Quality in store.
Our stock tools.

LIEBHERR

Gear technology



High-grade stock tools from Liebherr



As a system supplier of machine tools, gear cutting tools, clamping fixtures and automation solutions, Liebherr-Verzahntechnik GmbH offers products and services that are perfectly matched to each other. Customers benefit from more than six decades of experience, the high degree of process reliability offered by the products and a first-class service throughout the entire lifecycle of all machines and tools.

At its centers of expertise in Ettlingen (Germany) and Collegno (Italy), Liebherr develops and constructs a comprehensive portfolio of high-grade gear cutting tools. The experts at Liebherr are on hand with their extensive knowledge, experience and expertise to offer customers support and advice on all issues in and around the topic of gearing. They also develop, in particular, solutions and special designs for all types of gearing that can be manufactured using shaping processes in involute or non-involute profiles.

You can use the order form in this brochure to very easily order new cutters in disc, shaft or hub form and as pre-cutters and finishing cutters. Tools in stock can generally be delivered within 24 hours.

In addition to this, Liebherr offers high-quality reconditioning of tools from all manufacturers. Cutters are sharpened, coated and then subjected to quality control in a fast yet precise procedure.

Contents

4 **Technical information**

6 **DIN 3972/II**

6 Disc type finishing cutters

7 Hub type finishing cutters

8 Shank type finishing cutters

9 **DIN 3972/III**

9 Disc type roughing cutters

10 **DIN 5480**

10 Disc type finishing cutters

11 Hub type finishing cutters

12 Shank type finishing cutters

13 **DIN 5482**

13 Disc type finishing cutters

13 Shank type finishing cutters

14 **DIN 8197**

14 Disc type finishing cutters for roller chain sprockets

15 **DIN 3970**

15 Master gears

16 **Services**

16 Tool resharpening / reconditioning

17 Reconditioning of hobs

18 Component and contract manufacture

Order form



Production site Ettlingen



Production site Collegno

Technical information



Areas of application covered by Liebherr stock tools
- Spur gears with external and internal toothing
- Rack and pinions with straight toothing
- Tooth segments
- Wheel blocks
- Gear shafts and gear hubs for multi-speed gearboxes
- Sprockets for roller chains

Qualitygrade of shaper cutters in stock
Liebherr cutters are available in standard DIN 1829 Grade A form, with the exception of the sprocket cutters, which are supplied in DIN 1829 Grade B. Shaper cutters with higher accuracy (Grade AA) are available in stock only in limited numbers.

Cutter materials

Material-No.			Workpiece tensile strength
S 6-5-3-8	(PM)	not in stock	≤ 1,200 N/mm²
S 11-2-5-8	(PM) Standard	in stock	1,200–1,400 N/mm²
S 6-7-6-10	(PM)	not in stock	1,400–1,700 N/mm²

Alcrona Pro Coating
Liebherr tools are supplied with Alcrona Pro coating. On request, other coatings can also be provided within five working days and with surcharge.

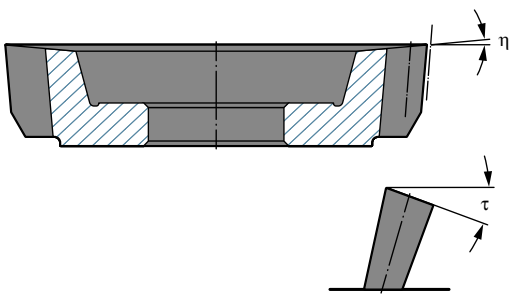


General notes on sharpening of cutters

As a general rule, shaper cutters should be sharpened free of burrs, and this is achieved through several pass spark-outs. Damage to the cutting edges should always be avoided so as not to compromise the gear cutting quality or tool life. Only an optimally prepared cutting edge guarantees maximum tool performance. For very high precision gears, Liebherr recommends subjecting the tools to a pitch and profile measurement after each tool reconditioning procedure.

Manufacturer tolerances and deviations for resharpening

Angular deviation	Angle h	f_η	+/- 15‘
	Angle t	f_τ	+/- 30‘
Roughnesses	Spur cutters	Ra	< 0.25
	Helical cutters	Ra	< 0.35



Tolerances

Quality grade of standard cutters in stock

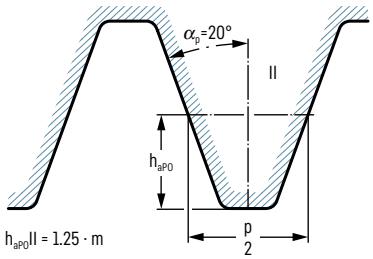
m	< 1.0				1–2				> 2–3.55				> 3.55–6				> 6–10	
d0	10–50		> 50–125		10–50		> 50–125		10–50		> 50–125		10–50		> 50–125		> 50–125	
	AA[1]	A[2]	AA[1]	A[2]	AA[1]	A[2]	AA[1]	A[2]	AA[1]	A[2]	AA[1]	A[2]	AA[1]	A[2]	AA[1]	A[2]	AA[1]	A[2]
ff	2	2.5	2	2.5	2	3	2	3	3	4	3	4	4	5	4	5	5	7
fHa	2	2.5	2	2.5	2	3	2	3	2	3	2	3	3	4	3	4	3.5	5
Ff	2.5	3.5	2.5	3.5	3	4	3	4	4	5	4	5	5	7	5	7	6	8
fp fpe	2.5	3.5	2.5	3.5	2.5	3.5	2.5	4	2.5	3.5	2.5	3.5	3	4	3	4	3.5	5
f0	3	4.5	3.5	4.5	3	4.5	3	5	3	4.5	3	4.5	4	5	4	5	4.5	6
Fp	6.5	9	9	12	7	10	9	14	8	11	10	14	8	12	10	16	11	16
Ff Fra	6	9	7	10	7	10	8	10	8	10	9	11	9	11	10	12	11	15
RS	2.5	4	3.5	4.5	3	4.5	3.5	5	3.5	5	4.5	6	4	6	5	7	5.5	8

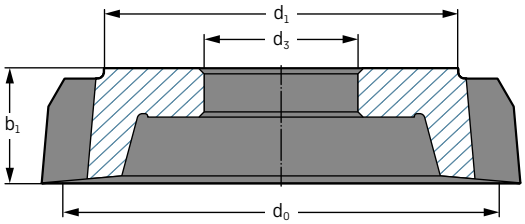
[1] AA DIN 1829 [2] A DIN 1829

Basic rack profile DIN 3972/II

Disc type finishing cutters DIN 1825, pressure angle 20°





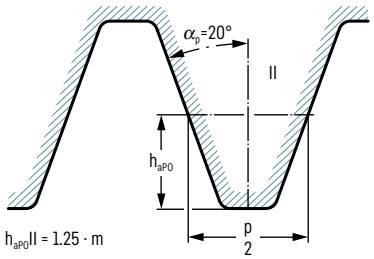


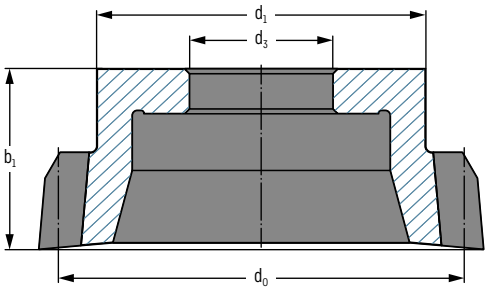
Module	z_0	d_0	d_3	d_1	b_1	Stock-No.
0.5	152	76	31.745	70	15	W 105 001 02
0.6	160	96	44.45	90	14	W 206 011 02
0.7	100	70		62	16	W 107 001 02
0.75	100	75	31.745	68	16	W 107 501 02
0.8	90	72		65	16	W 108 001 02
1.0	100	100		90	16	W 210 011 02
1.0	124	124		115	20	W 310 011 02
1.25	80	100		90	16	W 212 511 02
1.25	100	125		115	20	W 312 511 02
1.5	68	102		90	18	W 215 011 02
1.5	84	126		115	20	W 315 011 02
1.75	58	102		90	20	W 217 511 02
1.75	72	126		115	22	W 317 511 02
2.0	50	100		85	20	W 220 011 02
2.0	64	128		115	24	W 320 011 02
2.25	45	101		90	20	W 222 511 02
2.25	56	126		110	24	W 322 511 02
2.5	40	100		85	20	W 225 011 02
2.5	50	125		110	24	W 325 011 02
2.75	36	99		85	24	W 227 511 02
2.75	46	127		110	24	W 327 511 02
3.0	33	99		85	24	W 230 011 02
3.0	42	126	44.45	110	24	W 330 011 02
3.25	31	101		85	24	W 232 511 02
3.5	29	102		85	24	W 235 011 02
3.5	36	126		110	24	W 335 011 02
3.75	27	101		85	24	W 237 511 02
4.0	25	100		80	24	W 240 011 02
4.0	32	128		110	24	W 340 011 02
4.5	22	99		80	24	W 245 011 02
4.5	28	126		105	24	W 345 011 02
5.0	20	100		80	24	W 250 011 02
5.0	26	130		110	26	W 350 011 02
5.5	24	132		110	26	W 355 011 02
6.0	17	102		82	24	W 260 011 02
6.0	22	132		110	26	W 360 011 02
6.5	16	104		82	24	W 265 011 02
6.5	20	130		105	26	W 365 011 02
7.0	18	126		100	26	W 370 011 02
8.0	16	128		100	31	W 380 011 02
10.0	14	140		105	31	W 300 011 02

Basic rack profile DIN 3972/II

Hub type finishing cutters DIN 1826, pressure angle 20°





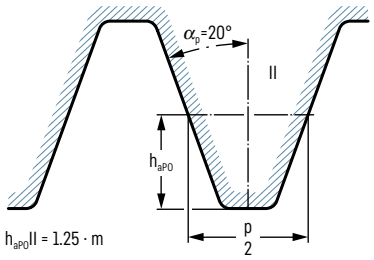


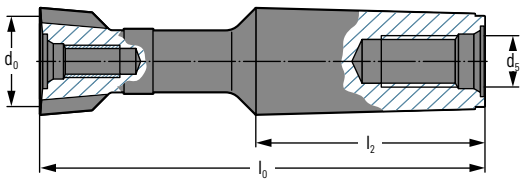
Module	z_0	d_0	d_3	d_1	b_1	Stock-No.
1.0	76	76	31.745	65	41	W 610 001 02
1.25	61	76	31.745	65	41	W 612 501 02
1.5	34	51	19	42	32	W 615 021 02
1.5	51	76.5	31.745	65	41	W 615 001 02
1.5	68	102	44.45	90	46	W 615 011 02
1.75	43	75	31.745	65	41	W 617 501 02
2.0	26	52	19	43	32	W 620 021 02
2.0	38	76	31.745	65	41	W 620 001 02
2.0	50	100	44.45	85	46	W 620 011 02
2.25	34	76.5	31.745	65	41	W 622 501 02
2.5	22	55	19	44	32	W 625 021 02
2.5	32	80	31.745	68	41	W 625 001 02
2.5	40	100	44.45	85	46	W 625 011 02
2.75	28	77	31.745	60	41	W 627 501 02
3.0	20	60	19	46	35	W 630 021 02
3.0	25	75	31.745	60	43	W 630 001 02
3.0	33	99	44.45	85	46	W 630 011 02
3.5	22	77	31.745	60	43	W 635 001 02
3.5	29	101.5	44.45	85	46	W 635 011 02
4.0	19	76	31.745	60	46	W 640 001 02
4.0	25	100	44.45	82	46	W 640 011 02
5.0	16	80	31.745	60	46	W 650 001 02
5.0	20	100	44.45	80	46	W 650 011 02
6.0	17	102	44.45	80	46	W 660 011 02

Basic rack profile DIN 3972/II

Shank type finishing cutters DIN 1828, pressure angle 20°







Module	z_0	d_0	Taper	l_1	z_2 min.	Stock-No.
1.0	16	16	MK2	100	36	W 510 011 02
1.0	24	24	MK2	100	50	W 510 021 02
1.25	16	20	MK2	100	36	W 512 521 02
1.5	10	15	MK2	100	24	W 515 011 02
1.5	16	24	MK2	100	36	W 515 021 02
2.0	10	20	MK2	100	24	W 520 011 02
2.0	14	28	MK2	100	36	W 520 021 02
2.5	10	25	MK2	100	24	W 525 011 02
2.5	14	35	MK4	150	34	W 525 021 02
3.0	10	30	MK2	100	24	W 530 011 02
3.0	14	42	MK4	150	34	W 530 021 02
4.0	12	48	MK4	150	28	W 540 011 02
5.0	12	60	MK4	150	28	W 550 011 02

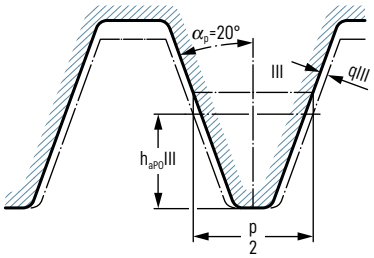
MK 2 = Morse taper 2, l_2 = 40 mm, d_5 = M6

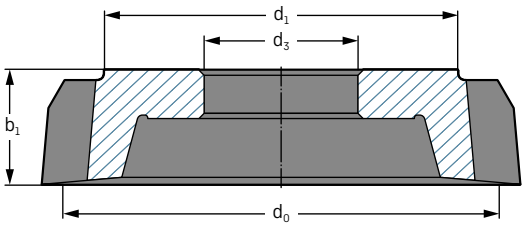
MK 4 = Morse taper 4, l_2 = 71 mm, d_5 = M16

Basic rack profile DIN 3972/II

Disc type roughing cutters DIN 1825, pressure angle 20°





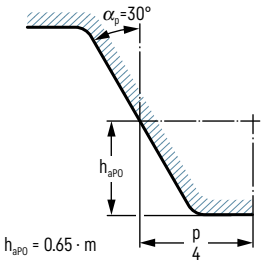


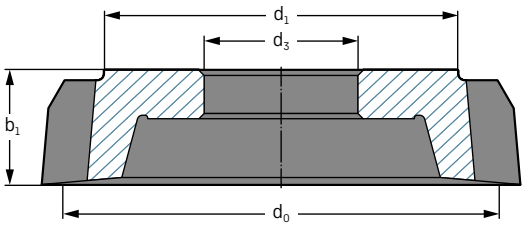
Module	z_0	d_0	d_3	d_1	b_1	q III	h_{aP0} III	Stock-No.
1.0	124	124	44.45	115	20	0.09	1.50 · m	W 310 051 02
1.25	100	125		115	20	0.09	1.46 · m	W 312 551 02
1.5	84	126		115	20	0.10	1.44 · m	W 315 051 02
1.75	72	126		115	22	0.10	1.42 · m	W 317 551 02
2.0	50	100		85	20	0.11	1.41 · m	W 220 051 02
2.0	64	128		115	24	0.11	1.41 · m	W 320 051 02
2.5	40	100		85	20	0.12	1.38 · m	W 225 051 02
2.5	50	125		110	24	0.12	1.38 · m	W 325 051 02
3.0	33	99		85	24	0.12	1.37 · m	W 230 051 02
3.0	42	126		110	24	0.12	1.37 · m	W 330 051 02
3.5	36	126		110	24	0.13	1.36 · m	W 335 051 02
4.0	32	128		110	24	0.14	1.35 · m	W 340 051 02

Basic rack profile DIN 5480

Disc type finishing cutters DIN 1825, pressure angle 30°





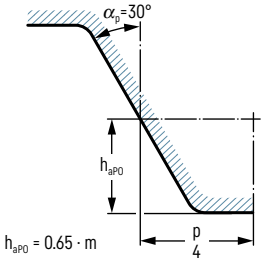


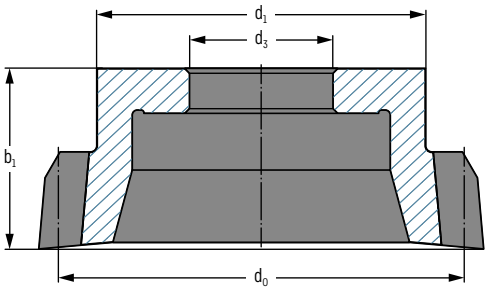
Module	z_0	d_0	d_3	d_1	b_1	Stock-No.
0.6	120	72	31.745	65	16	W 106 061 02
0.8	90	72		65	16	W 108 061 02
1.0	100	100		95	16	W 210 061 02
1.0	124	124		115	20	W 310 061 02
1.25	80	100		95	16	W 212 561 02
1.25	100	125		120	20	W 312 561 02
1.5	68	102		95	18	W 215 061 02
1.5	84	125		120	20	W 315 061 02
1.75	72	126		115	22	W 317 561 02
2.0	50	100		90	20	W 220 061 02
2.0	64	128		115	24	W 320 061 02
2.5	40	100		90	20	W 225 061 02
2.5	50	125		115	24	W 325 061 02
3.0	34	102	44.45	90	24	W 230 061 02
3.0	42	126		115	24	W 330 061 02
4.0	26	104		90	24	W 240 061 02
4.0	32	128		115	24	W 340 071 02
5.0	20	100		85	24	W 250 061 02
5.0	26	130		115	26	W 350 071 02
6.0	18	108		95	24	W 260 061 02
6.0	22	132		115	26	W 360 071 02
8.0	14	112		95	24	W 280 061 02
8.0	16	128		115	31	W 380 071 02
10.0	12	128		100	31	W 200 061 02
10.0	14	140		120	31	W 300 061 02

Basic rack profile DIN 5480

Hub type finishing cutters DIN 1826, pressure angle 30°







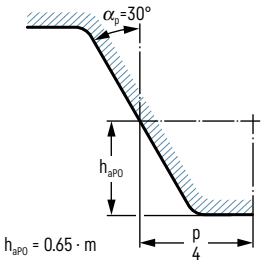
Module	z_0	d_0	d_3	d_1	b_1	z_2 min.	Stock-No.
1.5	30	45	19.0	40	36	42	W 615 081 02
1.75	30	52	19.0	45	41	42	W 617 581 02
1.75	58	101	44.45	90	46	78	W 617 571 02
2.0	26	52	19.0	45	41	36	W 620 081 02
2.0	38	76	31.745	70	41	53	W 620 061 02
2.0	50	100	44.45	90	46	70	W 620 071 02
2.5	30	75	31.745	68	41	42	W 625 061 02
2.5	40	100	44.45	90	46	56	W 625 071 02
3.0	18	54	19.0	45	43	25	W 630 081 02
3.0	26	78	31.745	70	43	36	W 630 061 02
3.0	34	102	44.45	92	46	48	W 630 071 02
4.0	14	56	19.0	46	46	20	W 640 081 02
4.0	20	80	31.745	70	46	28	W 640 061 02
4.0	26	104	44.45	90	46	36	W 640 071 02
5.0	12	60	19.0	48	46	18	W 650 081 02
5.0	16	80	31.745	68	46	22	W 650 061 02
5.0	20	100	44.45	88	46	28	W 650 071 02
6.0	12	72	31.745	60	46	18	W 660 061 02
6.0	18	108	44.45	95	46	25	W 660 071 02
8.0	10	80	31.745	65	46	16	W 680 061 02
8.0	14	112	44.45	95	46	20	W 680 071 02
10.0	10	100	44.45	82	46	16	W 600 061 02

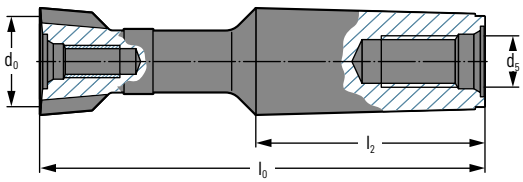
The cutters with bore diameter d_3=19 mm have a transverse keyway 6 C11 wide x 3.5 deep.

Basic rack profile DIN 5480

Shank type finishing cutters DIN 1828, pressure angle 30°







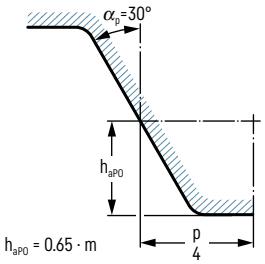
Module	z_0	d_0	Kegel	l_0	z_2 min.	Stock-No.
0.6	16	10	MK1	70	23	W 506 051 02
0.8	16	13	MK2	85	23	W 508 051 02
1.0	10	10	MK2	85	16	W 510 051 02
1.0	16	16	MK2	100	23	W 510 061 02
1.25	10	12.5	MK2	85	16	W 512 551 02
1.25	16	20	MK2	100	23	W 512 561 02
1.5	10	15	MK2	100	16	W 515 051 02
1.5	16	24	MK4	150	23	W 515 061 02
1.75	10	17.5	MK2	100	16	W 517 551 02
1.75	16	28	MK4	150	23	W 517 561 02
2.0	10	20	MK2	100	16	W 520 051 02
2.0	10	20	MK4	180	16	W 520 081 02
2.0	16	32	MK4	150	23	W 520 061 02
2.0	16	32	MK4	180	23	W 520 071 02
2.5	10	25	MK2	100	16	W 525 051 02
2.5	16	40	MK4	150	23	W 525 061 02
3.0	10	30	MK4	150	16	W 530 051 02
3.0	10	30	MK4	200	16	W 530 071 02
3.0	16	48	MK4	150	23	W 530 061 02
3.0	16	48	MK4	200	23	W 530 081 02
4.0	12	48	MK4	150	18	W 540 051 02
4.0	12	48	MK4	200	18	W 540 061 02
5.0	12	60	MK4	150	18	W 550 051 02

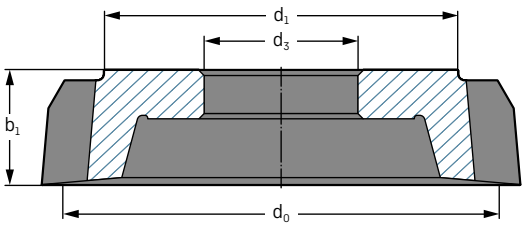
MK 1 = Morse taper 1, l_2 = 32 mm, d_5 = M5
MK 2 = Morse taper 2, l_2 = 40 mm, d_5 = M6
MK 4 = Morse taper 4, l_2 = 71 mm, d_5 = M16

Basic rack profile DIN 5482

Disc type finishing cutters DIN 1825, pressure angle 30°



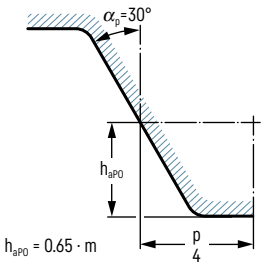


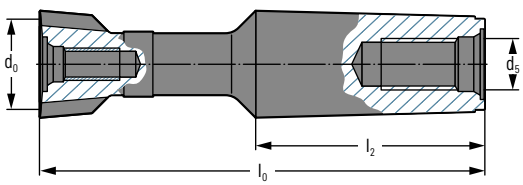


Module	z_0	d_0	d_3	d_1	b_1	h_{aP0}	Stock-No.
1.75	76	133	44.45	125	22	0.67 · m	W 317 591 02
1.9	68	129		120	24	0.68 · m	W 319 091 02
2.0	64	128		120	24	0.76 · m	W 320 091 02
2.1	60	126		115	24	0.84 · m	W 321 091 02
2.25	56	126		115	24	0.65 · m	W 322 591 02

Shank type finishing cutters DIN 1828, pressure angle 30°





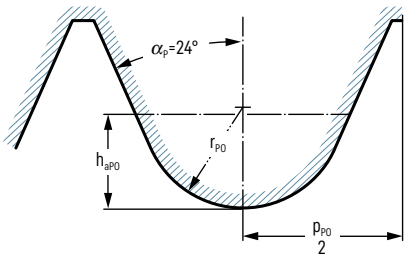


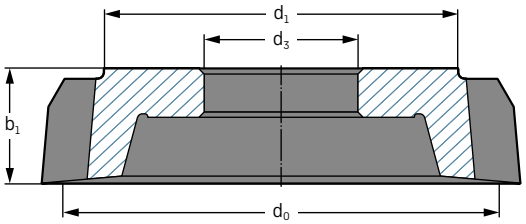
Module	z_0	d_0	Kegel	l_0	z_2	h_{aP0}	Stock-No.
1.6	5	8.0	MK2	95	9–10	0.46 · m	W 516 071 02
1.6	7	11.2		95	12–13	0.48 · m	W 516 081 02
1.6	8	12.8	MK4	150	14	0.57 · m	W 516 091 02
1.75	9	15.8		150	15–16	0.48 · m	W 517 581 02
1.75	10	17.5		160	17–18	0.72 · m	W 517 591 02
1.9	12	22.8		160	19–21	0.60 · m	W 519 091 02
2.0	16	32.0		160	25–28	0.86 · m	W 520 091 02
2.0	16	32.		200	25–28	0.86 · m	W 520 191 02
2.1	16	33.6		180	31–36	0.82 · m	W 521 091 02
2.25	20	45.0		180	37–44	0.92 · m	W 522 591 02

Basic rack profile DIN 8197

Disc type finishing cutters for roller chain sprockets DIN 8196 and DIN ISO 606





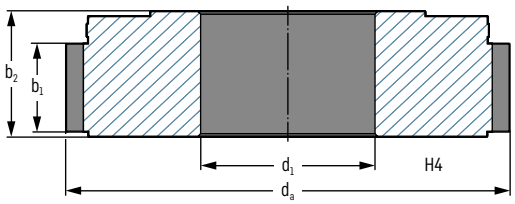


Pitch p	Roller-Ø	z_0	d_0	d_3	d_1	b_1	Stock-No.
6	4	50	97		90	20	W 940 015 02
6	4	66	126		120	26	W 940 021 02
8	5	38	98.5		90	20	W 950 015 02
8	5	50	127		120	26	W 950 021 02
3/8¨ =9.525	6.35	30	93		85	20	W 963 515 02
3/8¨ =9.525	6.35	42	127		120	26	W 963 521 02
1/2¨ =12.7	7.75	24	98.5		85	20	W 977 515 02
1/2¨ =12.7	7.75	32	129		120	26	W 977 521 02
1/2¨ =12.7	8.51	24	98.5	44.45	85	20	W 985 115 02
1/2¨ =12.7	8.51	32	129		120	26	W 985 121 02
5/8¨ =15.875	10.16	20	103		85	21	W 910 115 02
5/8¨ =15.875	10.16	26	131		115	28	W 910 121 02
3/4¨ =19.05	12.07	16	99		85	24	W 912 015 02
3/4¨ =19.05	12.07	22	133		115	28	W 912 021 02
1¨ =25.4	15.88	14	116		90	24	W 915 815 02
1¨ =25.4	15.88	16	129		105	28	W 915 821 02

Master gears

as per DIN 3970





Pos.	m	z	x	d_a (-0,03)	d_1 (H4)	b_1	b_2	Quality DIN 3962	Stock-No.
1 1.1	1.0	48	0	50	22	12.5	30	3 4	WL 100 16 02 WL 100 16 02
2 2.1	1.25	64	0	82.5	32	17	33	3 4	WL 125 26 02 WL 125 26 02
3 3.1	1.5	54	0	84	32	17	33	3 4	WL 150 26 02 WL 150 26 02
4 4.1	1.75	46	0	84	32	17	33	3 4	WL 175 26 02 WL 175 26 02
5 5.1	2.0	40	0	84	32	17	33	3 4	WL 200 26 02 WL 200 26 02
6 6.1	2.5	48	0	125	32	23	36	3 4	WL 250 36 02 WL 250 36 02
7 7.1	3.0	38	0	120	32	23	36	3 4	WL 300 36 02 WL 300 36 02
8 8.1	3.5	32	0	119	32	23	36	3 4	WL 350 36 02 WL 350 36 02
9 9.1	4.0	40	0	168	45	30	43	3 4	WL 400 46 02 WL 400 46 02
10 10.1	5.0	30	0.15	161.5	45	30	43	3 4	WL 500 46 02 WL 500 46 02

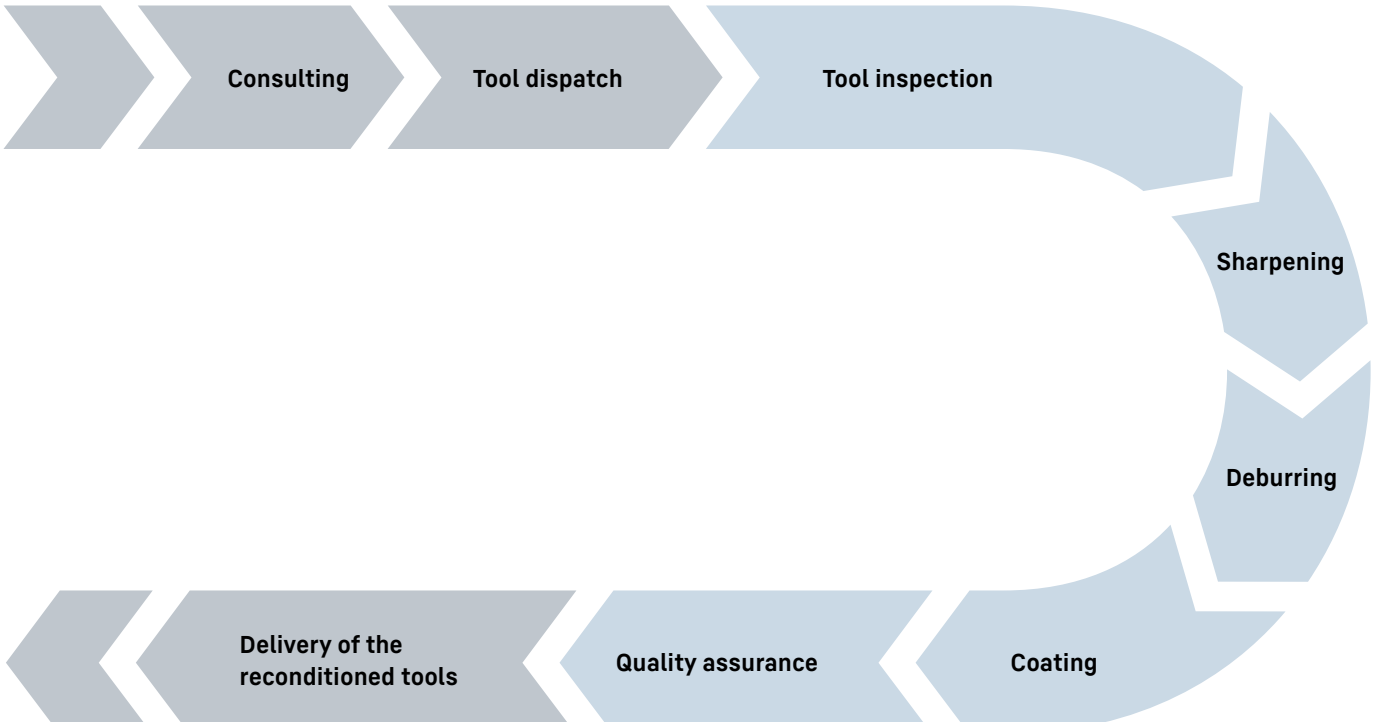
Design
Tool steel or high-speed steel, which has been hardened and precision ground, with indicating band.

Grade of Accuracy
Quality 3 as per DIN 3962 – master gears for checking of cylindrical gears in qualities 5 to 7 as per DIN 3962.

Quality 4 as per DIN 3962 – master gears for checking of cylindrical gears in quality 8 as per DIN 3962 or coarser.

Services

Tool resharpening / reconditioning



Sharpening and Coating of shaper cutters
Liebherr offers resharpening and coating of cutters from all manufacturers. Satisfied customers worldwide put their trust in this reliable service and appreciate the quality of the tools. Reconditioned tools are treated with same acuracy as new tools.



Various kind of coatings are professionally applied. Reconditioned shaper cutters are not dispatched to customers until they have undergone a meticulously quality control process. This guarantees consistent tool quality right up to the end of the usable width of the respective tool.

An inspection report can also be provided on request. In addition to this, Liebherr offers expert consulting on the topics of tool management and shaping process parameters.

Reconditioning of hobs



Liebherr offers you many advantages when sharpening and coating hobs:

- Delivery time of only two weeks
- Excellent Liebherr quality thanks to state-of-the-art new machinery
- Guaranteed burr-free sharpening
- Machining of PM and HM hobs
- All common coatings available
- Measuring protocols available
- Access to internal technology department
- Error analysis and error prevention possible

Component and contract manufacture



Liebherr-Verzahntechnik GmbH supplies complete components as well as a wide range of gears by contract manufacture. Practical solutions to problems, comprehensive knowledge and the experience of the competent teams are the basis for a long-term partnership.

The company manufactures using state-of-the-art CNC machines. Delivery times are very short as a result of a high in-house production depth and flexi-bility. Quality, on-time delivery and customer satisfaction are first priority.

Liebherr-Verzahntechnik GmbH is ISO 9001:2008 certified.



You need extra capacity?

We will produce workpieces to customer specifications, either as series production parts or as prototypes.
Our plant operates a wide range of different CNC gear cutting and gear testing machines, all of the latest generation. Gear hobbing, gear shaping and gear grinding machines feature quick-conversion automation systems. The existing range of tools allows us to cover practically all commonly encountered gear types.

– External and internal gears and shafts:	Max. Ø 500 mm – module 0.3 – 12 mm
– Spur / helical or tapered:	Max. Ø 500 mm – till module 12 – ± 45°
– Herringbone gears:	on request

Fast and reliable

In the field of drive technology, Liebherr supplies both complete components and a vast range of gearing in contract manufacturing. We use state-of-the-art CNC machines at our production facilities. Short lead times, high quality standards and high customer satisfaction make us stand out as a reliable partner.

Range of parts

- Gears
- Shaft gears
- Couplings
- Sprockets
- Worms
- Worm wheels
- Components, including assembly

ISO 9001:2015 certification

Our high quality standards prompted us to implement the internal standards for quality management systems into our tool department as long ago as the 1990s. The benefits of this can be seen in the high degree of customer satisfaction and are highlighted by the success of our products in the market.

High vertical integration through modern machinery

We manufacture your workpieces on state-of-the-art gear cutting machines. As well as internal and external cylindrical grinding machines, there are turning and gear cutting centers at our plants. We also ensure very high quality with our Liebherr gear measurement machines and 3D measuring instruments.







Order form

Form by fax or by e-mail to:

Liebherr-Verzahntechnik GmbH
Werk Ettlingen · Vertrieb Werkzeuge
Hertzstr. 9-15 · 76275 Ettlingen, Deutschland

Phone +49 7243 708-0 · Fax: +49 7243 708-685
tools.lvt@liebherr.com

Delivery schedule
Customers can expect next-day delivery for all tools that are in stock and available. In isolated cases, unanticipated delivery bottlenecks can sometimes lead to minor delays. Any items not immediately available will then be sent out as soon as they are in stock.

Order

Item	Designation	Stock-No.	Quantity
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

Company address

Customer no.

Postal code, town/city, country

Company

Telephone

Contact person

Fax

Address line 1

E-Mail

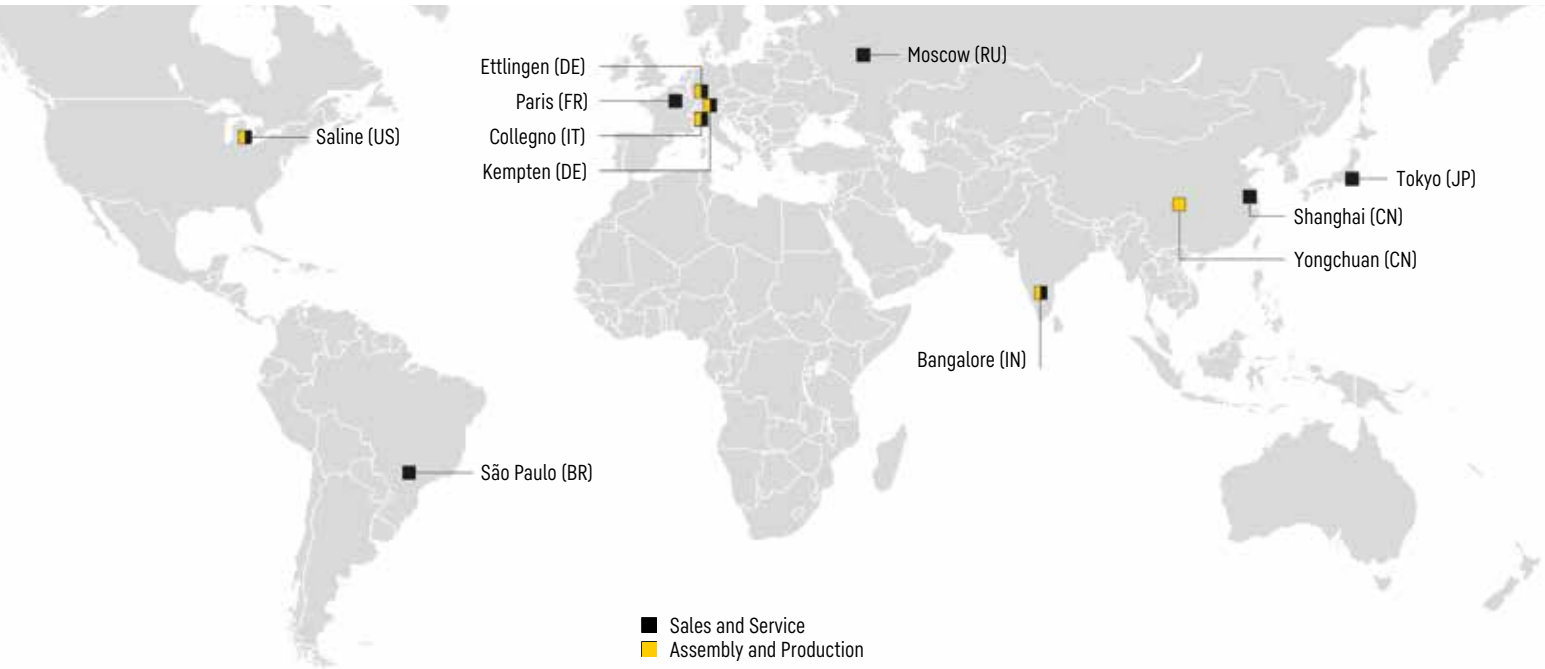
Further information

Please send me further information on the following topics:

☐ Tool resharpening / reconditioning ☐ Gear cutting software ☐ Component and contract manufacture

Date, Signature

Your solution provider



Liebherr-Verzahntechnik GmbH
Gear Technology and Automation Systems
Kaufbeurer Strasse 141
87437 Kempten
Germany
Phone +49 831 786-0
Fax +49 831 786-1279
info.lvt@liebherr.com

Liebherr-Verzahntechnik GmbH
Plant Ettlingen
Gear Tools and Metrology
Hertzstrasse 9 – 15
76275 Ettlingen
Germany
Phone +49 7243 708-0
Fax +49 7243 708-685
tools.lvt@liebherr.com

Liebherr-Verzahntechnik GmbH
Gear Technology and Automation Systems
ZAC du Parc d'activités des Ecouardes
4, rue Marguerite Perey
95155 Taverny
France
Phone +33 1 412110-35
info.machinesoutil@liebherr.com

Liebherr-Utensili S.r.l.
Via Nazioni Unite 18
10093 Collegno TO
Italy
Phone +39 114 248711
Fax +39 114 559964
info.lut@liebherr.com

Liebherr Gear and Automation Technology, Inc.
1465 Woodland Drive
Saline, MI 48176–1259
USA
Phone +1 (734) 429-7225
Fax +1 (734) 429-2294
info.lgt@liebherr.com

Liebherr Brasil I.C.M.E. EIRELI
Rua Dr. Hans Liebherr, 1
Vila Bela
12522-635 Guaratinguetá – SP
Brazil
Phone +55 11 3538 1503
vendas.lvt@liebherr.com

Liebherr-Russland OOO
Ul. 1-ya Borodinskaya, 5
121059 Moscow
Russia
Phone +7 (495) 710 83 65
office.lru@liebherr.com

Liebherr Machine Tools India Private Limited
353 / 354, 4th Main, 9th Cross,
4th Phase, Peenya Industrial Area
Bangalore – 560 058
India
Phone +91 80 41 1785-91
Fax +91 80 41 272625
info.mti@liebherr.com

Liebherr (China) Co., Ltd.
Building 1, 88 Maji Road
Pilot Free Trade Zone
Shanghai 200131
China
Phone +86 21 5046 1988
info.lms@liebherr.com

Liebherr-Japan Co.,Ltd.
1-21-7 Hatagaya
Shibuya-ku Tokyo
151-0072
Japan
Phone +81 3 6272-8645
info.lvt.ljc@liebherr.com

Liebherr-Verzahntechnik GmbH
Gear Technology and Automation Systems
Kaufbeurer Straße 141 · 87437 Kempten
Phone +49 831 786-0 · Fax +49 831 786-1279
liebherr.com · info.lvt@liebherr.com

Liebherr-LinkedIn
https://go.liebherr.com/E8ByKq

Liebherr-Twitter
https://go.liebherr.com/T92xu7

Liebherr-Youtube
https://go.liebherr.com/QDydxV

Subject to technical modifications
Printed in Germany by Typodruck · BK · Lagerwerkzeuge_0.2-01.23_enGB