

Shrink discs – Always well connected



Harmony in perfection:

Our shrink discs are ideally adapted to your extremely compact hollow shaft or mounted shaft connection. This means maximum performance of your drive!

The best accessories for the best gearhead in order to achieve full performance.



Your benefits:

- Technically and geometrically matched
- Compact version
- Simple mounting and removal
- Backlash-free, positive connection
- High true-running accuracy
- Two-part design

Your benefits

- Reliable and safe transmission
- Huge installation space reduction
- Multiple reuse
- High dynamism and accuracy
- Extremely smooth-running
- Corrosion resistant design

Quick shrink disc selection

Gearhead type	Order code/Article code				d	D	A	H*	H2*	J [kgcm ²]
		Standard	Nickel plated	Stainless steel						
SP*/SPK*/HG* 060	Order code	SD 018x044 S2	SD 018x044 N2	SD 018x044 E2	18	44	30	15	19	0,252
	Article code	20000744	20048496	20048491						
SP*/SPK*/HG* 075	Order code	SD 024x050 S2	SD 024x050 N2	SD 024x050 E2	24	50	36	18	22	0,729
	Article code	20001389	20047957	20043198						
SP*/SPK*/HG* 100	Order code	SD 036x072 S2	SD 036x072 N2	SD 036x072 E2	36	72	52	22	27,5	3,94
	Article code	20001391	20048497	20035055						
SP*/SPK*/HG* 140	Order code	SD 050x090 S2	SD 050x090 N2	SD 050x090 E2	50	90	68	26	31,5	11,1
	Article code	20001394	20048498	20047937						
SP*/SPK*/HG* 180	Order code	SD 068x115 S2	SD 068x115 N2	SD 068x115 E2	68	115	86	29	34,5	31,1
	Article code	20001396	20048499	20048492						

*Apply for the unclamped state.
Shrink discs suitable for alpheno® and PKF gearheads upon request.

Gearhead type	Order code/Article code				d	D	A	H*	H2*	J [kgcm ²]
		Standard	Nickel plated	Stainless steel						
VDH*/VDHe 040	Order code	SD 024x050 S2	SD 024x050 N2	SD 024x050 E2	24	50	36	18	22	0,729
	Article code	20001389	20047957	20043198						
VDH*/VDHe 050	Order code	SD 030x060 S2V	SD 030x060 N2	SD 030x060 E2	30	60	44	20	24	1,82
	Article code	20020687	20047934	20047885						
VDH*/VDHe 063	Order code	SD 036x072 S2V	SD 036x072 N2V	SD 036x072 E2	36	72	52	22	27,5	3,94
	Article code	20020688	20047530	20035055						
VDH* 080	Order code	SD 050x090 S2V	SD 050x090 N2V	SD 050x090 E2	50	90	68	26	31,5	11,1
	Article code	20020689	20047935	20047937						
VDH* 100	Order code	SD 062x110 S2V	SD 062x110 N2	SD 062x110 E2	62	110	80	29	34,5	27
	Article code	20020690	20047927	20047860						

*Apply for the unclamped state.

One shrink disk per gearhead is sufficient. Please refer to the operating instructions for information on correct shrink disc installation. The instructions are enclosed with the order.

Mounting/operating manual at www.wittenstein-alpha.de/en/download

Recommendation for the load shaft:

Tolerance h6

Surface roughness ≤ Rz 16

Minimum yield strength $R_p 0.2 \geq 385 \text{ N/mm}^2$

The shrink disc is not included in the scope of delivery of the gearhead. Therefore, it must be ordered separately (for the V-Drive gearhead type, this is possible in the order code).

