

leitz

Tool programme for IMA Schelling machines

Internal product information 03/2024



IMA SCHELLING
GROUP



Circular sawblades

Panel sizing sawblades & scoring sawblades



BEZ	D mm	SB mm	TDI mm	BO mm	NLA mm	Z	ZF	SW °	ID
Sawblade WZ Premium	350	4,4	3,2	30	KNL	54	WZ	15	163301
Sawblade WZ Premium	350	4,4	3,2	30	2/13/94 KNL	72	WZ	15	163302
Sawblade WZ Premium	355	4,4	3,2	30	2/13/94 KNL	72	WZ	15	163306
Sawblade WZ Premium	400	4,4	3,2	30	2/13/94 KNL	60	WZ	15	163308
Sawblade WZ Premium	400	4,4	3,2	30	2/13/94 KNL	72	WZ	15	163309
Sawblade WZ Premium	430	4,4	3,2	30	2/13/94 KNL	72	WZ	15	163310
Sawblade WZ Premium	450	4,4	3,2	30	2/13/94 KNL	54	WZ	15	163311
Sawblade WZ Premium	450	4,4	3,2	30	2/13/94 KNL	72	WZ	15	163312
Sawblade WZ Premium	480	4,4	3,2	30	2/13/94 KNL	72	WZ	15	163313
Sawblade WZ Premium	500	5,2	3,5	30	2/13/94 KNL	60	WZ	15	163314
Sawblade WZ Premium	500	5,2	3,5	80	2/13/94 KNL	60	WZ	15	163315
Sawblade WZ Premium	520	4,4	3,2	30	2/13/94 KNL	72	WZ	15	163316
Sawblade WZ Premium	550	5,2	3,5	30	2/13/94 KNL	60	WZ	15	163317
Sawblade WZ Premium	550	5,2	3,5	80	2/13/100 KNL	60	WZ	15	163318
Sawblade FZ/TR Premium	350	4,4	3,2	30	2/13/94 KNL	72	FZ/TR	15	163408
Sawblade FZ/TR Premium	360	4,4	3,2	30	2/13/94 KNL	72	FZ/TR	15	163414
Sawblade FZ/TR Premium	400	4,4	3,2	30	2/13/94 KNL	72	FZ/TR	15	163421
Sawblade FZ/TR Premium	430	4,4	3,2	30	2/13/94 KNL	72	FZ/TR	15	163427
Sawblade FZ/TR Premium	430	4,4	3,2	75	4/15/105 2/7/110	72	FZ/TR	15	163428
Sawblade FZ/TR Premium	450	4,4	3,2	30	2/13/94 KNL	72	FZ/TR	15	163430
Sawblade FZ/TR Premium	460	4,4	3,2	30	2/13/94 KNL	72	FZ/TR	15	163434
Sawblade FZ/TR Premium	470	4,4	3,2	75	4/15/105	96	FZ/TR	15	163435
Sawblade FZ/TR Premium	480	4,4	3,2	30	2/13/94 KNL	72	FZ/TR	15	163436
Sawblade FZ/TR Premium	500	5,2	3,5	30	2/13/94 KNL	60	FZ/TR	15	163439
Sawblade FZ/TR Premium	520	4,4	3,2	30	2/13/94 KNL	72	FZ/TR	15	163442
Sawblade FZ/TR Premium	680	6,2	4,2	40	2/13/114 2/13/140	60	FZ/TR	22	163449
Sawblade FZ/TR Premium	720	6,5	4,5	40	2/13/140 2/13/114	60	FZ/TR	22	163451
Sawblade RazorCut	350	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	163379
Sawblade RazorCut	360	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	163382
Sawblade RazorCut	400	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	163387
Sawblade RazorCut	460	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	163391
Sawblade RazorCut	520	4,8	3,5	30	2/13/94 KNL	72	TR/TR	15	163399
Sawblade RazorCut PLUS	300	3,2	2,5	30	2/13/94 KNL	72	TR/TR	15	161139
Sawblade RazorCut PLUS	350	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	161149
Sawblade RazorCut PLUS	360	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	161154
Sawblade RazorCut PLUS	370	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	161155
Sawblade RazorCut PLUS	400	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	161161
Sawblade RazorCut PLUS	430	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	161165
Sawblade RazorCut PLUS	450	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	161168
Sawblade RazorCut PLUS	460	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	161170
Sawblade RazorCut PLUS	520	4,8	3,5	30	2/13/94 KNL	72	TR/TR	15	161171
Sawblade TR/TR Excellent	350	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	190707
Sawblade TR/TR Excellent	400	4,4	3,2	30	2/13/94 KNL	72	TR/TR	15	190711
Scoring sawblade HW	150	4,4	3,5	20	2/11/66	24	KON/WZ	5	165554
Scoring sawblade HW	200	4,4	3,5	20	2/11/66	36	KON/WZ	5	165569
Scoring sawblade HW	200	4,8	3,5	20	2/11/66	36	KON/WZ	5	165573
Scoring sawblade HW	220	6,5	4,5	20	2/11/66	36	KON/WZ	5	165579
Scoring sawblade HW	300	4,4	3,5	30	2/11/73 2/13/94	48	KON/WZ	5	165582
Scoring sawblade HW	300	3,2	2,8	30	2/13/94 KNL	72	KON/FZ	5	165641
Scoring sawblade DP	200	4,3	3,5	20	2/11/66	30	KON/FZ	10	190570
Scoring sawblade DP	300	4,3	3,5	30	2/11/73 2/13/94	48	KON/FZ	10	190743
Scoring sawblade HW	300	4,55	3,2	30	2/11/73 2/13/94	72	WZFA	10	165682



Circular sawblades

Circular sawblades for plastics



BEZ	D mm	SB mm	TDI mm	BO mm	NLA mm	Z	ZF	ID
BrillianceCut	350	4,4	3,2	30	2/13/94 KNL	72	WZ/FA	161029
BrillianceCut	400	4,4	3,2	30	2/13/94 KNL	72	WZ/FA	161032
BrillianceCut	450	4,4	3,2	30	2/13/94 KNL	72	WZ/FA	161033

Circular sawblades for NF-metals solid material



BEZ	D mm	SB mm	TDI mm	BO mm	NLA mm	Z	ZF	SW °	ID
Sizing	350	3,8	3,0	30	KNL 2/13/94	48	FZFA/FZFA	10	165925
Sizing	450	4,4	3,5	30	KNL 2/13/94 2/13/114	60	FZ/TR	10	165927
Sizing	460	4,4	3,5	30	2/13/94 2/13/114	48	FZFA/FZFA	10	165928
Sizing	520	4,4	3,5	30	2/13/94 2/13/114	44	FZFA/FZFA	10	165929
Sizing	530	4,4	3,5	30	2/13/94 2/13/114	44	FZFA/FZFA	10	165930
Sizing	620	5,5	4,5	40	2/13/140 2/13/114	36	FZFA/FZFA	10	165932
Sizing	620	5,5	4,5	40	2/13/140 2/13/114	60	FZ/TR	10	165933
Sizing	680	5,5	4,5	40	2/13/140 2/13/114	42	FZFA/FZFA	10	165934

Circular sawblades for CNC



BEZ	D mm	SB mm	TDI mm	BO mm	NLA mm	Z	ZF	SW °	ID
Katana	200	3,0	2,2	30	2/7/42 4/6/52 8/6/90	65	WZ/WZ/FZ	10	161253
Katana	200	3,0	2,2	30	2/7/42 4/6,6/60	65	WZ/WZ/FZ	10	161254

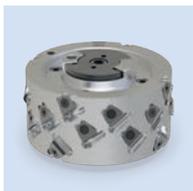
Jointing cutters

WhisperCut jointing / milling cutter - cutterhead design



BEZ	D mm	SB mm	ND mm	BO mm	Z	ID LL	ID RL
WhisperCut	125	32	34	30 DKN	3x4	192092	192093
WhisperCut	125	43	42	30 DKN	3x5	192094	192095
WhisperCut	125	63	42	30 DKN	3x7	192096	192097
WhisperCut, IMA Advantage	125	43	57	30 DKN	3x5	192098	192099
WhisperCut, IMA Advantage	125	65	57	30 DKN	3x7	192100	192101
WhisperCut EdgeExpert	125	43	40	30 DKN	3x6	192251	192252
WhisperCut EdgeExpert	125	63	40	30 DKN	3x8	192301	192302
WhisperCut PLUS EdgeExpert	125	43	40	30 DKN	3x6	192256	192257

WhisperCut jointing / milling cutter on hydro sleeve



BEZ	D mm	SB mm	BO mm	n_{\max} min ⁻¹	Z	ID LL	ID RL
WhisperCut EdgeExpert	125	43	30	13.700	4x6	192259	192258
WhisperCut EdgeExpert	125	63	30	13.700	4x8	192261	192260
WhisperCut EdgeExpert	150	43	30	13.700	4x6	192263	192262
WhisperCut EdgeExpert	150	63	30	13.700	4x8	192265	192264
WhisperCut, IMA 08.379	125	65	30	13.700	4x7	192313	192312
WhisperCut, IMA 08.379	125	43,5	30	13.700	4x5	192315	192314

Joining cutters

Protection milling Diamaster PRO - DFC, LowNoise



D mm	SB mm	ND mm	BO mm	n_{max} min ⁻¹	Z	ID LL	ID RL
180	32	42	35 DKN	9.500	4x3	090851	090852
180	43	46	35 DKN	9.500	4x4	090841	090842
180	63	46	35 DKN	9.500	4x6	090839	090840

Protection milling Diamaster PLUS



D mm	SB mm	ND mm	BO mm	n_{max} min ⁻¹	Z	ID LL	ID RL
180	34	34	35 DKN	9500	6x3	090847	090848
180	43	46	35 DKN	9500	6x5	192056	192057
180	63	46	35 DKN	9500	6x7	192058	192059
180	34	34	35 DKN	9500	8x4	192060	192061
180	43	46	35 DKN	9500	8x5	192062	192063
180	63	46	35 DKN	9500	8x7	192064	192065

End trim sawblades

Circular sawblade - LowNoise



BEM	D mm	SB mm	BO mm	Z	ZF	ID LL	ID RL
	160	3,5	22	36	WZ neg.	166462	166462
	160	3,2	22	48	WZ neg.	166414	166414
	180	3,2	22	48	WZ pos.	166463	166463
	180	3,2	22	48	WZ neg.	166464	166464
	200	3,2	22	64	WZ pos.	166479	166479
IMA 08.415	180	3,5	22	42	WZ neg.	166415	166415
IMA 08.415	160	3,0	22	36	WZ pos.	166413	166413

Edge finishing tools

Pre / finishing edge trimming cutter with optimised chip collection



D mm	SB mm	BO mm	Z	QAL	ID LL	ID RL
70	8	HSK 25 R	4	DP	198472	198473
70	8	HSK 25 R	6	DP	198474	198475
70	8	HSK 25 R	8	DP	198404	198405
70	15	HSK 25 R	4	DP	198406	198407
70	15	HSK 25 R	6	DP	198468	198469
70	25	HSK 25 R	4	HW	073092	073093

Bevel cutter



D mm	D ₀ mm	SB mm	BO mm	Z	QAL	FAW °	ID LL	ID RL
74,7	70	8	HSK 25 R	4	DP	20	091790	091791

Bevel cutter with optimised chip collection



D mm	D ₀ mm	SB mm	BO mm	Z	QAL	FAW °	NH mm	ID LL	ID RL
72,91	70	5,5	HSK 25 R	4	DP	20	19,5	198408	198409
78	70	5,5	HSK 25 R	4	DP	45	19,5	198464	198465
73	70	5,5	HSK 25 R	6	DP	20	19,5	198410	198411
78	70	5,5	HSK 25 R	6	DP	45	19,5	198466	198467

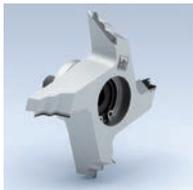
Edge finishing tools

Profile cutter with optimised chip collection



D mm	D ₀ mm	NH mm	BO mm	Z	QAL	R mm	ID LL	ID RL
76	70	17,5	HSK 25 R	4	DP	1,0	198494	198484
76	70	17,5	HSK 25 R	4	DP	1,5	198495	198485
76	70	18,5	HSK 25 R	4	DP	2,0	198496	198486
76	70	17,5	HSK 25 R	6	DP	1,0	198499	198489
76	70	17,5	HSK 25 R	6	DP	1,5	198500	198490
76	70	18,5	HSK 25 R	6	DP	2,0	198501	198491
78	70	19	HSK 25 R	4	DP	2,5	198497	198487
78	70	19,5	HSK 25 R	4	DP	3,0	198498	198488
78	70	19	HSK 25 R	6	DP	2,5	198502	198492
78	70	19,5	HSK 25 R	6	DP	3,0	198503	198493

Multi-profile cutter



D mm	D ₀ mm	BO mm	Z	QAL	R mm	FAW °	ID LL	ID RL
85	65,2	HSK 25 R	4	DP	2/3	20	091798	091799

Multi-profile cutter with optimised chip collection



BEM	D mm	D ₀ mm	B mm	BO mm	Z	QAL	R mm	FAW °	ID LL	ID RL
	85	62		HSK 25 R	4	DP	2/3	20	198444	198445
	85	62		HSK 25 R	4	DP	1,5/2	20	198504	198505
	85	62		HSK 25 R	6	DP	2/3	20	198456	198457
IMA Multiprofiler	75		30	HSK 25 R	6	DP	1/2/3	15	091916	091917
IMA Multiprofiler	75		30	HSK 25 R	6	DP	1/1,5/2	20	091922	091923
IMA Multiprofiler KFA	75		28	HSK 25 R	6	DP	1/2/3	15	091912	091913
IMA Multiprofiler KFA	75		28	HSK 25 R	6	DP	1/1,5/2	20	091924	091925
IMA Multiprofiler KFA	75		28	HSK 25 R	6	DP	1/2/3	45	091926	091927
IMA MFA	89	62		HSK 25 R	6	DP	1/2	15	091918	091919
IMA MFA	89	57		HSK 25 R	6	DP	1/2/3	15	091920	091921

Scrapers



BEZ	SB mm	H mm	DIK mm	R mm	FAW °	QAL	ID	ID left
Profile scraper	12	20	2		45	HW	074037	
Profile scraper	12	20	2	1,0		HW	074044	
Profile scraper	12	20	2	1,5		HW	074076	
Profile scraper	12	20	2	2,0		HW	074021	
Profile scraper	12	20	2	2,5		HW	074077	
Profile scraper	12	20	2	3,0		HW	074022	
Anti-stress whitening bevel	12	20	2		45	HW	074103	
Anti-stress whitening bevel	12	20	2	1,0		HW	074090	
Anti-stress whitening bevel	12	20	2	1,3		HW	074101	
Anti-stress whitening bevel	12	20	2	1,5		HW	074091	
Anti-stress whitening bevel	12	20	2	2,0		HW	074092	
Anti-stress whitening bevel	12	20	2	2,5		HW	074093	
Anti-stress whitening bevel	12	20	2	3,0		HW	074094	
Multi-profile scraper	24	20	2	1/1,5/2/3		HW	074106	
Multi-profile scraper	24	20	2	1/2/3		HW	074107	
Duo multi-profile scraper	24	19,8	8	1/2/3	45	HW	074089	074088
Duo multi-profile scraper	23,7	19,8	8	1,3/1,5/2	45	HW	074085	074084
Flat scraper	14,3	14,3	2,5			HW	074305	
Flat scraper	55	25	3		15	HW	074024	074023
Flat scraper, IMA BAZ	11	14,3	2,5			HW	074306	

Profile cutter / bevel cutter for stationary machines



D mm	D ₀ mm	SB mm	BO mm	NLA mm	Z	QAL	R mm	FAW °	ID LL	ID RL
64,4	55	5,8	30	6/5/40	6	HW	1,5		074062	074063
64,4	55	5,8	30	6/5/40	6	HW	2,0		074064	074065
64,4	55	5,8	30	6/5/40	6	HW	3,0		074066	074067
70	60	9	30	6/5/40	6	HW	1,5		074056	074057
70	60	9	30	6/5/40	6	HW	2,0		074058	074059
70	60	9	30	6/5/40	6	HW	3,0		074060	074061
70	60	9	30	6/5/40	6	HW		15	074068	074069
70	60	9	30	6/5/40	6	HW		30	074070	074071
70	60	9	30	6/5/40	6	HW		45	074072	074073

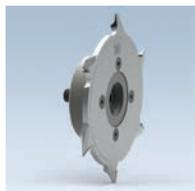
Postforming tools

Rebating cutter

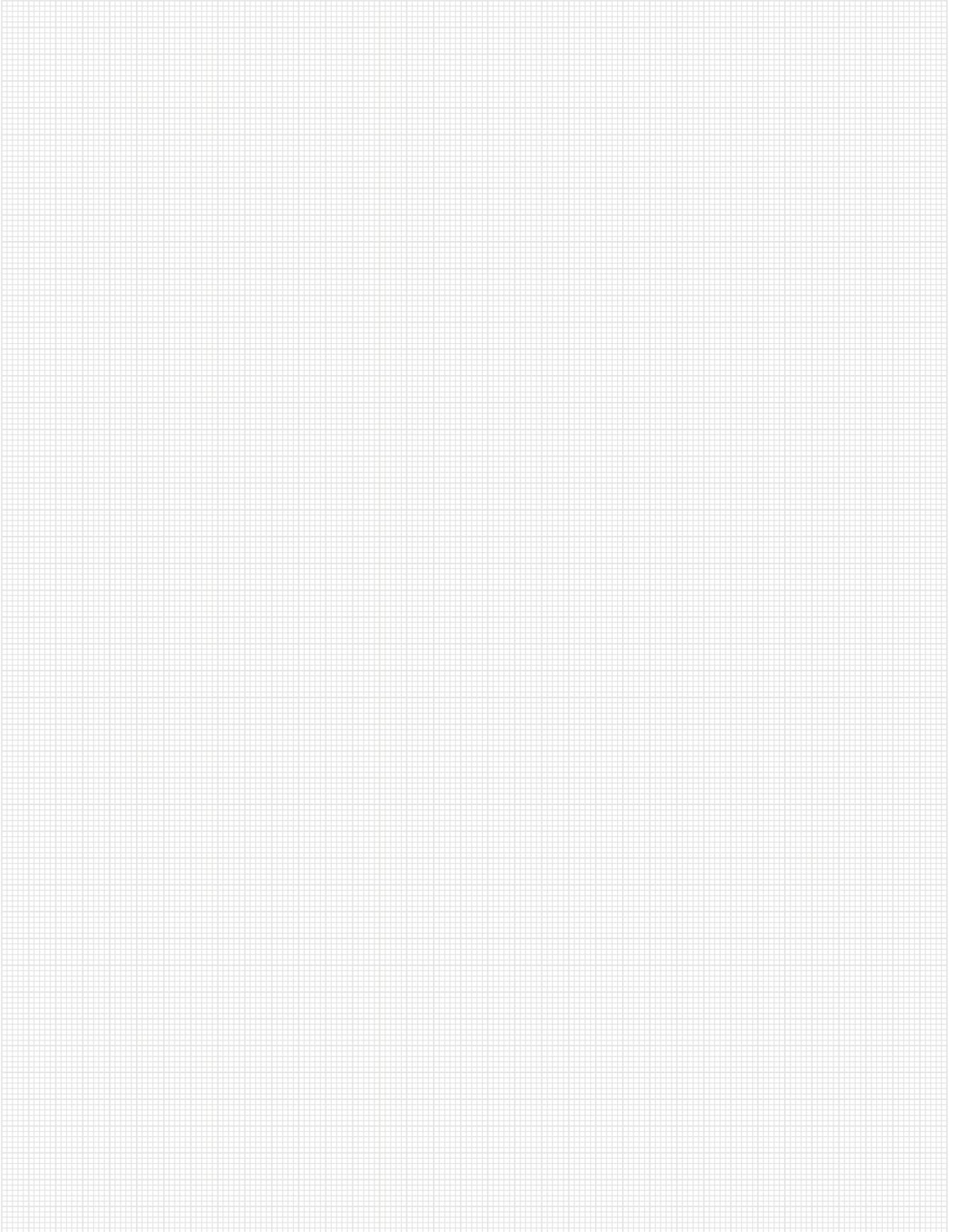


D mm	SB mm	BO mm	Z	n_{\max} min ⁻¹	ID LL	ID RL
70	25	HSK 25 R	9+3	18000	091796	091797

Finishing cutterhead



D mm	SB mm	BO mm	Z	QAL	n_{\max} min ⁻¹	Spindel- neigung °	ID LL	ID RL
125	5,1	HSK 25 R	6	DP	12000	7	192666	192667



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