126	DS 08010	D 126	8	10	6	60	①	②	③	④	⑤	⑦	⑨	■	1			
A34013059126	DS 10010	D 126	10	10	6	60	①	②	③	④	⑤	⑦	⑨	■	1			
A34013060126	DS 12015	D 126	12	15	6	60	①	②	③	④	⑤	⑦	⑨	■	1			

## CBN points, cylindrical shape



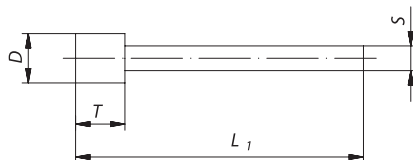
Ordering example: A34033050126



PG 13

Product number	Description	Grit size	D mm	T mm	S mm	L <sub>1</sub> mm	Recommended for										■	1		
							Information on page 438													
A34033050126	CS 01003	B 126	1	3	3	40		③	④						⑧					
A34033051126	CS 01503	B 126	1,5	3	3	40		③	④						⑧					
A34033052126	CS 02005	B 126	2	5	3	40		③	④						⑧					
A34033053126	CS 02505	B 126	2,5	5	3	40		③	④						⑧					
A34033054126	CS 03005	B 126	3	5	3	40		③	④						⑧					
A3403305412601	CS 03505	B 126	3,5	5	3	40		③	④						⑧					
A34033055126	CS 04005	B 126	4	5	3	40		③	④						⑧					
A3403305512601	CS 04505	B 126	4,5	5	3	40		③	④						⑧					
A34033056126	CS 05006	B 126	5	6	3	40		③	④						⑧					
A34033057126	CS 06007	B 126	6	7	3	40		③	④						⑧					
A34033058126	CS 08010	B 126	8	10	6	60		③	④						⑧					
A34033059126	CS 10010	B 126	10	10	6	60		③	④						⑧					
A34033060126	CS 12015	B 126	12	15	6	60		③	④						⑧					

## Diamond points using solid carbide shanks, cylindrical shape



Ordering example: A340202305126

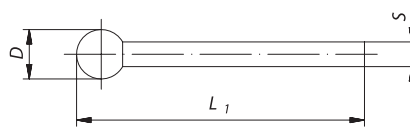
This type in CBN quality available on request.



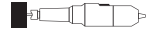
PG 13

Product number	Description	Grit size	D mm	T mm	S mm	L <sub>1</sub> mm	Recommended for										■	1		
							Information on page 438													
A340202305126	DSH 02303	D 126	2,3	3	2	75	①	②	③	④	⑤		⑦		⑨					
A340203303126	DSH 03304	D 126	3,3	4	3	75	①	②	③	④	⑤		⑦		⑨					
A340204305126	DSH 04305	D 126	4,3	5	4	75	①	②	③	④	⑤		⑦		⑨					
A340206307126	DSH 06307	D 126	6,3	7	6	75	①	②	③	④	⑤		⑦		⑨					
A340208310126	DSH 08310	D 126	8,3	10	8	75	①	②	③	④	⑤		⑦		⑨					
A340210310126	DSH 10310	D 126	10,3	10	10	75	①	②	③	④	⑤		⑦		⑨					

CBN points, spherical shape



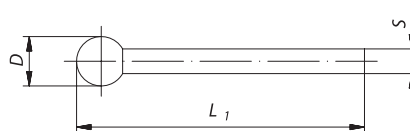
Ordering example: A34013090126



PG 13

Product number	Description	Grit size	D mm	S mm	L <sub>1</sub> mm	Recommended for Information on page 438											
A34013090126	DSK 02020	D 126	2	3	40	①	②	③	④	⑤		⑦		⑨	■	1	
A34013091126	DSK 03030	D 126	3	3	40	①	②	③	④	⑤		⑦		⑨	■	1	
A34013092126	DSK 04040	D 126	4	3	40	①	②	③	④	⑤		⑦		⑨	■	1	
A34013093126	DSK 05050	D 126	5	3	40	①	②	③	④	⑤		⑦		⑨	■	1	
A34013094126	DSK 06060	D 126	6	3	40	①	②	③	④	⑤		⑦		⑨	■	1	
A34013095126	DSK 08080	D 126	8	6	60	①	②	③	④	⑤		⑦		⑨	■	1	

CBN points, spherical shape



Ordering example: A34033090126



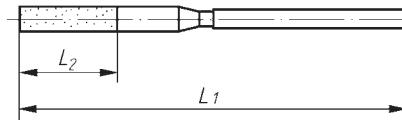
PG 13

Product number	Description	Grit size	D mm	S mm	L <sub>1</sub> mm	Recommended for Information on page 438											
A34033090126	CSK 0202	B 126	2	3	40			③	④					⑧	■	1	
A34033091126	CSK 0303	B 126	3	3	40			③	④					⑧	■	1	
A34033092126	CSK 0404	B 126	4	3	40			③	④					⑧	■	1	
A34033093126	CSK 0505	B 126	5	3	40			③	④					⑧	■	1	
A34033094126	CSK 0606	B 126	6	3	40			③	④					⑧	■	1	
A34033095126	CSK 0808	B 126	8	6	60			③	④					⑧	■	1	

Diamond files for off-hand filing machines



Ordering example: A34003122126



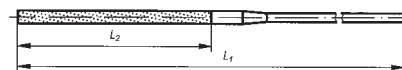
PG 13

Product number	Description	Shape	Shape	Grit size	Cross section mm	L <sub>2</sub> mm	L <sub>1</sub> mm	Recommended for Information on page 438											
A34003122126	DF 3122		flat	D 126	4 x 1	15	50	①	②	③	④	⑤		⑦	⑨	■	1		
A34003130126	DF 3130		round	D 126	4	15	50	①	②	③	④	⑤		⑦	⑨	■	1		

Diamond needle files



Ordering example: A34003140091



PG 13

Product number	Description	Shape	Shape	Grit size	Cross section mm	L <sub>2</sub> mm	L <sub>1</sub> mm	Recommended for Information on page 438											
A34003140091	DF 3140		flat	D 91	5,0 x 1,4	70	140	①	②	③	④	⑤		⑦	⑨	■	1		
A34003140126	DF 3140		flat	D 126	5,0 x 1,4	70	140	①	②	③	④	⑤		⑦	⑨	■	1		
A34003142091	DF 3142		triangular	D 91	3,5 x 3,5	70	140	①	②	③	④	⑤		⑦	⑨	■	1		
A34003142126	DF 3142		triangular	D 126	3,5 x 3,5	70	140	①	②	③	④	⑤		⑦	⑨	■	1		
A34003143126	DF 3143		square	D 126	2,5 x 2,5	70	140	①	②	③	④	⑤		⑦	⑨	■	1		
A34003144126	DF 3144		half-round	D 126	5,2 x 1,9	70	140	①	②	③	④	⑤		⑦	⑨	■	1		
A34003145126	DF 3145		round	D 126	3	70	140	①	②	③	④	⑤		⑦	⑨	■	1		
A34003146126	DF 3146		knife	D 126	5,0 x 1,4	70	140	①	②	③	④	⑤		⑦	⑨	■	1		

## Material classification

### 1 Steels and Cast Steels

Rm up to 800 N/mm<sup>2</sup>

- 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/mm<sup>2</sup>

- 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/mm<sup>2</sup>

- 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/mm<sup>2</sup>
- Rm up to 900 N/mm<sup>2</sup>

### 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

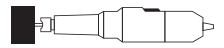
● best suitable

○ suitable

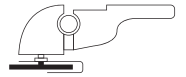
■ delivery ex-stock

▲ delivery on request

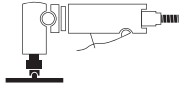
## Power tools



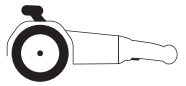
Straight grinder



Free-hand angle grinder



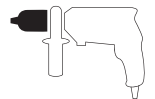
Pneumatic angle grinder



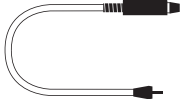
Conditioning machine



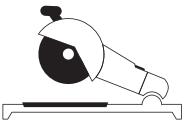
Backstand



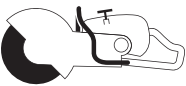
Boring machine



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