

Specification and application P7

LUKAS polishing points, discs and lenses have been especially developed for intricate mechanical and laboratory use. Other applications include model building and jewellery production; such highly regarded tools contain a soft elastomer bond.

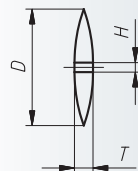
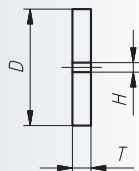
The smallest dimensions in various shapes allow for the fine machining of intricate workpieces and structures.



Industry

Polishing discs and polishing lenses in a soft elastomer bonding

Ordering example: A2950000101007





Packing unit:

100 pcs. per type

Further dimensions and grit sizes on request

$v_{max.}$: 16 m/s

Suitable mounting arbors on request

Description	Quality	Shape	D mm	T mm	H mm	Product-Number	recommended for	
P7- R22 M	SICGR 240		22	3,5	1,8	A2950000101007	1 2 3 4 5 6 7 9	■
P7- L22 M	SICGR 240		22	3,4	1,8	A2950000105007	1 2 3 4 5 6 7 9	■

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

Ⓢ regrind service, please enquire

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



Do not use for freehand cutting