

HÄFNER – a standard for quality and precision

Cylindrical barrelled delivery spools with conical flanges IEC 60264-5-1 and others



HÄFNER



Packaging:

Attention: If pallet packing is stated the reels are preferably packed on pallets with shrink wrapping. It should however be noted that the reels should not be stored in direct sunlight, because heat build up can lead to permanent deformation of the plastic material.

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Spools

Packaging in cartons/on pallets*.

Type	No. off	Gross weight kg	Carton size (cm)	No. off	Gross weight kg	Pallets Overall dim. (cm)
HKV 100	280	38,5	77 x 52 x 53	–	–	–
HKV 125	144	25,2	77 x 52 x 53	1080	183	80 x 120 x 168
HKV 160	80	27,5	66 x 54 x 67	490	165	80 x 120 x 177
HKV 200	36	23,0	66 x 54 x 67	320	194	80 x 120 x 177
HKV 250	16	18,0	77 x 52 x 53	140	147	80 x 120 x 192
HKL 40	650	14,2	52 x 52 x 45	–	–	–
HKL 125	90	28,4	66 x 54 x 67	432	135	80 x 120 x 175
HKL 125/22-300	–	–	–	324	140	80 x 120 x 198
160/30°-105	on request					
HKL 200/22	18	18,3	77 x 52 x 53	120	118	80 x 120 x 170
HKL 200/100	18	19,3	77 x 52 x 53	120	125	80 x 120 x 170
HK 76/45	300	22,4	65 x 54 x 35	–	–	–
HKK 76	350	18,0	68 x 44 x 37	–	–	–
HK 80/45	180	14,9	65 x 54 x 35	–	–	–
HK 80 S	180	15,8	65 x 54 x 35	–	–	–
HK 80/16-95	450	25,7	66 x 54 x 67	–	–	–
HK 100/59-160	60	22,4	52 x 52 x 45	–	–	–
HK 130/82-176	27	17,6	54 x 40 x 41	–	–	–
HK 250/45 SP	18	47,8	68 x 44 x 71	100	266	100 x 125 x 115
PV 300 K	–	–	–	176	163	80 x 120 x 190
FLP 300	–	–	–	96	202	100 x 120 x 205
FLP 335	–	–	–	72	190	120 x 120 x 205

*Packaging is based on one-way-packaging. Multiple journey packaging on request.

Expert guidelines:

Is Häfner certified to ISO?

»Yes, since 1997. In fact our customers and all their wishes and ideas are at the heart of everything we do. A certified quality management system is an effective tool in achieving

the high quality requirements of our customers. Certification to IEC ISO 9001 and IEC ISO 14001 was the correct path to follow. (According to the IATF, certification to TS 16949 is not open to us).«

Spools "Made by Häfner"

The expertise of more than 75 years' experience:
»The industry-wide developments and environmentally friendly production of reels along with intensive dialogue with our customers have made us the no. 1 in Europe. We guarantee excellent quality and service, together with a good price-performance ratio.
Let's talk about common aims together – we have the solutions for your requirements.«

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Construction:

The reels with two conical flanges are a new development. The conical flange shape leads to a better load distribution compared to the reels with conventional right angled flanges.

Materials:

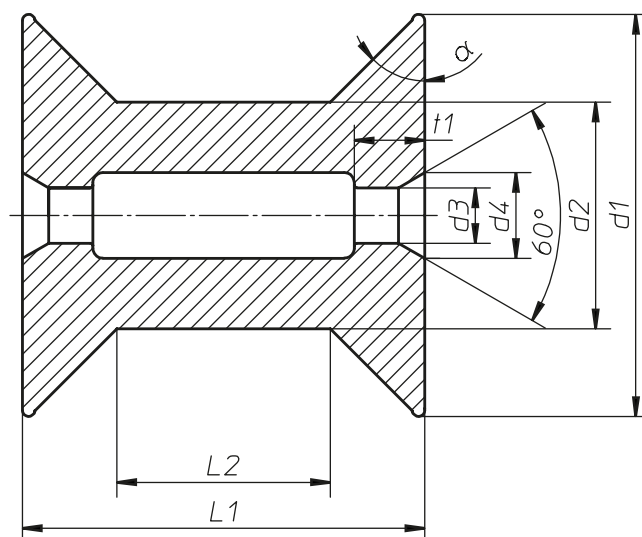
The material is shown in the table:
PS = high impact polystyrene
ABS = Acrylonitrile Butadiene Styrene
PA6 = Polyamide with glassfibre reinforced.
 Further information is given in our material specifications. These also show the available colours. Standard colour for PS is green, for PA6 and ABS anthracite.
 Other materials on request.


Applications:

The conical type of flange enables easy guiding of the wire, even when the reel is nearly empty. This is especially advantageous during production interruptions when high take off speeds are used. The HKV reels are even provided with a rounded hump (Couvergin-Buckel) which further reduces the contact of the wire to be pulled off with the flange surface area.

Tolerance:

All measures, weights and loads as indicated in this brochure are approximate figures. Tolerances and deviations as customary in this trade reserved.


Spools
Cylindrical barrelled spools with conical flanges to IEC 60264-5-2

Dimensions in mm, dimensions are nominal dimensions.

Illustration No.	Type	d1	d2	d3	d4	α	L1	L2	Winding vol. cm ³	Wire weight approx. kg	Possible materials	Remarks
01	HKV 100	100	56	16	19*	45°	100	49	390	1,2	ABS	Container VD 100, *not to IEC
02	HKV 125	125	71	16	24	45°	125	65	767	2,5	ABS	Container VD 125
03	HKV 160	160	90	22	34	45°	160	85	1675	6	ABS	Container VD 160, d3 also possible Ø 16 mm
04	HKV 200	200	112	22	34	45°	200	106	3271	11	ABS	*with carrier handle 600 g, d3 also possible with Ø 16 mm
05	HKV 250	250	140	22	34	45°	250	133	6469	25	ABS	*with carrier handle 600 g, d3 also possible with Ø 16 mm Container VB 250/250, see leaflet no. 19

Cylindrical barrelled spools with conical flanges

06	HKL 40	40	25	8	11,5	45°	90	70	58	–	ABS	
07	HKL 125	125	71	22	34	45°	200	140	1407	–	ABS	
08	HKL 125/22-300	125	71	22	34	45°	300	240	2238	–	ABS	
not illustrated	160/30°-105	160	82	76,6	–	60°	105	53	1080	–	ABS	seperates in two halves
09	HKL 200/22	200	112	22	34	45°	315	221	5790	–	ABS	d3 also with 16 mm, *with carrier handle 925 g, VBL 200/22 see leaflet no.19
10	HKL 200/100	200	112	100	106	45°	315	221	5790	–	ABS	*with carrier handle 1000 g, VBL 200/100, see leaflet no. 19
11	HK 76/45	63,5	44,4	16	–	45°	86,3	60	113	0,4	PS, ABS	Container VD 80 with base insert can be used, d3 also conical, also with label area
12	HKK 76	63	43,5	16	–	45°	60	34	72	–	PS	also with label area
13	HK 80/45	80	55	16	19	45°	100	69,5	220	–	PS, ABS	d3 also possible with Ø 8, Ø 11 mm, also with label area
14	HK 80 S	80	55	16	19	45°	100	69,5	220	–	PS, ABS	d3 also possible with Ø 8, Ø 11 mm, also with label area
15	HK 80/16-95	80	38	16	18	77°	95	77	321	–	PS, ABS	
16	HK 100/59-160	100	75	59	70	20,75°	160	91	429	–	ABS	
17	HK 130/82-176	130	100	82	93,4	20,75°	176	92	743	–	ABS	
18	HK 250/45 SP	250	160	127	135	45°	200	91	4120	–	PA6	d3 also possible with Ø 22, Ø 36, Ø 76, Ø 102 mm
not illustrated	PV 300 K	295	195	22	34	70°	110	65	3065	–	ABS	
19	FLP 300	300	112	36	42	30°	310	125	15400	–	PA6	d3 Ø 36 mm available, further Ø up to 100 mm possible
20	FLP 335	335	140	36	42	35°	314	82	17056	–	ABS, PA6	