

NIETZ

GEAR RACK AND PINION



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Dynamic Motion

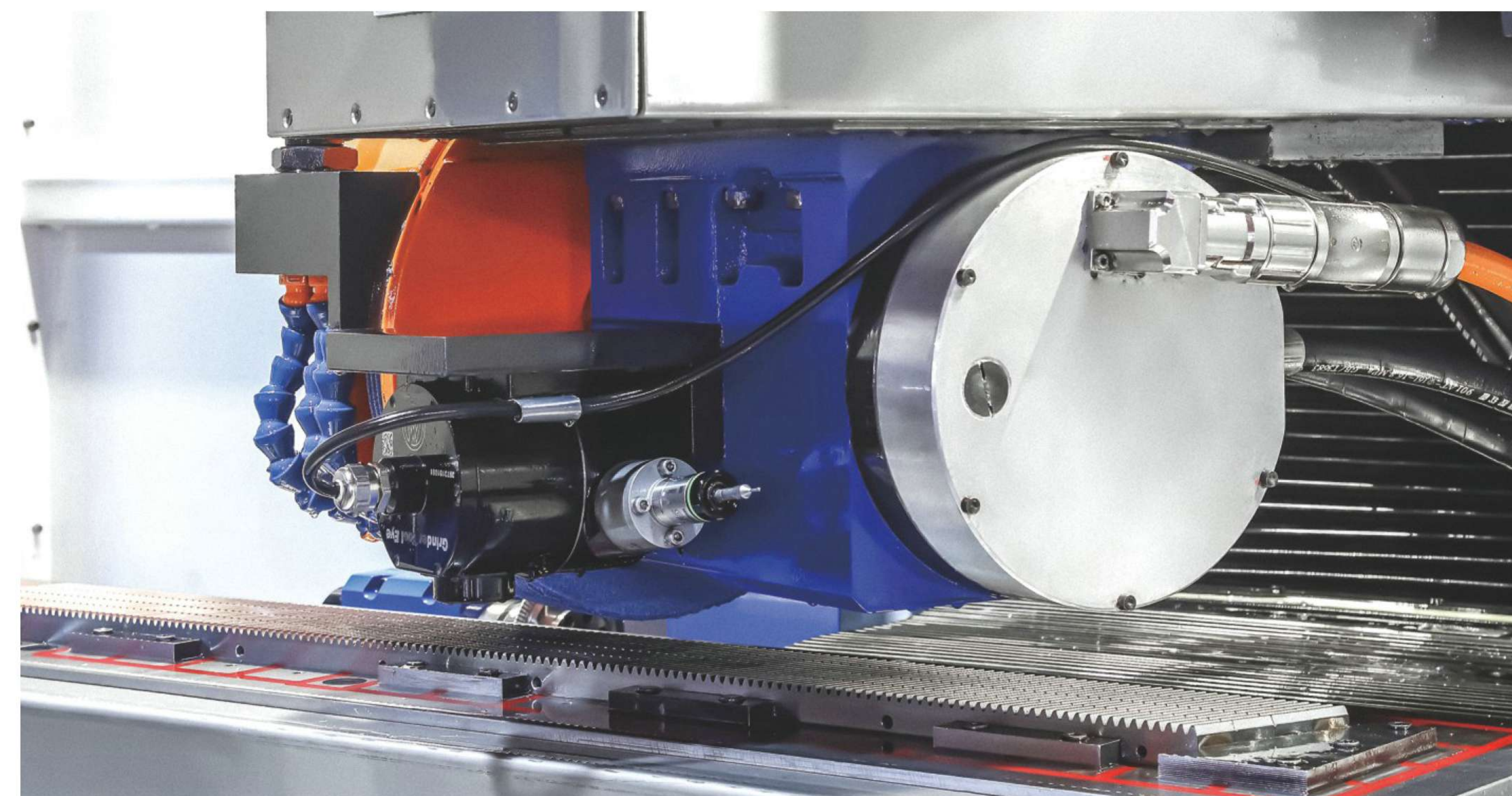
High torque, outstanding precision, and high power density

Availability & Reliability

Nietz designs and produces high-quality standard and customized rack & pinion

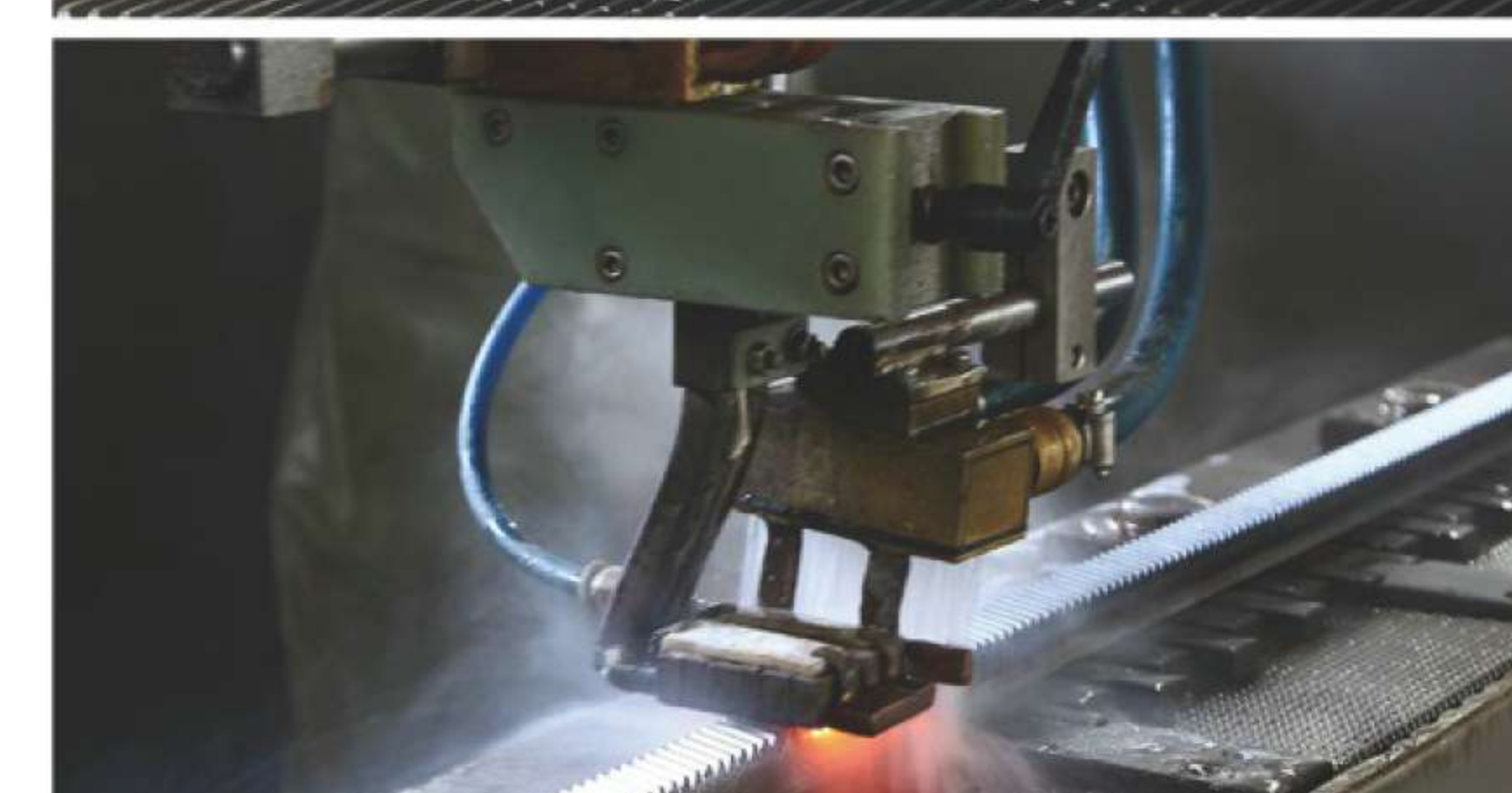
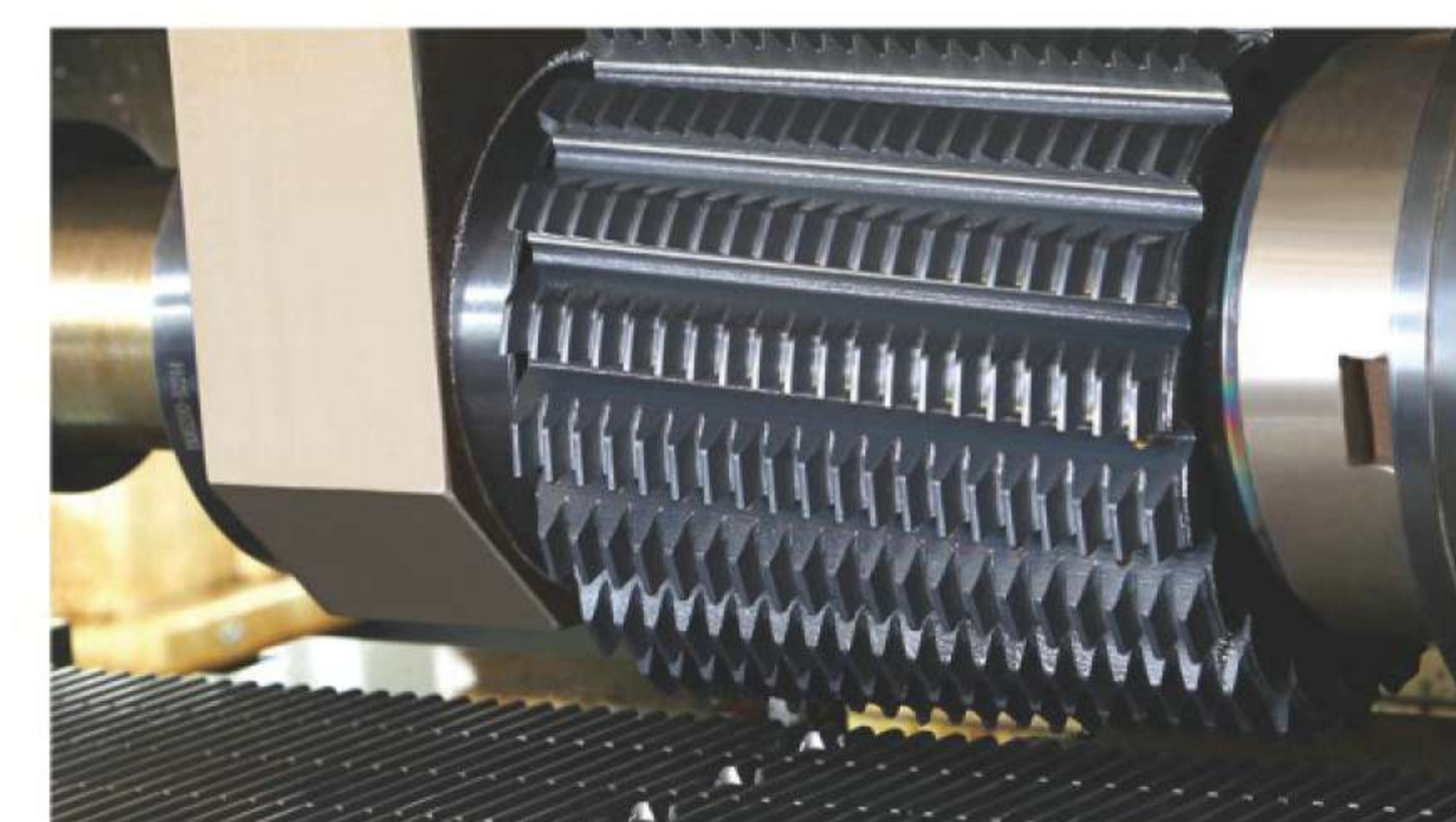
Efficiency, Connectivity

Our concern is to provide the best industrial companies with the best products and services because that is the key to our customer's success.



精工智造 SOPHISTICATED CRAFT

精密设备，高端研发团队，品质保障！
Precision equipment, high-end R & D team, quality assurance! 无可挑剔的智造设备，
精确到丝米的测量单位，
中外研发团队无缝衔接。
魅力完美结合的典范！
Impeccable intellectual equipment.
Accurate to the measuring unit of silk meter.
Chinese and foreign R & D teams seamlessly link up.
The perfect combination of charm!



承载力选择表
SELECTION AND LOAD TABLES

在具有充足的润滑油脂，安全及使用系数1.0，线速度v=1.5m/s的情况下，最大允许扭矩Nm
maximum permissible torques in Nm with adequate lubrication with safety and application factor 1,0; and a speed of 1.5 m/s

模数 module		1 b=10mm				1,5 b=15mm				2 b=20mm				
齿数 number of teeth		15	20	25	40	15	20	25	40	15	20	25	30	40
齿条 rack 材料和齿形 material&tooth system	圆柱齿轮 pinion													
C45材料 C45 soft 直齿 straight	C45材料 C45 soft	0.3	0.9	1.1	10.7	1.0	2.8	8.8	35.3	4.4	14.1	26.9	44.2	98.2
	C45高频淬火 C45 ind.-hardened	1.2	2.5	4.5	14.7	2.0	5.7	17.7	60.0	13.8	28.1	48.0	74.1	134.7
C45 高频淬火 C45 ind.-hardened 直齿 straight	C45高频淬火 C45 ind.-hardened	2.0	8.7	14.7	25.3	7.0	28.2	52.9	95.3	29.8	75.0	128.2	151.7	200.2
C45 高频淬火 C45 ind.-hardened 齿面经磨削 直齿 ground teeth; straight	C45高频淬火 C45 ind.-hardened													
C45 高频淬火 C45 ind.-hardened 齿面经磨削 斜齿 ground teeth; helical	C45高频淬火 C45 ind.-hardened													
16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 直齿 ground teeth; straight	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth													
16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 斜齿 ground teeth; helical	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth													
42CrMo4V调质 42CrMo4V quenched&tempered 直齿 straight	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth													
42CrMo4V 调质 42CrMo4V quenched&tempered 斜齿 helical	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth													

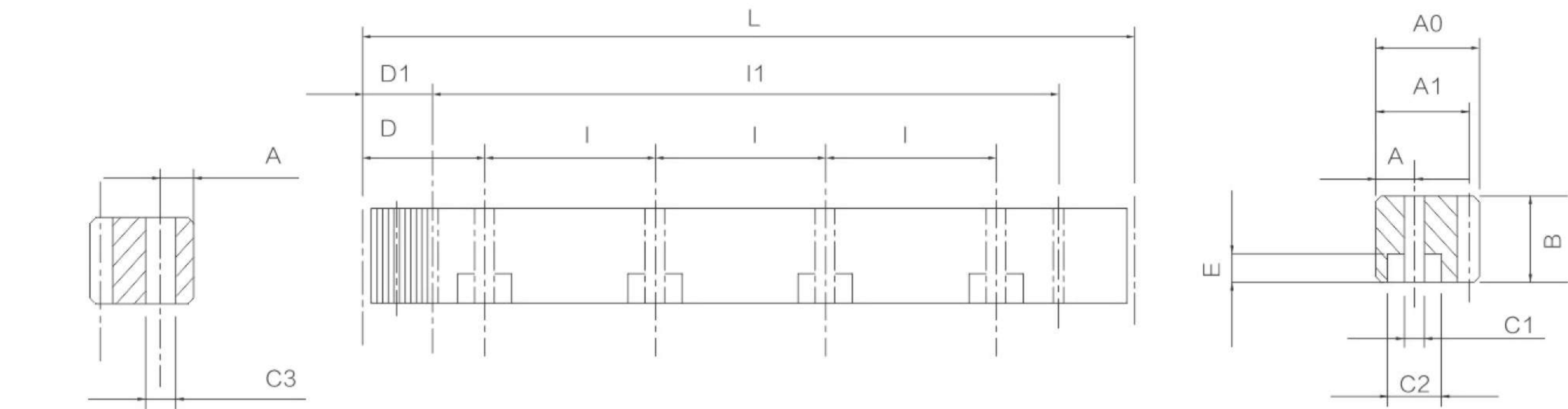
模数 module		2.5 b=25mm				3 b=30mm				
齿数 number of teeth		15	20	25	40	15	20	25	30	40
齿条 rack 材料和齿形 material&tooth system	圆柱齿轮 pinion									
C45材料 C45 soft 直齿 straight	C45材料 C45 soft	8.5	25.1	52.8	175.2	13	46	97.2	159.6	339.8
	C45高频淬火 C45 ind.-hardened	15.6	45.1	95	145.2	40.8	91.9	168.2	243.4	450.3
C45 高频淬火 C45 ind.-hardened 直齿 straight	C45高频淬火 C45 ind.-hardened	60	149.9	255.8	399.7	87.1	215.1	440.0	497.3	780
C45 高频淬火 C45 ind.-hardened 齿面经磨削 直齿 ground teeth; straight	C45高频淬火 C45 ind.-hardened									
C45 高频淬火 C45 ind.-hardened 齿面经磨削 斜齿 ground teeth; helical	C45高频淬火 C45 ind.-hardened									
16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 直齿 ground teeth; straight	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth									
16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 斜齿 ground teeth; helical	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth									
42CrMo4V调质 42CrMo4V quenched&tempered 直齿 straight	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth									
42CrMo4V 调质 42CrMo4V quenched&tempered 斜齿 helical	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth									

承载力选择表
SELECTION AND LOAD TABLES

在具有充足的润滑油脂，安全及使用系数1.0，线速度v=1.5m/s的情况下，最大允许扭矩Nm
maximum permissible torques in Nm with adequate lubrication with safety and application factor 1,0; and a speed of 1.5 m/s

模数 module		4 b=40mm					5 b=50mm				6 b=60mm			
齿数 number of teeth		15	20	25	30	40	15	20	25	40	15	20	25	
齿条 rack 材料和齿形 material&tooth system	圆柱齿轮 pinion													
C45材料 C45 soft 直齿 straight	C45材料 C45 soft	39.9	115.1	240.2	414.1	850.1	89.8	230.0	489.7	800.4	170.2	429.7	870.4	
	C45高频淬火 C45 ind.-hardened	130	249.9	415.2	593.2	1100.4	259.7	499.7	800.4	1200.1	470	810.3	1400.5	
C45 高频淬火 C45 ind.-hardened 直齿 straight	C45高频淬火 C45 ind.-hardened	220.2	640.1	1070.1	1306.9	1710.4	450	1150.0	1660.4	1999.5	794.6	2200.5	2950.0	
C45 高频淬火 C45 ind.-hardened 齿面经磨削 直齿 ground teeth; straight	C45高频淬火 C45 ind.-hardened						1080	2060.0			3640.0			
C45 高频淬火 C45 ind.-hardened 齿面经磨削 斜齿 ground teeth; helical	C45高频淬火 C45 ind.-hardened						1330	3170.0 4180.0						
16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 直齿 ground teeth; straight	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth	1070.1 1330.4 2000.3												
16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 斜齿 ground teeth; helical	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth	770.1	1219.7	1530.2										
42CrMo4V调质 42CrMo4V quenched&tempered 直齿 straight	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth	355.2		575.0	1550.4									
42CrMo4V 调质 42CrMo4V quenched&tempered 斜齿 helical	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth	240.8	370.3	589.9										

模数 module		8 b=80mm			10 b=100mm	
齿数 number of teeth		15	20	25	20	
齿条 rack 材料和齿形 material &tooth system	圆柱齿轮 pinion					
C45材料 C45 soft 直齿 straight	C45材料 C45 soft	420.1	1050.5	2101.0		
	C45高频淬火 C45 ind.-hardened	1149.5	2101.0	3398.0	4000	
C45 高频淬火 C45 ind.-hardened 直齿 straight	C45高频淬火 C45 ind.-hardened	1898.0	4502.0	7500.0	9900.0	
C45 高频淬火 C45 ind.-hardened 齿面经磨削 直齿 ground teeth; straight	C45高频淬火 C45 ind.-hardened	6870.0			12850.0	
C45 高频淬火 C45 ind.-hardened 齿面经磨削 斜齿 ground teeth; helical	C45高频淬火 C45 ind.-hardened				14000.0	
16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 直齿 ground teeth; straight	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth					
16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 斜齿 ground teeth; helical	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth					
42CrMo4V调质 42CrMo4V quenched&tempered 直齿 straight	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth					
42CrMo4V 调质 42CrMo4V quenched&tempered 斜齿 helical	16MnCr5 渗碳淬火 16MnCr5 case-hardened 齿面经磨削 ground teeth					



单位/Dimension: mm

型号 Code	模数 Module	Pt	L	齿数 Tooth No.	B	A0	A1	D	I	孔数 Hole No.	A	C1	C2	E	D1	I1	C3	Fp
551 010 050	1.5	4.7123	499.51	106	17	17	15.5	62.44	124.88	4	7	6	9.5	7	29	441.5	5.7	0.029
551 010 100	1.5	4.7123	999.03	212	17	17	15.5	62.44	124.88	8	7	6	9.5	7	29	941.0	5.7	0.033
551 015 050	1.5	4.7123	499.50	106	19	19	17.5	62.44	124.88	4	8	7	11	7	29	441.5	5.7	0.029
551 015 100	1.5	4.7123	999.03	212	19	19	17.5	62.44	124.88	8	8	7	11	7	29	941.0	5.7	0.033
551 020 050	2	6.2831	502.65	80	24	24	22	62.83	125.66	4	8	7	11	7	31.3	440.1	5.7	0.029
551 020 100	2	6.2831	1005.31	160	24	24	22	62.83	125.66	8	8	7	11	7	31.3	942.7	5.7	0.034
551 030 050	3	9.4247	508.94	54	29	29	26	63.62	127.23	4	9	10	15	9	34.4	440.1	7.7	0.032
551 030 100	3	9.4247	1017.88	108	29	29	26	63.62	127.23	8	9	10	15	9	34.4	949.1	7.7	0.037
551 040 050	4	12.5666	502.65	40	39	39	35	62.83	125.66	4	12	10	15	9	37.5	427.7	7.7	0.034
551 040 100	4	12.5666	1005.31	80	39	39	35	62.83	125.66	8	12	10	15	9	37.5	930.3	7.7	0.04
551 050 050	5	15.7079	502.65	32	49	39	34	62.83	125.66	4	12	14	20	13	30.1	442.4	11.7	0.034
551 050 100	5	15.7079	1005.31	64	49	39	34	62.83	125.66	8	12	14	20	13	30.1	945.0	11.7	0.04
551 060 050	6	18.8495	508.94	27	59	49	43	63.62	127.23	4	16	18	26	17	31.4	446.1	15.7	0.034
551 060 100	6	18.8495	1017.88	54	59	49	43	63.62	127.23	8	16	18	26	17	31.4	955.0	15.7	0.04
551 080 050	8	25.1327	502.65	20	79	79	71	62.83	125.66	4	25	22	33	21	26.6	449.5	19.7	0.037
551 080 100	8	25.1327	1005.31	40	79	79	71	62.83	125.66	8	25	22	33	21	26.6	952.0	19.7	0.043
551 100 100	10	31.4159	1005.31	32	99	99	89	62.83	125.66	8	32	33	48	32	125.67	754.0	19.7	0.043
551 120 100	12	37.6991	1017.88	27	120	120	108	63.6	127.23	8	40	39	58	38	127.23	763.4	19.7	0.046

端面齿距 Pe=模数×π Fp=总齿距误差

技术要求

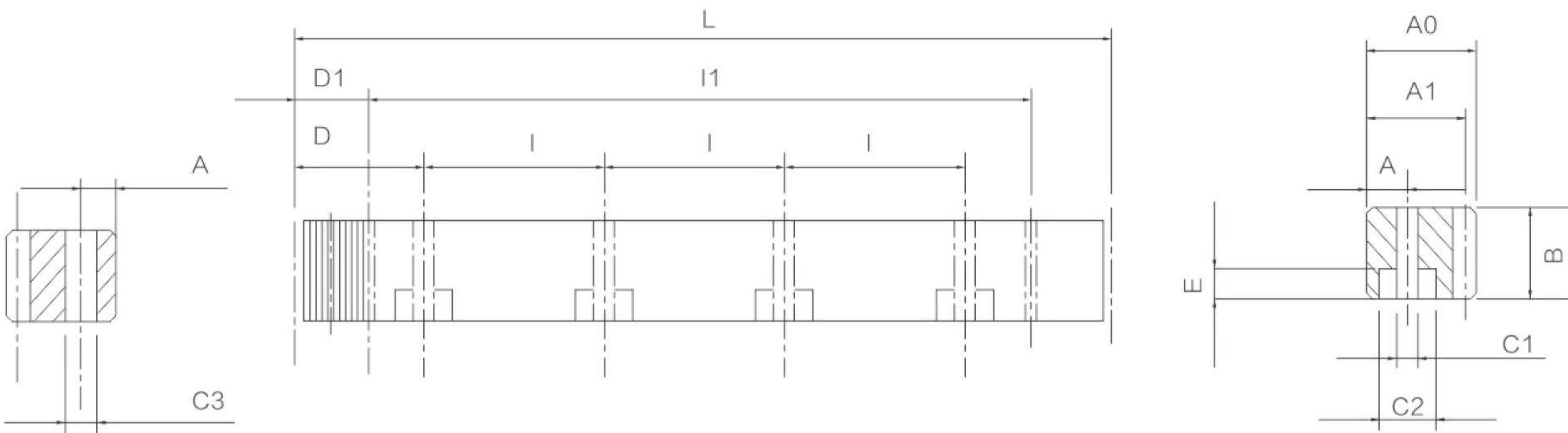
精度等级: DIN6 国标5级
材 料: S45C/42CrMo
齿 型: 直齿
硬度处理: 高频淬火 HRC48-52°/HRC50-55°
生产工艺: 硬齿面处理后四面平磨, 齿面研磨

Technical requirement

Precision grade: DIN6 National standard 5
Material Science: S45C/20CrMo
Tooth type: Straight tooth
Hardness treatment: High frequency quenching HRC48-52°/HRC55°
Production process: Four side grinding after hard tooth surface treatment tooth surface grinding

此样本中的所有产品型号及参数如有变更恕不另行通告, 订货前请于本公司联系确认。

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单位/Dimension: mm

型号 Code	模数 Module	Pt	L	齿数 Tooth No.	B	A0	A1	D	I	孔数 Hole No.	A	C1	C2	E	D1	I1	C3	Fp
661 010 050	1.5	4.7123	499.51	106	17	17	15.5	62.44	124.88	4	7	6	9.5	7	29	441.5	5.7	0.066
661 010 100	1.5	4.7123	999.03	212	17	17	15.5	62.44	124.88	8	7	6	9.5	7	29	941.0	5.7	0.074
661 015 050	1.5	4.7123	499.50	106	19	19	17.5	62.44	124.88	4	8	7	11	7	29	441.5	5.7	0.066
661 015 100	1.5	4.7123	999.03	212	19	19	17.5	62.44	124.88	8	8	7	11	7	29	941.0	5.7	0.074
661 020 050	2	6.2831	502.65	80	24	24	22	62.83	125.66	4	8	7	11	7	31.3	440.1	5.7	0.066
661 020 100	2	6.2831	1005.31	160	24	24	22	62.83	125.66	8	8	7	11	7	31.3	942.7	5.7	0.074
661 030 050	3	9.4247	508.94	54	29	29	26	63.62	127.23	4	9	10	15	9	34.4	440.1	7.7	0.066
661 030 100	3	9.4247	1017.88	108	29	29	26	63.62	127.23	8	9	10	15	9	34.4	949.1	7.7	0.072
661 040 050	4	12.5666	502.65	40	39	39	35	62.83	125.66	4	12	10	15	9	37.5	427.7	7.7	0.072
661 040 100	4	12.5666	1005.31	80	39	39	35	62.83	125.66	8	12	10	15	9	37.5	930.3	7.7	0.078
661 050 050	5	15.7079	502.65	32	49	39	34	62.83	125.66	4	12	14	20	13	30.1	442.4	11.7	0.072
661 050 100	5	15.7079	1005.31	64	49	39	34	62.83	125.66	8	12	14	20	13	30.1	945.0	11.7	0.078
661 060 050	6	18.8495	508.94	27	59	49	43	63.62	127.23	4	16	18	26	17	31.4	446.1	15.7	0.072
661 060 100	6	18.8495	1017.88	54	59	49	43	63.62	127.23	8	16	18	26	17	31.4	955.0	15.7	0.078
661 080 050	8	25.1327	502.65	20	79	79	71	62.83	125.66	4	25	22	33	21	26.6	449.5	19.7	0.08
661 080 100	8	25.1327	1005.31	40	79	79	71	62.83	125.66	8	25	22	33	21	26.6	952.0	19.7	0.085
661 100 100	10	31.4159	1005.31	32	99	99	89	62.83	125.66	8	32	33	48	32	125.7	753.96	19.7	0.09
661 120 100	12	37.6991	1017.88	27	120	120	108	63.6	127.23	8	40	39	58	38	127.23	763.4	19.7	0.09

端面齿距 Pe=模数×π Fp=总齿距误差

技术要求

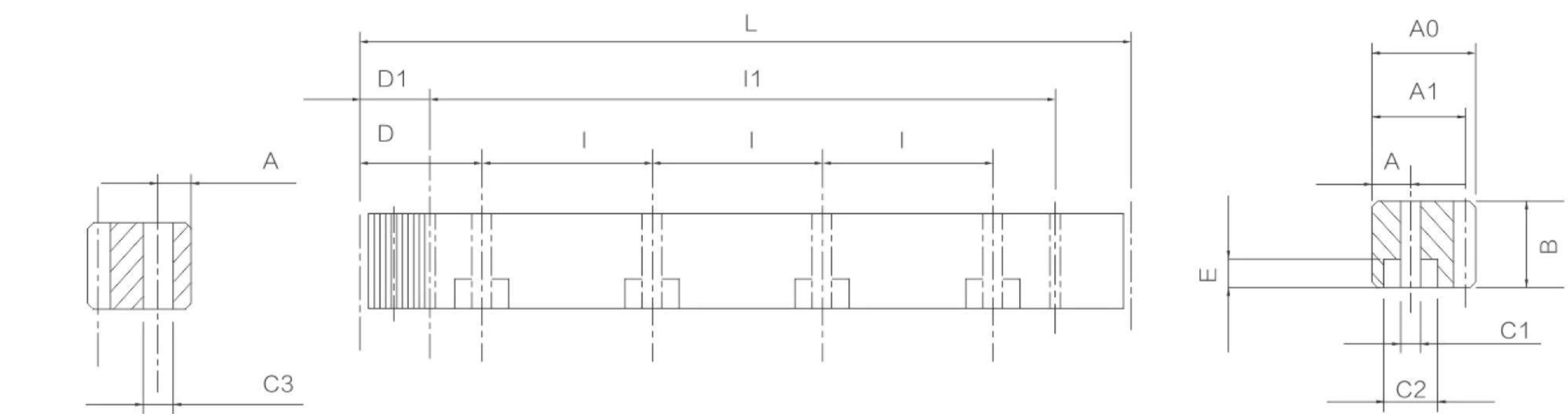
精度等级: DIN8 国际7级
材料: S45C
齿型: 直齿
硬度处理: 调质处理 HB20-25°
生产工艺: 四面平磨精插

Technical requirement

Accuracy level: DIN8 international 7 level.
Material: S45C
Tooth profile: straight tooth
Hardness treatment: quenching and tempering treatment HB20-25°
Production process: four side flat grinding and fine cutting

此样本中的所有产品型号及参数如有变更恕不另行通告, 订货前请于本公司联系确认。

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单位/Dimension: mm																				
型号 Code			模数 Module	Pt	L	齿数 Tooth No.	B	A0	A1	D	I	孔数 Hole No.	A	C1	C2	E	D1	I1	C3	Fp
771	010	050	1.5	4.7123	499.51	106	17	17	15.5	62.44	124.88	4	7	6	9.5	7	29	441.5	5.7	0.08
771	010	100	1.5	4.7123	999.03	212	17	17	15.5	62.44	124.88	8	7	6	9.5	7	29	941.0	5.7	0.09
771	015	050	1.5	4.7123	499.50	106	19	19	17.5	62.44	124.88	4	8	7	11	7	29	441.5	5.7	0.08
771	015	100	1.5	4.7123	999.03	212	19	19	17.5	62.44	124.88	8	8	7	11	7	29	941.0	5.7	0.09
771	020	050	2	6.2831	502.65	80	24	24	22	62.83	125.66	4	8	7	11	7	31.3	440.1	5.7	0.08
771	020	100	2	6.2831	1005.31	160	24	24	22	62.83	125.66	8	8	7	11	7	31.3	942.7	5.7	0.09
771	030	050	3	9.4247	508.94	54	29	29	26	63.62	127.23	4	9	10	15	9	34.4	440.1	7.7	0.088
771	030	100	3	9.4247	1017.88	108	29	29	26	63.62	127.23	8	9	10	15	9	34.4	949.1	7.7	0.101
771	040	050	4	12.5666	502.65	40	39	39	35	62.83	125.66	4	12	10	15	9	37.5	427.7	7.7	0.095
771	040	100	4	12.5666	1005.31	80	39	39	35	62.83	125.66	8	12	10	15	9	37.5	930.3	7.7	0.109
771	050	050	5	15.7079	502.65	32	49	39	34	62.83	125.66	4	12	14	20	13	30.1	442.4	11.7	0.095
771	050	100	5	15.7079	1005.31	64	49	39	34	62.83	125.66	8	12	14	20	13	30.1	945.0	11.7	0.109
771	060	050	6	18.8495	508.94	27	59	49	43	63.62	127.23	4	16	18	26	17	31.4	446.1	15.7	0.095
771	060	100	6	18.8495	1017.88	54	59	49	43	63.62	127.23	8	16	18	26	17	31.4	955.0	15.7	0.109
771	080	050	8	25.1327	502.65	20	79	79	71	62.83	125.66	4	25	22	33	21	26.6	449.5	19.7	0.1
771	080	100	8	25.1327	1005.31	40	79	79	71	62.83	125.66	8	25	22	33	21	26.6	952.0	19.7	0.11
771	100	100	10	31.4159	1005.31	32	99	99	89	62.83	125.66	8	32	33	48	32	125.7	753.96	19.7	0.12
771	120	100	12	37.6991	1017.88	27	120	120	108	63.6	127.23	8	40	39	58	38	127.23	763.4	19.7	0.12

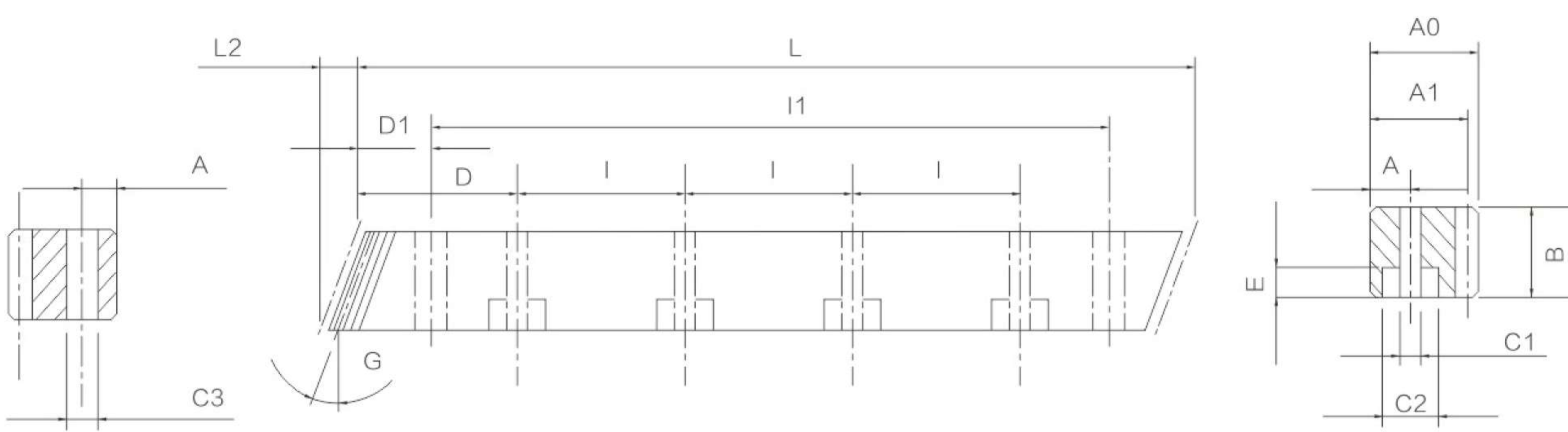
端面齿距 Pe=模数×π Fp=总齿距误差

技术要求
精度等级：DIN8 国际7级
材料：S45C
齿型：直齿
硬度处理：高频淬火 HRC48-52°
生产工艺：四面平磨精插，表面发黑或磷化

Technical requirement
Accuracy level: DIN8 international 7 level.
Material: S45C
Tooth profile: straight tooth
Hardness treatment: high frequency quenching HRC48-52°
Production process: four sides flat grinding, fine insertion, surface blackening or phosphating.

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单位/Dimension: mm																					
型号 Code			模数 Module	Pt	L	L2	齿数 Tooth No.	B	A0	A1	D	I	孔数 Hole No.	A	C1	C2	E	D1	I1	C3	Fp
552	010	050	1.5	4.9999	500.00	6	100	17	17	15.5	62.5	125	4	7	6	9.5	7	31.7	436.6	5.7	0.029
552	010	100	1.5	4.9999	1000.00	6	200	17	17	15.5	62.5	125	8	7	6	9.5	7	31.7	936.6	5.7	0.033
552	015	050	1.5	4.9999	500.00	6.74	100	19	19	17.5	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.029
552	015	100	1.5	4.9999	1000.00	6.74	200	19	19	17.5	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.033
552	020	050	2	6.6666	500.00	8.5	75	24	24	22	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.029
552	020	100	2	6.6666	1000.00	8.5	150	24	24	22	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.034
552	030	050	3	9.9999	500.00	10.3	50	29	29	26	62.5	125	4	9	10	15	9	35.0	430.0	7.7	0.032
552	030	100	3	9.9999	1000.00	10.3	100	29	29	26	62.5	125	8	9	10	15	9	35.0	930.0	7.7	0.037
552	040	050	4	13.3333	506.67	13.8	38	39	39	35	62.5	125	4	12	10	15	9	33.3	433.0	7.7	0.034
552	040	100	4	13.3333	1000.00	13.8	75	39	39	35	62.5	125	8	12	10	15	9	33.3	933.4	7.7	0.04
552	050	050	5	16.6666	500.00	17.4	30	49	39	34	62.5	125	4	12	14	20	13	37.5	425.0	11.7	0.034
552	050	100	5	16.6666	1000.00	17.4	60	49	39	34	62.5	125	8	12	14	20	13	37.5	925.0	11.7	0.04
552	060	050	6	19.9999	500.00	20.9	25	59	49	43	62.5	125	4	16	18	26	17	37.5	425.0	15.7	0.034
552	060	100	6	19.9999	1000.00	20.9	50	59	49	43	62.5	125	8	16	18	26	17	37.5	925.0	15.7	0.04
552	080	050	8	26.6667	480.00	28.0	18	79	79	71	60.0	120	4	25	22	33	21	120	240.0	19.7	0.037
552	080	100	8	26.6667	960.00	28.0	36	79	79	71	60.0	120	8	25	22	33	21	120	720.0	19.7	0.043
552	100	100	10	33.3333	1000.00	35.11	30	99	99	89	62.5	125	8	32	33	48	32	125	750.0	19.7	0.043
552	120	100	12	39.9999	1000.00	42.56	25	120	120	108	40	125	8	40	39	58	38	125	750.0	19.7	0.046

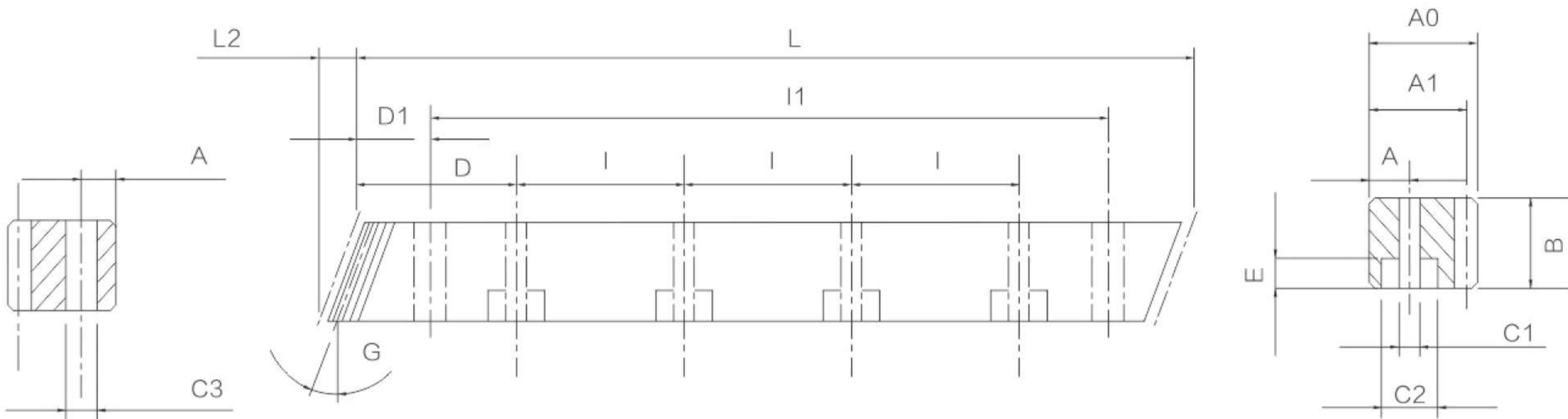
端面齿距 Pe=模数×π/COS(19°31'42") Fp=总齿距误差

技术要求
精度等级：DIN6 国际5级
材料：S45C/42CrMo
齿型：斜齿
右旋角：19°31'42"
硬度处理：高频淬火HRC48-52°/渗碳淬火HRC50-55°
生产工艺：硬齿面处理后四面平磨，齿面研磨

Technical requirement
Accuracy level: DIN6 international 5 level.
Material: S45C/42CrMo
Tooth profile: helical teeth
Right angle: 19°31' 42'
Hardness treatment: high frequency quenching HRC48-52°/HRC50-55°
Production process: four side grinding after hard tooth surface treatment, tooth surface grinding.

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单位/Dimension: mm

型号 Code	模数 Module	Pt	L	L2	齿数 Tooth No.	B	A0	A1	D	I	孔数 Hole No.	A	C1	C2	E	D1	I1	C3	Fp
662 010 050	1.5	4.9999	500.00	6	100	17	17	15.5	62.5	125	4	7	6	9.5	7	31.7	436.6	5.7	0.066
662 010 100	1.5	4.9999	1000.00	6	200	17	17	15.5	62.5	125	8	7	6	9.5	7	31.7	936.6	5.7	0.074
662 015 050	1.5	4.9999	500.00	6.74	100	19	19	17.5	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.066
662 015 100	1.5	4.9999	1000.00	6.74	200	19	19	17.5	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.074
662 020 050	2	6.6666	500.00	8.5	75	24	24	22	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.066
662 020 100	2	6.6666	1000.00	8.5	150	24	24	22	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.074
662 030 050	3	9.9999	500.00	10.3	50	29	29	26	62.5	125	4	9	10	15	9	35.0	430.0	7.7	0.066
662 030 100	3	9.9999	1000.00	10.3	100	29	29	26	62.5	125	8	9	10	15	9	35.0	930.0	7.7	0.072
662 040 050	4	13.3333	506.67	13.8	38	39	39	35	62.5	125	4	12	10	15	9	33.3	433.0	7.7	0.072
662 040 100	4	13.3333	1000.00	13.8	75	39	39	35	62.5	125	8	12	10	15	9	33.3	933.4	7.7	0.078
662 050 050	5	16.6666	500.00	17.4	30	49	39	34	62.5	125	4	12	14	20	13	37.5	425.0	11.7	0.072
662 050 100	5	16.6666	1000.00	17.4	60	49	39	34	62.5	125	8	12	14	20	13	37.5	925.0	11.7	0.078
662 060 050	6	19.9999	500.00	20.9	25	59	49	43	62.5	125	4	16	18	26	17	37.5	425.0	15.7	0.072
662 060 100	6	19.9999	1000.00	20.9	50	59	49	43	62.5	125	8	16	18	26	17	37.5	925.0	15.7	0.078
662 080 050	8	26.6667	480.00	28.0	18	79	79	71	60.0	120	4	25	22	33	21	120	240.0	19.7	0.08
662 080 100	8	26.6667	960.00	28.0	36	79	79	71	60.0	120	8	25	22	33	21	120	720.0	19.7	0.085
662 100 100	10	33.3333	1000.00	35.11	30	99	99	89	62.5	125	8	32	33	48	32	125	750.0	19.7	0.09
662 120 100	12	39.9999	1000.00	42.56	25	120	120	108	40	125	8	40	39	58	38	125	750.0	19.7	0.09

端面齿距 Pe=模数×π/COS(19°31'42") Fp=总齿距误差

技术要求

精度等级: DIN8 国际7级

材料: S45C

齿型: 斜齿

右旋角: 19° 31' 42"

硬度处理: 调质处理HB20-25°

生产工艺: 四面平磨精插

Technical requirement

Accuracy level: DIN8 international 7 level.

Material: S45C

Tooth profile: helical teeth

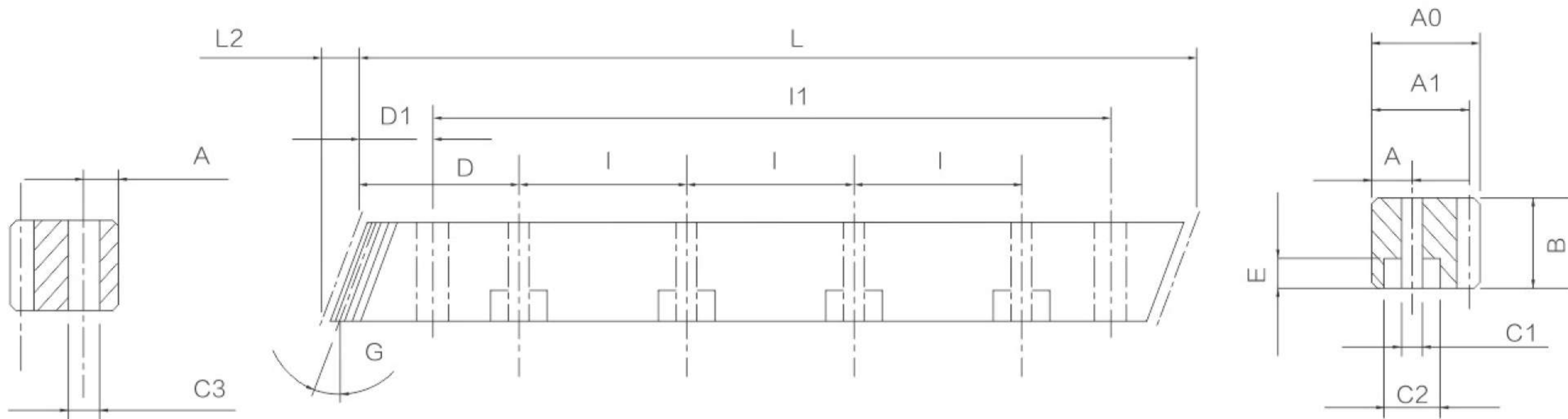
Right angle: 19° 31' 42'

Hardness treatment: quenching and tempering treatment HB20-25°

Production process: four sides flat grinding and fine cutting

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单位/Dimension: mm

型号 Codeii	模数 Module	Pt	L	L2	齿数 Tooth No.	B	A0	A1	D	I	孔数 Hole No.	A	C1	C2	E	D1	I1	C3	Fp
772 010 050	1.5	4.9999	500.00	6	100	17	17	15.5	62.5	125	4	7	6	9.5	7	31.7	436.6	5.7	0.08
772 010 100	1.5	4.9999	1000.00	6	200	17	17	15.5	62.5	125	8	7	6	9.5	7	31.7	936.6	5.7	0.09
772 015 050	1.5	4.9999	500.00	6.74	100	19	19	17.5	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.08
772 015 100	1.5	4.9999	1000.00	6.74	200	19	19	17.5	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.09
772 020 050	2	6.6666	500.00	8.5	75	24	24	22	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.08
772 020 100	2	6.6666	1000.00	8.5	150	24	24	22	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.09
772 030 050	3	9.9999	500.00	10.3	50	29	29	26	62.5	125	4	9	10	15	9	35.0	430.0	7.7	0.088
772 030 100	3	9.9999	1000.00	10.3	100	29	29	26	62.5	125	8	9	10	15	9	35.0	930.0	7.7	0.101
772 040 050	4	13.3333	506.67	13.8	38	39	39	35	62.5	125	4	12	10	15	9	33.3	433.0	7.7	0.095
772 040 100	4	13.3333	1000.00	13.8	75	39	39	35	62.5	125	8	12	10	15	9	33.3	933.4	7.7	0.109
772 050 050	5	16.6666	500.00	17.4	30	49	39	34	62.5	125	4	12	14	20	13	37.5	425.0	11.7	0.095
772 050 100	5	16.6666	1000.00	17.4	60	49	39	34	62.5	125	8	12	14	20	13	37.5	925.0	11.7	0.109
772 060 050	6	19.9999	500.00	20.9	25	59	49	43	62.5	125	4	16	18	26	17	37.5	425.0	15.7	0.095
772 060 100	6	19.9999	1000.00	20.9	50	59	49	43	62.5	125	8	16	18	26	17	37.5	925.0	15.7	0.109
772 080 050	8	26.6667	480.00	28.0	18	79	79	71	60.0	120	4	25	22	33	21	120	240.0	19.7	0.1
772 080 100	8	26.6667	960.00	28.0	36	79	79	71	60.0	120	8	25	22	33	21	120	720.0	19.7	0.11
772 100 100	10	33.3333	1000.00	35.11	30	99	99	89	62.5	125	8	32	33	48	32	125	750.0	19.7	0.12
772 120 100	12	39.9999	1000.00	42.56	25	120	120	108	40	125	8	40	39	58	38	125	750.0	19.7	0.12

端面齿距 Pe=模数×π/COS(19°31'42") Fp=总齿距误差

技术要求

精度等级: DIN8 国际7级

材料: S45C

齿型: 斜齿

右旋角: 19° 31' 42"

硬度处理: 高频淬火 HRC48-52°

生产工艺: 四面平磨精插, 表面发黑或磷化

Technical requirement

Accuracy level: DIN8 international 7 level.

Material: S45C

Tooth profile: Oblique tooth

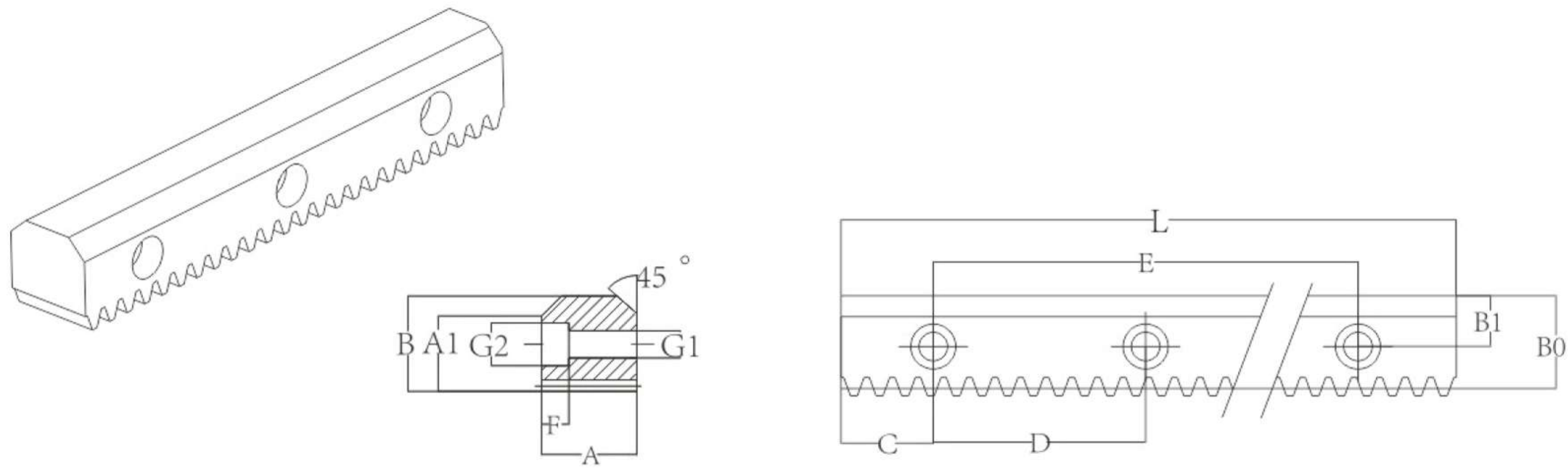
Right angle: 19° 31' 42'

Hardness treatment: high frequency quenching HRC48-52°

Production process: four sides flat grinding, fine insertion, surface blackening or phosphating.

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单位/Dimension: mm

型号 Code	模数 Module	Pt	L	A	B	B0	C	D	B1	A1	G1	G2	F	E
VX55315063	1.5915	5	630	14.5	24.5	22.9	15	100	13	20	7	11	7	600
VX55315103	1.5915	5	1030	14.5	24.5	22.9	15	100	13	20	7	11	7	1000
VX55320063	1.5915	5	630	19.5	29.5	27.9	15	100	15.5	23.5	9	15	9	600
VX55320103	1.5915	5	1030	19.5	29.5	27.9	15	100	15.5	23.5	9	15	9	1000
VX55325063	2.3873	7.5	630	24.7	33	30.61	15	100	18.5	25.2	9	15	9	600
VX55325093	2.3873	7.5	930	24.7	33	30.61	15	100	18.5	25.2	9	15	9	900
VX55325123	2.3873	7.5	1230	24.7	33	30.61	15	100	18.5	25.2	9	15	9	1200
VX55335063	3.1831	10	630	34.6	46.6	43.41	15	100	28.6	36.7	11	18	11	600
VX55335093	3.1831	10	930	34.6	46.6	43.41	15	100	28.6	36.7	11	18	11	900
VX55335123	3.1831	10	1230	34.6	46.6	43.41	15	100	28.6	36.7	11	18	11	1200

总齿距误差/Total pitch error GTF/1000<0.036mm

技术要求

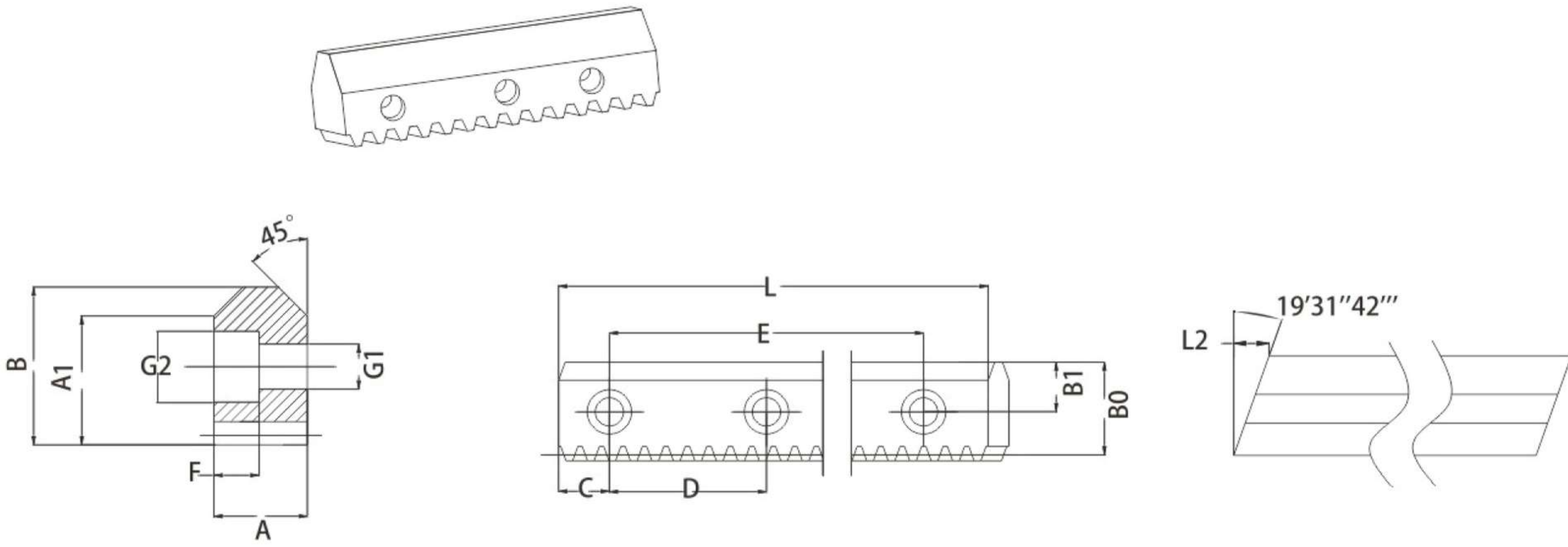
精度等级: DIN6e25
材料: S45C/42CrMo
齿型: 直齿
硬度处理: 高频淬火HRC48-52° / 渗碳淬火HRC55-60°
生产工艺: 四面研磨, 齿面研磨, V型导轨面研磨
V型导轨硬度HRC50-55°/HRC55-60°

Technical requirement

Accuracy level: DIN6e25
Material: S45C/42CrMo
Tooth type: straight tooth.
Production process: four sides grinding, tooth surface grinding, V rail surface grinding.
V rail hardness HRC48-52° /HRC55-60°

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单位/Dimension: mm

型号 Code	模数 Module	Pt	L	L2	A	B	B0	C	D	B1	A1	G1	G2	F	E
VXX66315063	1.5	4.9999	630	5.143	14.5	24.5	23	65	100	13	20	7	11	7	500
VXX66315103	1.5	4.9999	1030	5.143	14.5	24.5	23	65	100	13	20	7	11	7	900
VXX66320063	1.5	4.9999	630	6.916	19.5	29.5	28	65	100	15.5	23.5	9	15	9	500
VXX66320103	1.5	4.9999	1030	6.916	19.5	29.5	28	65	100	15.5	23.5	9	15	9	900
VXX66325064	2	6.6666	640	8.76	24.7	33	31	70	100	18.5	25.2	9	15	9	500
VXX66325094	2	6.6666	940	8.76	24.7	33	31	70	100	18.5	25.2	9	15	9	800
VXX66325124	2	6.6666	1240	8.76	24.7	33	31	70	100	18.5	25.2	9	15	9	1100
VXX66335063	3	9.9999	630	12.272	34.6	46.6	43.6	65	100	28.6	36.7	11	18	11	500
VXX66335093	3	9.9999	930	12.272	34.6	46.6	43.6	65	100	28.6	36.7	11	18	11	800
VXX66335123	3	9.9999	1230	12.272	34.6	46.6	43.6	65	100	28.6	36.7	11	18	11	1100

总齿距误差/Total pitch error GTF/1000<0.036mm

技术要求

精度等级: DIN6e25
材料: 42CrMo
齿型: 斜齿
硬度处理: 高频淬火HRC48-52°/渗碳淬火HRC55-60°
生产工艺: 四面研磨, 齿面研磨, V型导轨面研磨
V型导轨硬度HRC48-52°/HRC55-60°

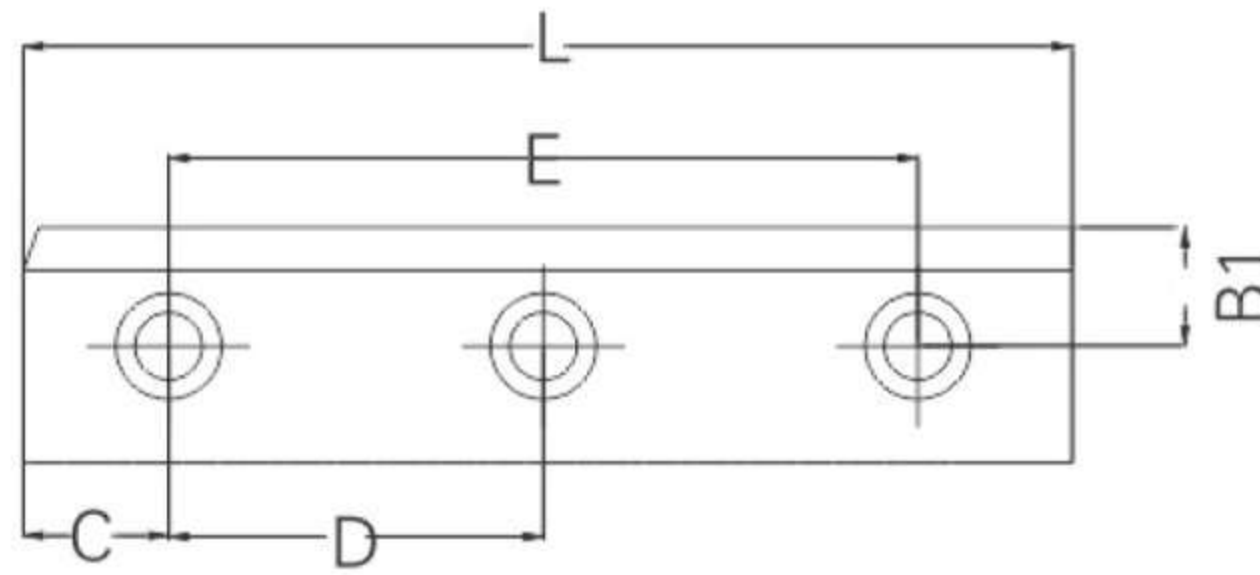
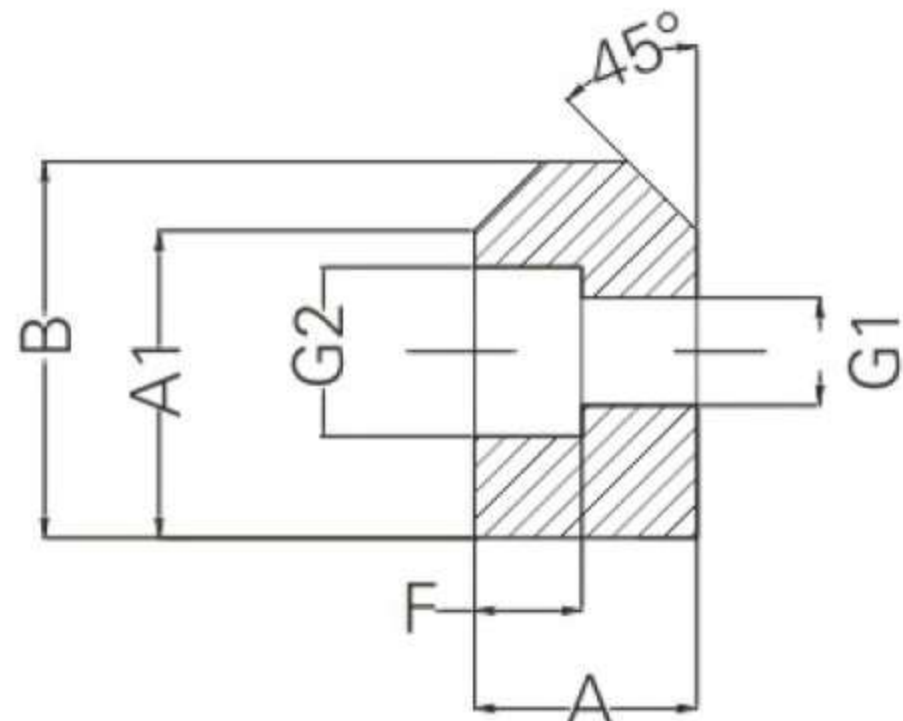
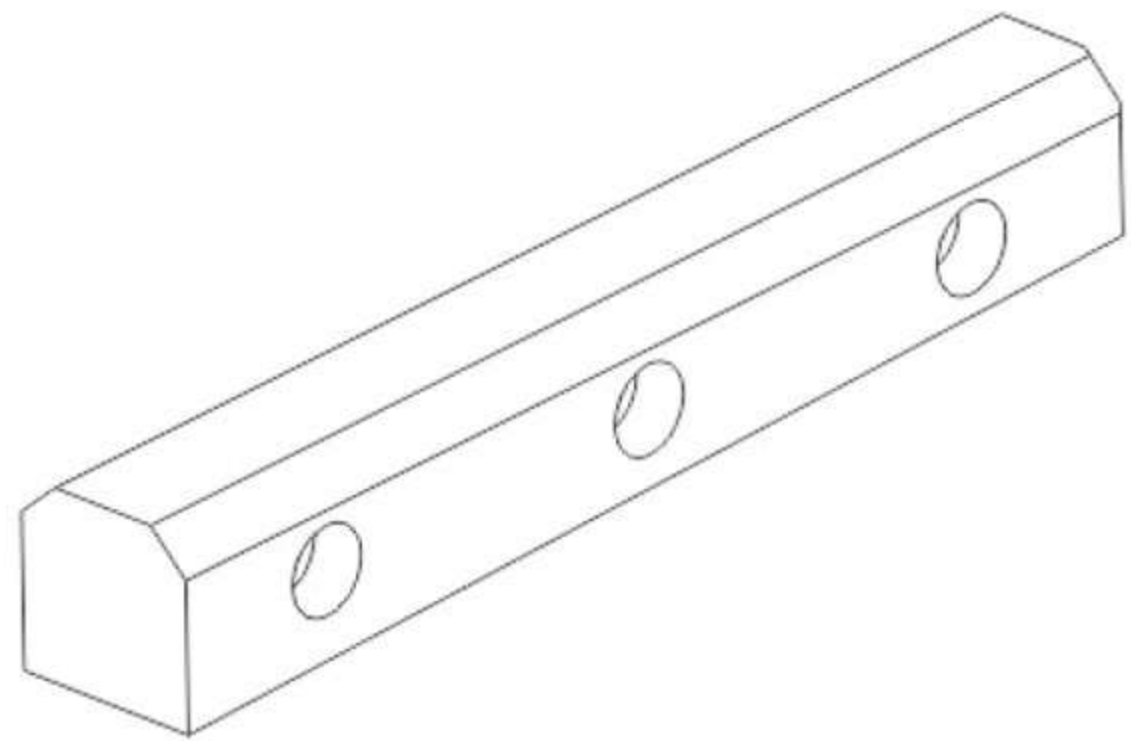
Technical requirement

Accuracy level: DIN6e25
Material: 42CrMo
Tooth type: helical tooth.
Hardness treatment: high frequency quenching HRC48-52°
carburizing quenching HRC55-60°
Production process: four sides grinding, tooth surface grinding, V rail surface grinding.
V rail hardness HRC48-52° /HRC55-60°

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V型研磨导轨
V GRINDING GUIDE



单位/Dimension: mm

型号 Code	L	A	B	C	D	B1	A1	G1	G2	F	E
VXT77315063	630	14.5	24.5	15	100	13	20	7	11	7	600
VXT77315103	1030	14.5	24.5	15	100	13	20	7	11	7	1000
VXT77320063	630	19.5	29.5	15	100	15.5	23.5	9	15	9	600
VXT77320103	1030	19.5	29.5	15	100	15.5	23.5	9	15	9	1000
VXT77325063	630	24.7	33	15	100	18.5	25.2	9	15	9	600
VXT77325093	930	24.7	33	15	100	18.5	25.2	9	15	9	900
VXT77325123	1230	24.7	33	15	100	18.5	25.2	9	15	9	1200
VXT77325063	630	34.6	46.6	15	100	28.6	36.7	11	18	11	600
VXT77335093	930	34.6	46.6	15	100	28.6	36.7	11	18	11	900
VXT77335123	1230	34.6	46.6	15	100	28.6	36.7	11	18	11	1200

技术要求

材料：S45C/42CrMo

硬度处理：V型导轨面高频淬火 HRC48-52°/HRC55-60°

生产工艺：四面研磨，V型导轨面研磨

Technical requirement

Material: S45C/42CrMo

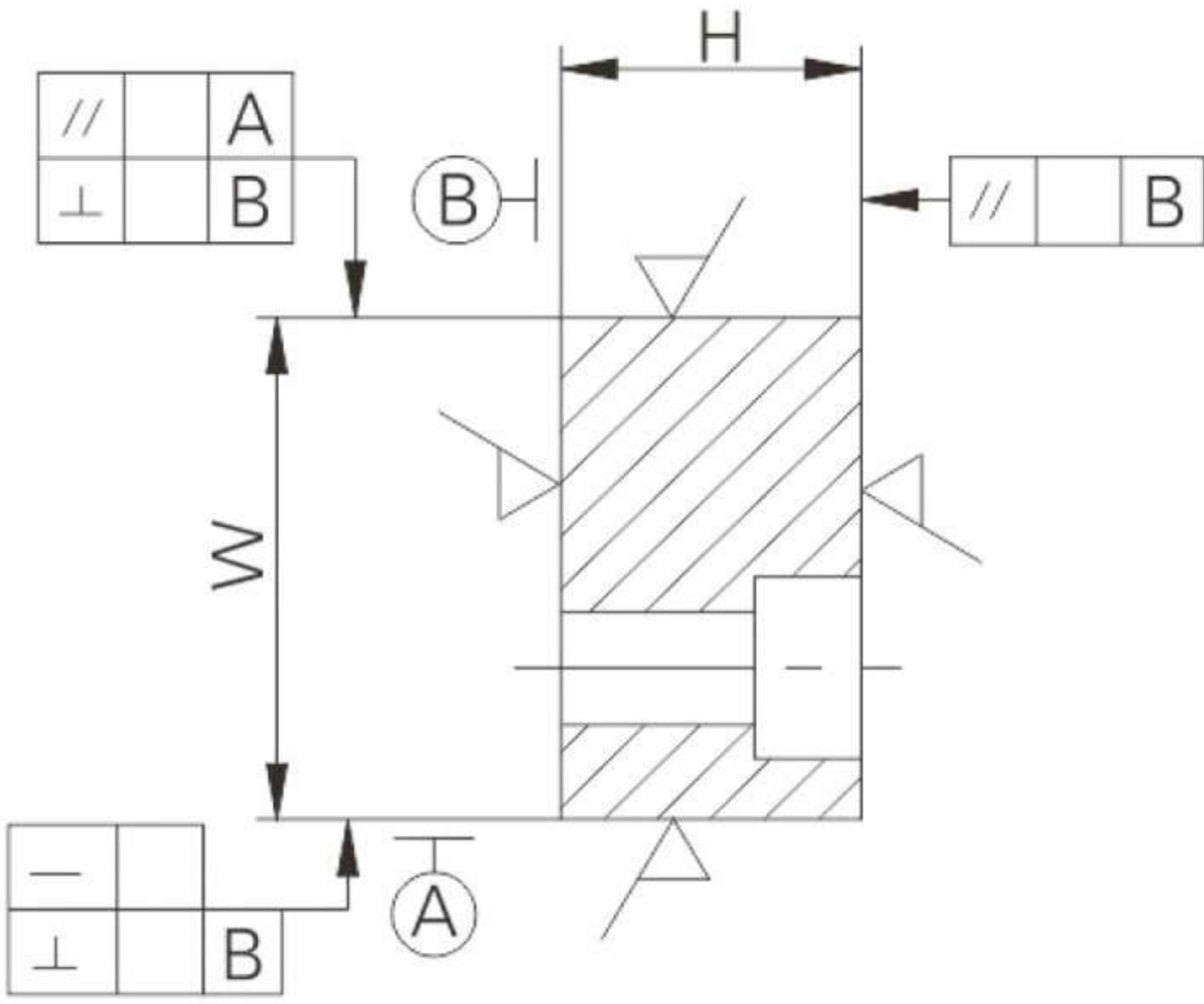
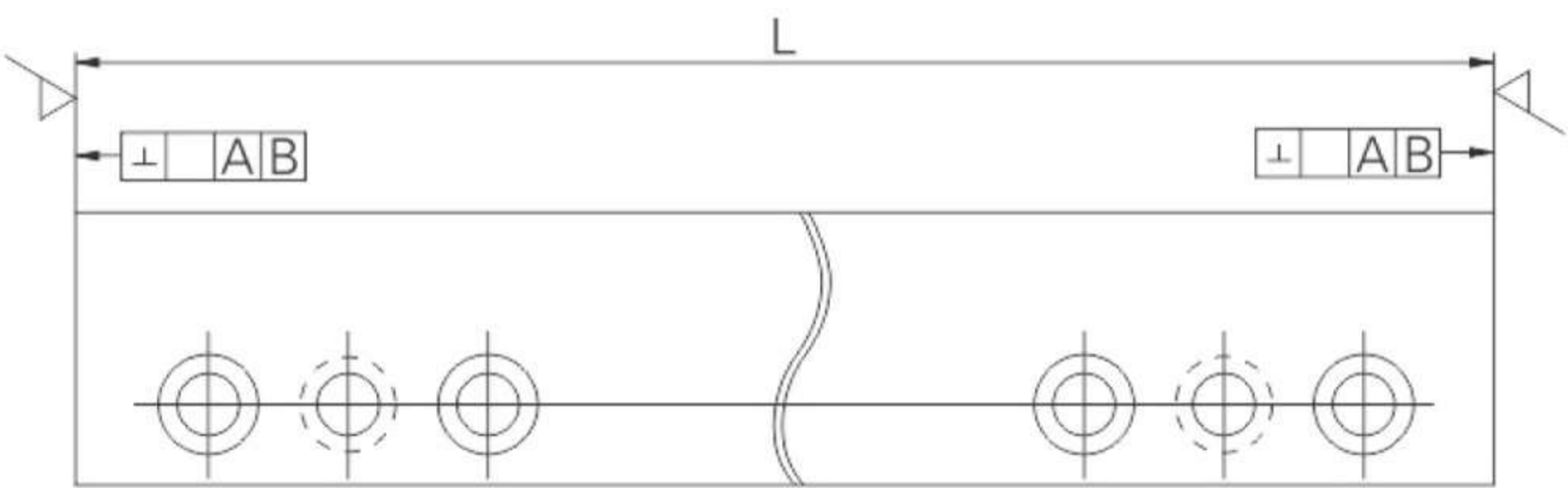
Hardness treatment: V rail surface hardness HRC48-52°/HRC55-60°

Production process: four side grinding, V rail surface grinding

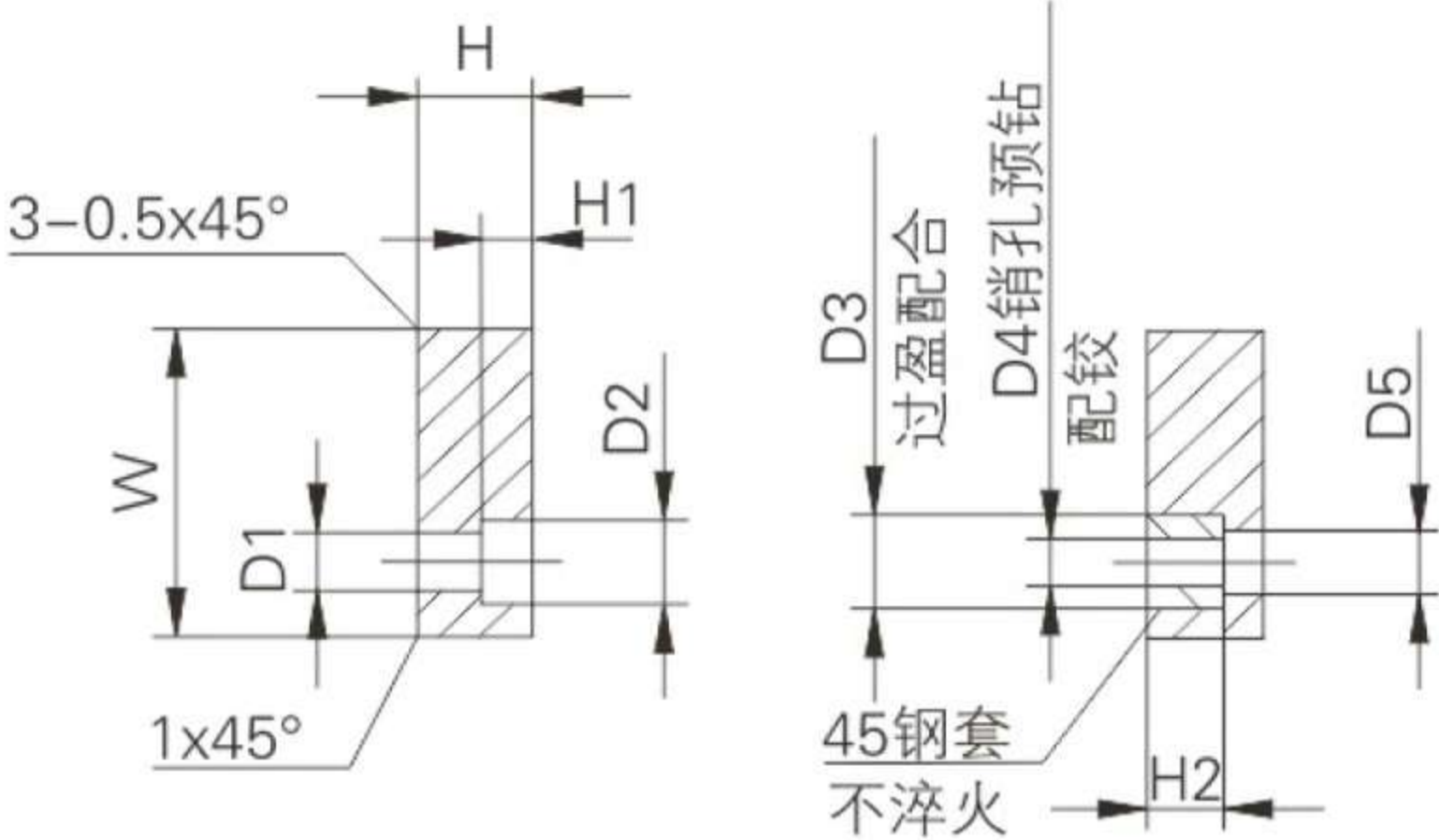
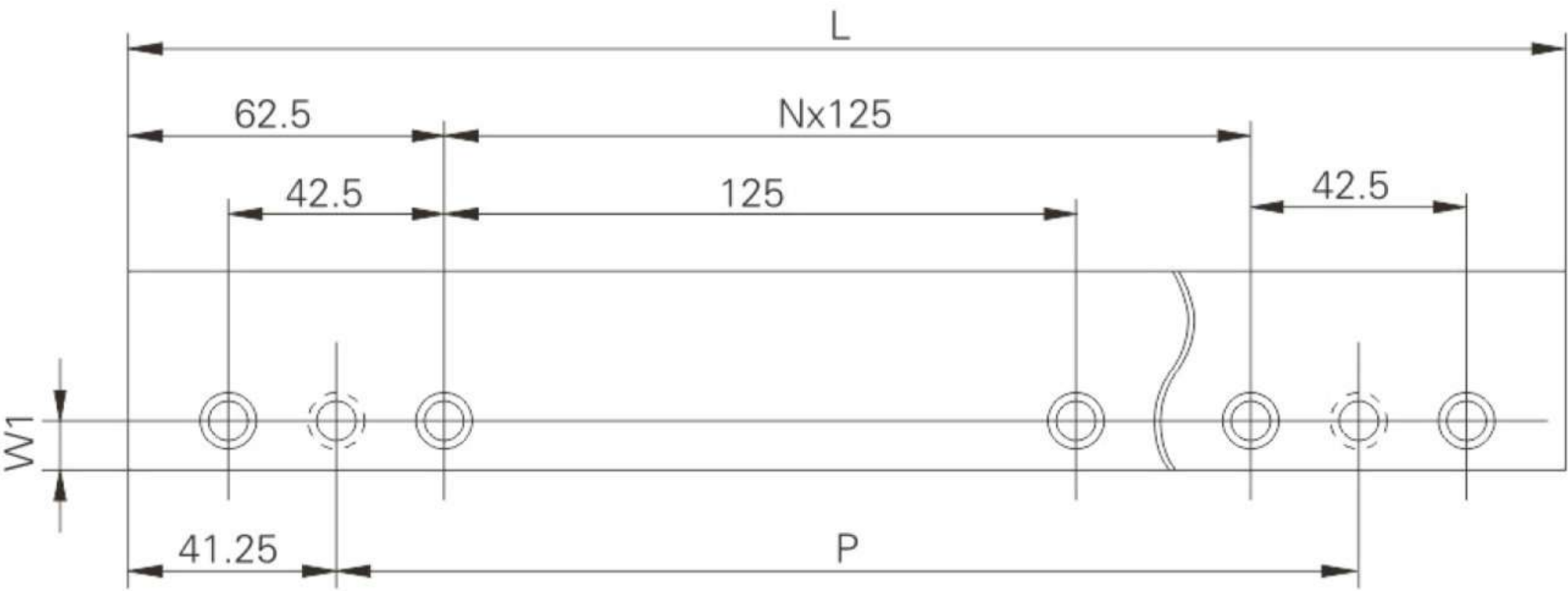
矩形导轨
RECTANGULAR GUIDE RAIL

精度参数

项目	单位	数值
形位公差（在1m长上）	直线度（ — ）	mm 0.02
	平面度（ ▭ ）	mm 0.02
	垂直度（ ⊥ ）	mm 0.02
	平行度（ // ）	mm 0.02
形位公差（ ∇ ）	um	0.8
外形尺寸一致性	mm	0.02



技术参数



型号 Code	L	W	W1	H	H1	H2	N	P	D1	D2	D3	D4	D5	螺栓规格
J15-1000	1000	40	10	15	7	10	7	917.5	φ 7.5	φ 11	φ 12H7	φ 5.8	φ 8	M6×168.8级
J15-500	500	40	10	15	7	10	3	417.5	φ 7.5	φ 11	φ 12H7	φ 5.8	φ 8	M6×168.8级
J20-1000	1000	65	20	20	9	13	7	917.5	φ 9.5	φ 15	φ 12H7	φ 5.8	φ 8	M6×208.8级
J20-500	500	65	20	20	9	13	3	417.5	φ 9.5	φ 15	φ 12H7	φ 5.8	φ 8	M6×208.8级
J25-1000	1000	40	12	25	9	13	7	917.5	φ 9.5	φ 15	φ 14H7	φ 7.8	φ 10	M8×258.8级
J25-500	500	40	12	25	9	13	3	417.5	φ 9.5	φ 15	φ 14H7	φ 7.8	φ 10	M8×258.8级
J30-1000	1000	45	15	30	11	13	7	917.5	φ 11.5	φ 18	φ 14H7	φ 7.8	φ 10	M8×308.8级
J30-500	500	45	15	30	11	13	3	417.5	φ 11.5	φ 18	φ 14H7	φ 7.8	φ 10	M8×308.8级
J35-1000	1000	60	20	35	13	15	7	917.5	φ 13.5	φ 20	φ 16H7	φ 9.7	φ 12	M12×358.8级
J35-500	500	60	20	35	13	15	3	417.5	φ 13.5	φ 20	φ 16H7	φ 9.7	φ 12	M12×358.8级
J45-1000	1000	90	20	45	13	20	7	917.5	φ 13.5	φ 20	φ 16H7	φ 9.7	φ 12	M12×458.8级
J45-500	500	90	20	45	13	20	3	417.5	φ 13.5	φ 20	φ 16H7	φ 9.7	φ 12	M12×458.8级

技术要求

材料：42CrMo

硬度处理：导轨面高频淬火 HRC55-60°

生产工艺：四面研磨

Technical requirement

Material: 42CrMo

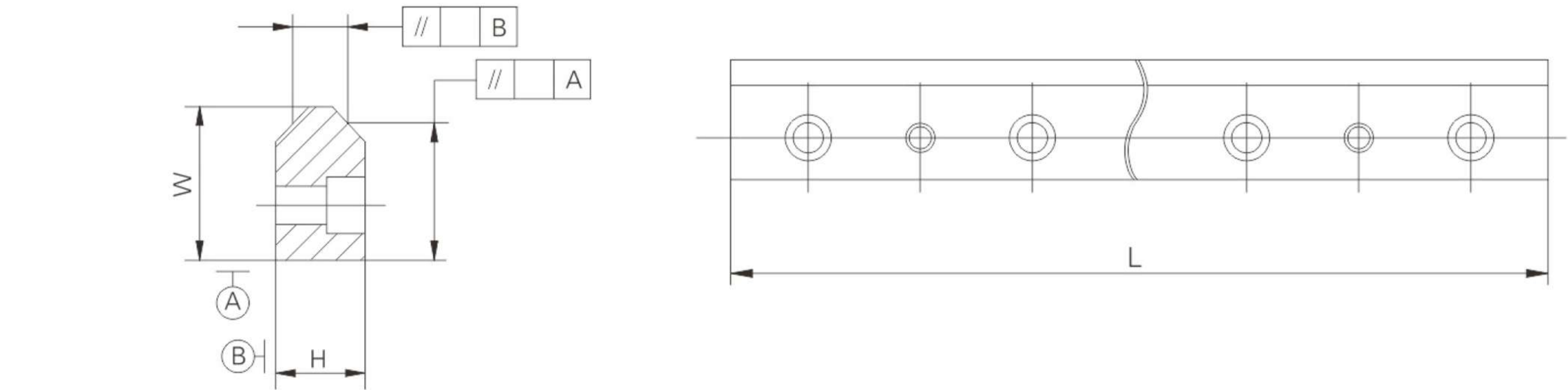
High frequency quenching of guide rail surface HRC55-60°

Production process: four side grinding

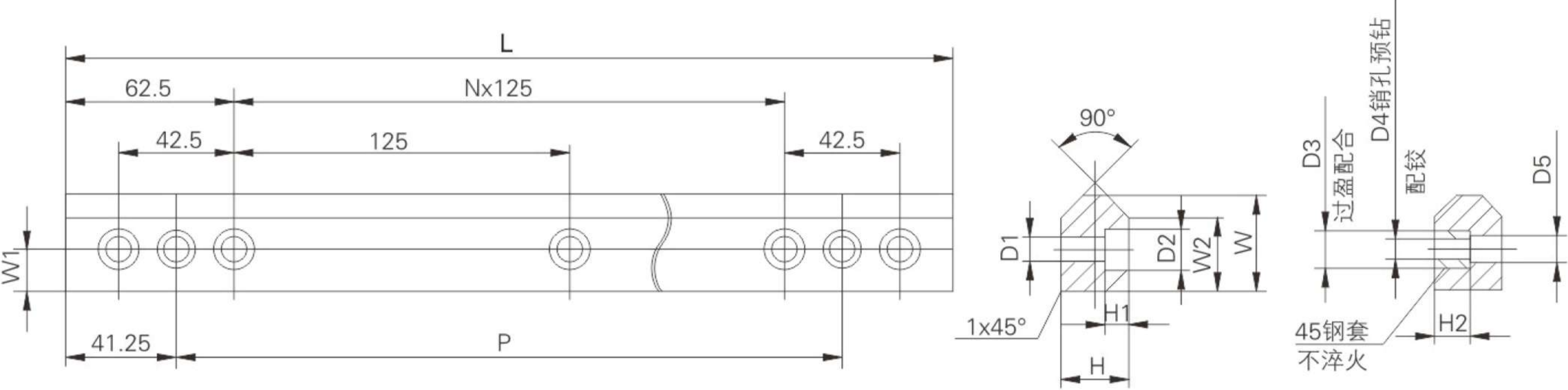
V型研磨导轨
V GRINDING GUIDE

精度参数

项目		单位	数值
形位公差 (在1m长上)	直线度 (—)	mm	0.03
	平面度 (▭)	mm	0.03
	垂直度 (⊥)	mm	0.02
	平行度 (//)	mm	0.02
形位公差 (√)		um	0.8
外形尺寸一致性		mm	0.03



技术参数

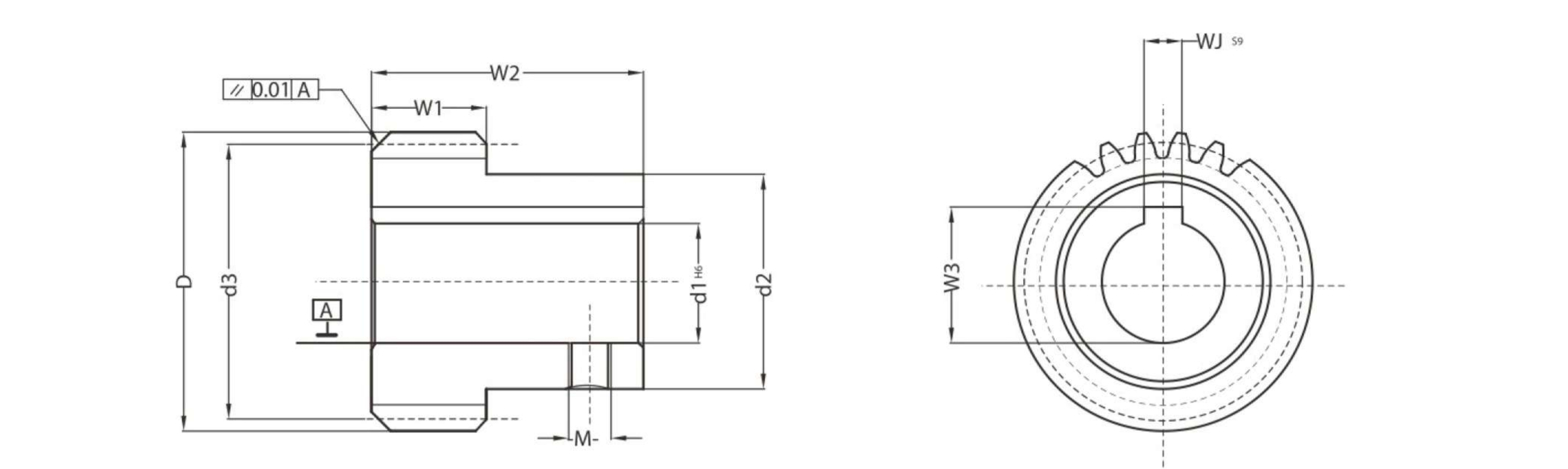


型号 Code	L	W	W1	W2	H	H1	H2	N	P	D1	D2	D3	D4	D5	螺栓规格
V20-1000	1000	30	12	23.75	20	9	13	7	917.5	Φ9.5	Φ15	Φ14H7	Φ7.8	Φ10	M8×208.8级
V20-500	500	30	12	23.75	20	9	13	3	417.5	Φ9.5	Φ15	Φ14H7	Φ7.8	Φ10	M8×208.8级
V25-1000	1000	35	15	27.05	25	9	13	7	917.5	Φ9.5	Φ15	Φ14H7	Φ7.8	Φ10	M8×258.8级
V25-500	500	35	15	27.05	25	9	13	3	417.5	Φ9.5	Φ15	Φ14H7	Φ7.8	Φ10	M8×258.8级
V35-1000	1000	50	18	39.9	35	11	13	7	917.5	Φ11.5	Φ18	Φ16H7	Φ9.7	Φ12	M10×358.8级
V35-500	500	50	18	39.9	35	11	13	3	417.5	Φ11.5	Φ18	Φ16H7	Φ9.7	Φ12	M10×358.8级

技术要求
材料: S45C/42CrMo
硬度处理: V型导轨面高频淬火 HRC48-52°/HRC55-60°
生产工艺: 四面研磨, V型导轨面研磨

Technical requirement
Material: S45C/20CrMo
Hardness: V rail surface hardness HRC48-52°/HRC55-60°
Production process: four side grinding, V rail surface grinding

斜齿研磨齿轮
HELICAL GEAR GRINDING



单位/Dimension: mm

型号 Code	模数 Module	齿数	d1H6	d2	d3	D	W1	W2	W3	WJS9	M
YMCL151433	1.5	25	14	Φ26	Φ39.97	Φ42.97	19	33	16.3	5	4
YMCL151635	1.5	24	16	Φ28	Φ38.20	Φ41.20	15	35.5	18.3	5	6
YMCL151935	1.5	24	19	Φ28	Φ38.20	Φ41.20	15	35.5	21.8	6	6
YMCL152250	1.5	30	22	Φ38	Φ47.74	Φ50.74	25	50	24.8	6	6
YMCL152035	1.5	24	20	Φ28	Φ38.20	Φ41.20	15	35.5	22.8	6	6
YMCL152555	1.5	42	25	Φ47	Φ66.84	Φ69.84	25	55	28.3	8	6
YMCL152043	1.5	26	20	Φ32	Φ41.38	Φ44.38	22	43	22.8	6	6
YMCL152045	1.5	30	20	Φ38	Φ47.74	Φ50.74	25	45	22.8	6	6
YMCL152055	1.5	30	20	Φ38	Φ47.74	Φ50.74	25	55	22.8	6	6
YMCL152065	1.5	30	20	Φ38	Φ47.74	Φ50.74	25	65	22.8	6	6
YMCL152265	1.5	30	22	Φ38	Φ47.74	Φ50.74	25	65	24.8	6	6
YMCL152555	1.5	30	25	Φ38	Φ47.74	Φ50.74	25	55	27.8	6	6

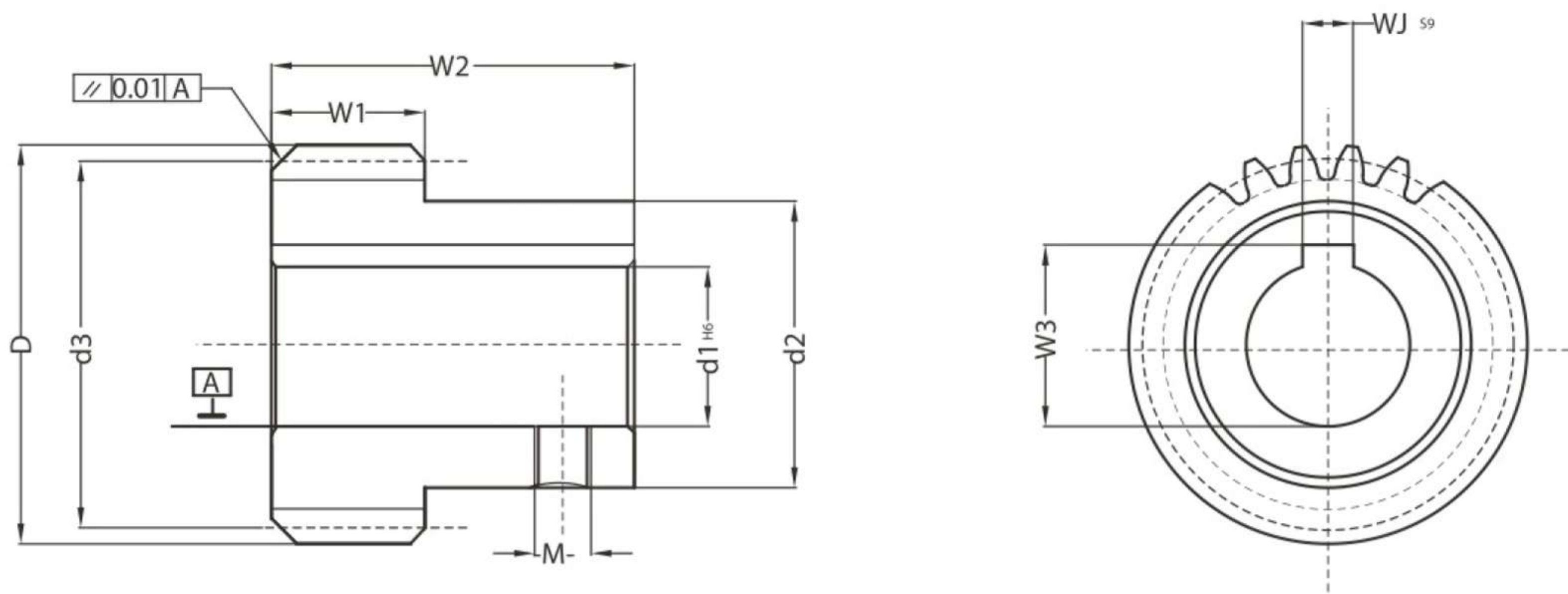
技术要求
精度等级: DIN6 国际5级
材料: 40Cr/20CrMnTi
齿型: 斜齿
左旋角: 19° 31'42"
硬度处理: 高频淬火HRC45-50°/整体渗碳淬火HRC55-60°
生产工艺: 齿面研磨

Technical requirement
Accuracy level: DIN6 international 5 level.
Material: 40Cr/20CrMnTi
Tooth profile: helical teeth
Left angle: 19° 31'42"
Hardness treatment: high frequency quenching HRC45-50°
whole carburizing quenching HRC55-60°
Production process: gear grinding

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斜齿研磨齿轮
HELICAL GEAR GRINDING



单位/Dimension: mm

型号 Code	模数 Module	齿数	d1H6	d2	d3	D	W1	W2	W3	WJS9	M
YMCL201438	2	21	14	Φ30	Φ44.56	Φ48.56	20	38	16.3	5	6
YMCL201936	2	25	19	Φ35	Φ53.05	Φ57.05	21	36	21.8	6	6
YMCL202034	2	21	20	Φ36	Φ44.56	Φ48.56	20	34	22.8	6	5
YMCL202058	2	25	20	Φ45	Φ53.29	Φ57.29	25	58	22.8	6	6
YMCL202054	2	27	20	Φ40	Φ57.29	Φ61.29	25	54	22.8	6	6
YMCL202242	2	20	22	Φ35	Φ42.44	Φ46.44	24	42	24.8	6	6
YMCL202250	2	25	22	Φ40	Φ53.29	Φ57.29	25	50	24.8	6	6
YMCL202243	2	30	22	Φ50	Φ63.66	Φ67.66	28	43	24.8	6	6
YMCL202250	2	30	22	Φ50	Φ63.66	Φ67.66	28	50	24.8	6	6
YMCL202555	2	30	25	Φ45	Φ63.66	Φ67.66	25	55	27.8	8	6
YMCL203255	2	32	32	Φ50	Φ67.9	Φ71.9	24	55	35.3	10	8
YMCL203258	2	36	32	Φ50	Φ76.39	Φ80.39	24	58	35.3	10	8

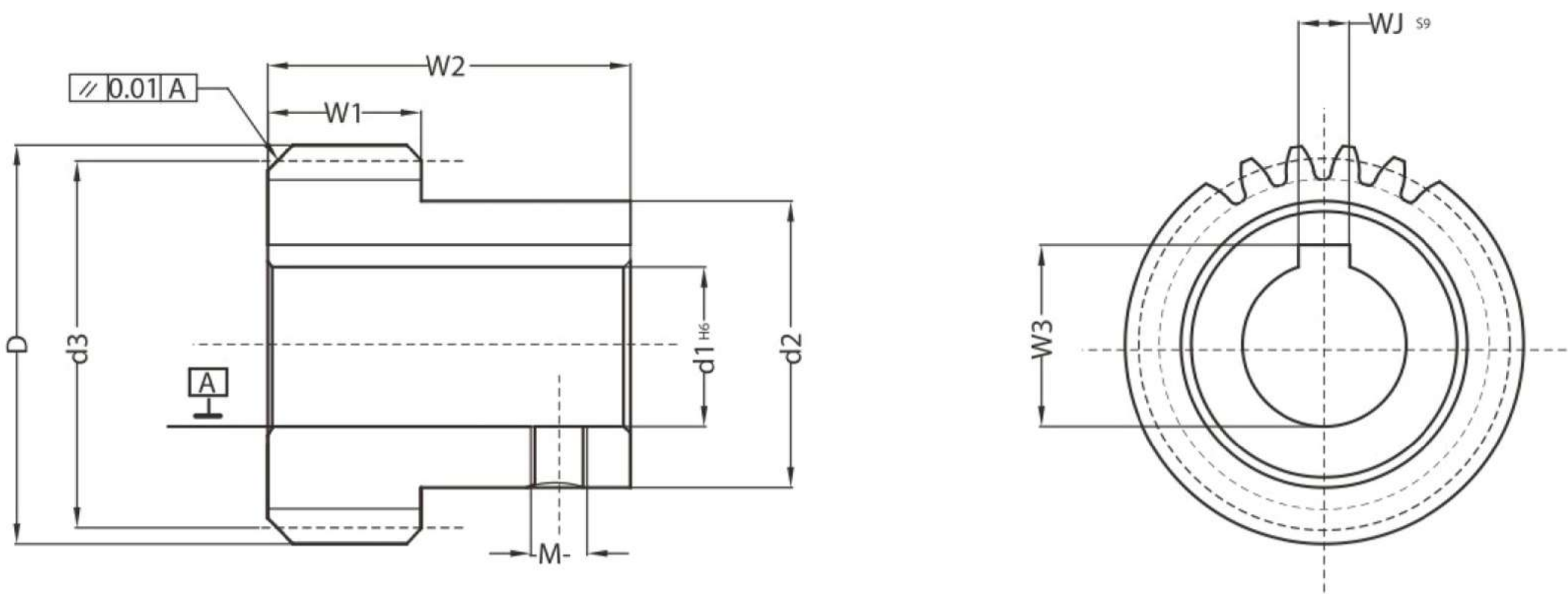
技术要求
精度等级：DIN6 国际5级
材料：40Cr/20CrMnTi
齿型：斜齿
左旋角：19° 31'42"
硬度处理：高频淬火HRC45-50°/整体渗碳淬火HRC55-60°
生产工艺：齿面研磨

Technical requirement
Accuracy level: DIN6 international 5 level.
Material: 40Cr/20CrMnTi
Tooth profile: helical teeth
Left angle: 19° 31'42"
Hardness treatment: high frequency quenching HRC45-50°
whole carburizing quenching HRC55-60°
Production process: gear grinding

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斜齿研磨齿轮
HELICAL GEAR GRINDING



单位/Dimension: mm

型号 Code	模数 Module	齿数	d1H6	d2	d3	D	W1	W2	W3	WJS9	M
YMCL302555	3	20	25	Φ50	Φ63.66	Φ69.66	30	55	28.3	8	8
YMCL302580	3	20	25	Φ50	Φ63.66	Φ69.66	30	80	28.3	8	8
YMCL303260	3	20	32	Φ55	Φ63.66	Φ69.66	28	60	35.3	10	8
YMCL303255	3	25	32	Φ66	Φ79.57	Φ85.57	30	55	35.3	10	8
YMCL303565	3	25	35	Φ55	Φ79.57	Φ85.57	28	65	38.8	10	8
YMCL304080	3	25	40	Φ70	Φ79.58	Φ85.58	39	80	43.3	12	12
YMCL303282	3	25	32	Φ66	Φ79.57	Φ85.57	30	82	35.3	10	8
YMCL304084	3	30	40	Φ68	Φ95.49	Φ101.5	29	82	43.3	12	8
YMCL404550	4	22	45	Φ65	Φ93.37	Φ101.4	40	50	38.3	10	8
YMCL403575	4	24	35	Φ55	Φ101.86	Φ109.9	40	75	38.3	10	8
YMCL404075	4	24	40	Φ62	Φ101.86	Φ109.9	40	75	43.3	12	10
YMCL404080	4	25	40	Φ80	Φ106.103	Φ114.103	42	80	43.3	12	10

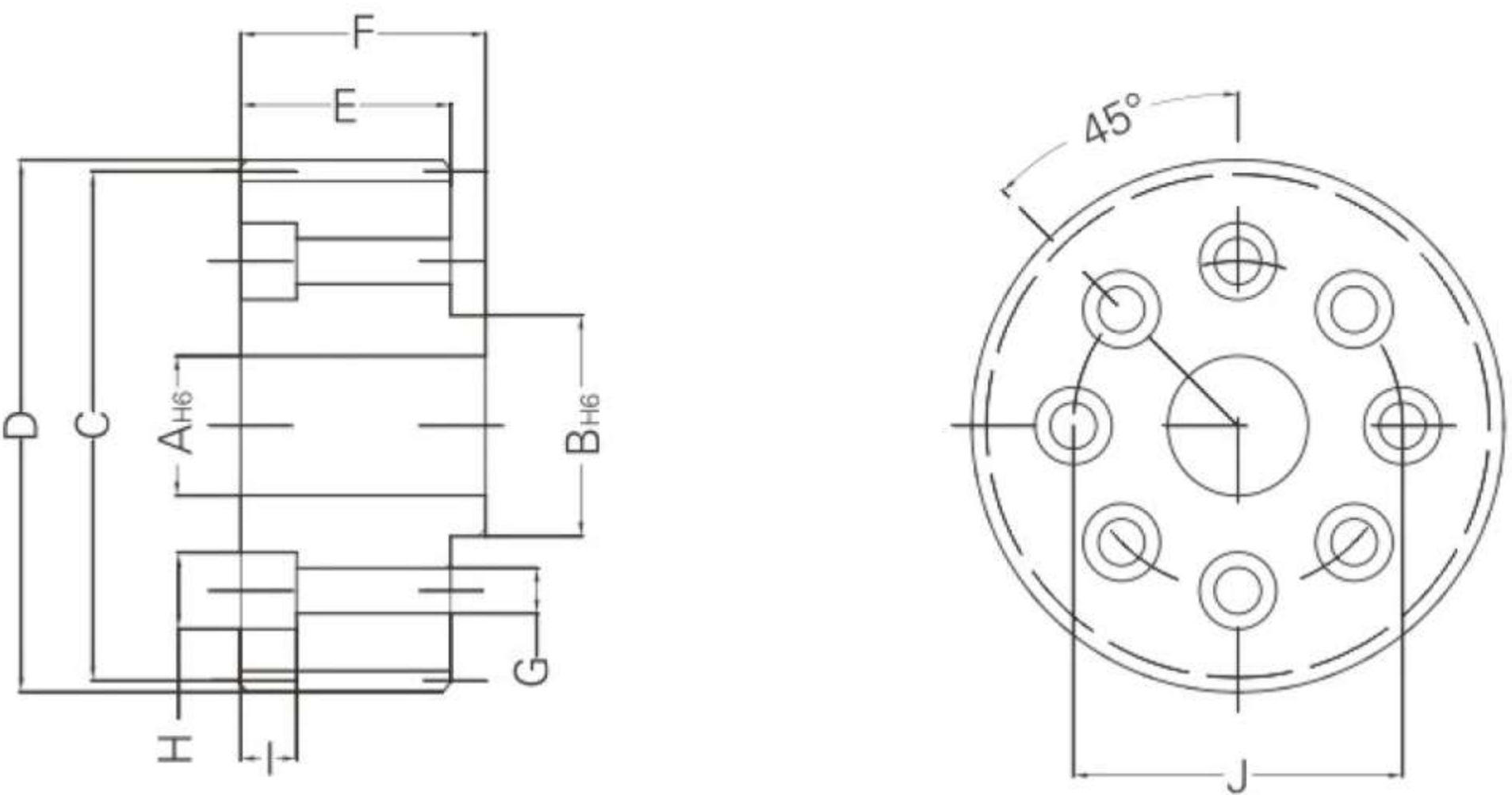
技术要求
精度等级：DIN6 国际5级
材料：40Cr/20CrMnTi
齿型：斜齿
左旋角：19° 31'42"
硬度处理：高频淬火HRC45-50°/整体渗碳淬火HRC55-60°
生产工艺：齿面研磨

Technical requirement
Accuracy level: DIN6 international 5 level.
Material: 40Cr/20CrMnTi
Tooth profile: helical teeth
Left angle: 19° 31'42"
Hardness treatment: high frequency quenching HRC45-50°
whole carburizing quenching HRC55-60°
Production process: gear grinding

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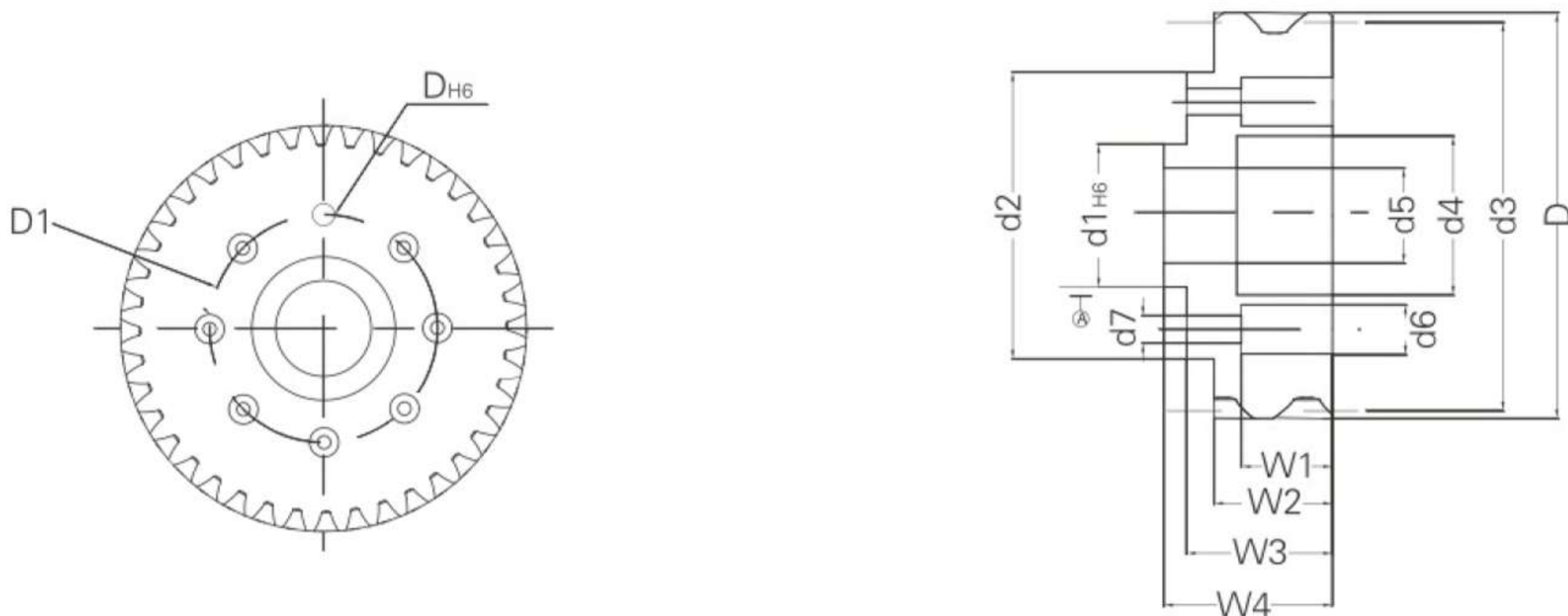
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斜齿法兰研磨齿轮
HELICAL GEAR GRINDING GEAR



单位/Dimension: mm

型号 Code	模数 Module	齿数	AH6	BH6	C	D	E	F	G	H	I	J
YMCLK26	2	26	15	20	55.174	60.800	26	29.0	5.5	10	12	31.5
YMCLK27	2	27	15	20	57.296	61.296	30	33.5	5.5	10	11	31.5
YMCLK29	2	29	15	20	61.540	67.200	26	29.0	5.5	10	12	31.5
YMCLK35	2	35	15	20	74.272	79.800	26	29.0	5.5	10	12	31.5
YMCLK29-20	2	29	20	25	61.540	67.200	26	30.0	6.6	11	14	40
YMCLK33	2	33	20	31.5	70.028	75.599	26	30.0	6.6	11	14	50
YMCLK35	2	35	20	31.5	74.300	79.500	26	30	6.6	11	14	50
YMCLK36	2	36	20	31.5	76.394	80.394	30	34.0	6.6	11	8	50
YMCLK37	2	37	20	31.5	78.517	84.200	26	30.0	6.6	11	14	50



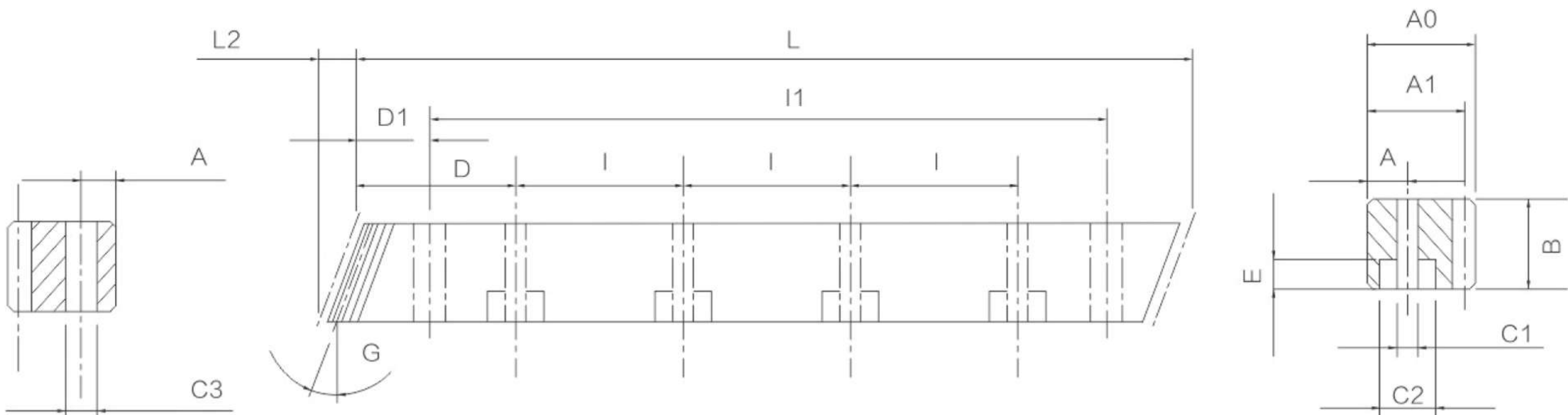
单位/Dimension: mm

型号 Code	模数 Module	齿数	d1H6	d2	d3	d4	d5	d6	d7	W1	W2	W3	W4	DH6	D1
YMCL37	2	37	31.500	63	78.52	35	20	1.1	6.6	14	24	34	40	6	50
YMCL40	2	40	31.500	63	84.88	35	21	1.1	6.4	14	26	31	37	6	50

技术要求
精度等级: DIN6 国际5级
材料: 20CrMnTi
齿型: 斜齿
左旋角: 19° 31'42"
硬度处理: 整体渗碳HRC55-60°
生产工艺: 齿面研磨

Technical requirement
Accuracy level: DIN6 international 5 level.
Material: 20CrMnTi
Tooth profile: helical teeth
Left angle: 19° 31'42"
Hardness treatment: overall carburizing HRC55-60°
Production process: gear grinding

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单位/Dimension: mm

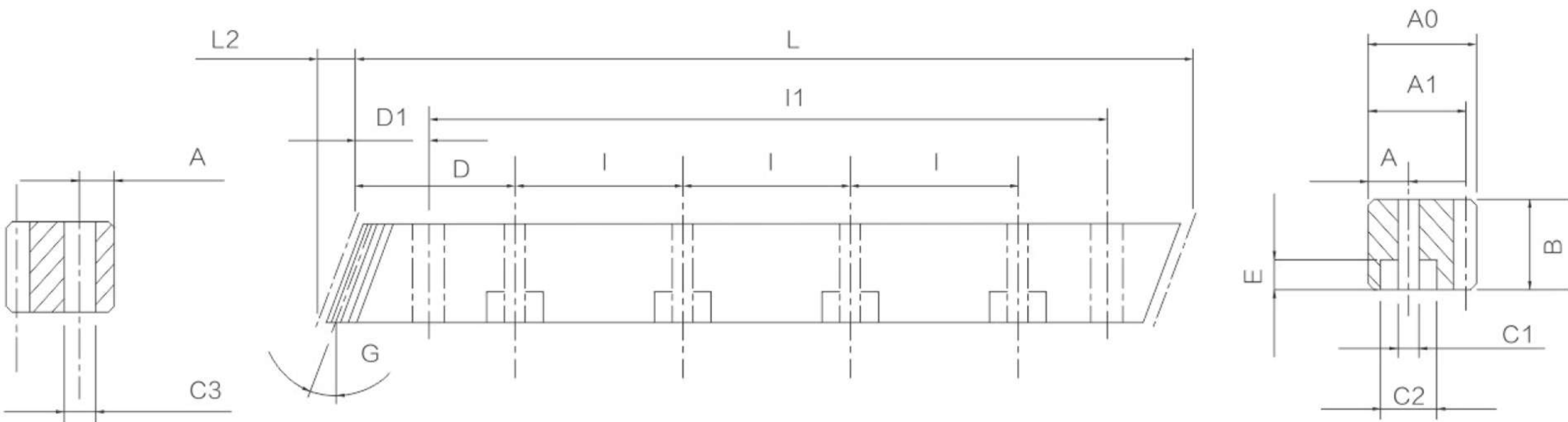
型号 Code			模数 Module	Pt	L	L2	齿数 Tooth No.	B	A0	A1	D	I	孔数 Hole No.	A	C1	C2	E	D1	I1	C3	Fp
AMX325	015	050	1.5	4.9999	500.00	6.74	100	19	19	17.5	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.021
AMX325	015	100	1.5	4.9999	1000.00	6.74	200	19	19	17.5	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.024
AMX325	020	050	2	6.6666	500.00	8.5	75	24	24	22	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.021
AMX325	020	100	2	6.6666	1000.00	8.5	150	24	24	22	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.024
AMX325	030	050	3	9.9999	500.00	10.3	50	29	29	26	62.5	125	4	9	10	15	9	35.0	430.0	7.7	0.023
AMX325	030	100	3	9.9999	1000.00	10.3	100	29	29	26	62.5	125	8	9	10	15	9	35.0	930.0	7.7	0.026
AMX325	040	050	4	13.3333	506.67	13.8	38	39	39	35	62.5	125	4	12	10	15	9	33.3	433.0	7.7	0.025
AMX325	040	100	4	13.3333	1000.00	13.8	75	39	39	35	62.5	125	8	12	10	15	9	33.3	933.4	7.7	0.028
AMX325	050	050	5	16.6666	500.00	17.4	30	49	39	34	62.5	125	4	12	14	20	13	37.5	425.0	11.7	0.028
AMX325	050	100	5	16.6666	1000.00	17.4	60	49	39	34	62.5	125	8	12	14	20	13	37.5	925.0	11.7	0.030
AMX325	060	050	6	19.9999	500.00	20.9	25	59	49	43	62.5	125	4	16	18	26	17	37.5	425.0	15.7	0.028
AMX325	060	100	6	19.9999	1000.00	20.9	50	59	49	43	62.5	125	8	16	18	26	17	37.5	925.0	15.7	0.035
AMX325	080	050	8	26.6667	480.00	28.0	18	79	79	71	60.0	120	4	25	22	33	21	120	240.0	19.7	0.030
AMX325	080	100	8	26.6667	960.00	28.0	36	79	79	71	60.0	120	8	25	22	33	21	120	720.0	19.7	0.038

端面齿距 Pe=模数×π/COS(19°31'42") Fp=总齿距误差

技术要求
精度等级: DIN5
材料: S45C/42CrMo
齿型: 斜齿
右旋角: 19° 31'42"
硬度处理: 高频淬火HRC48-52°/渗碳淬火HRC50-55°
生产工艺: 硬齿面处理后四面平磨, 齿面研磨

Technical requirement
Accuracy level: DIN5
Material: S45C/42CrMo
Tooth profile: helical teeth
Right angle: 19° 31' 42'
Hardness treatment: high frequency quenching HRC48-52°/HRC50-55°
Production process: four side grinding after hard tooth surface treatment, tooth surface grinding.

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单位/Dimension: mm

型号 Code			模数 Module	Pt	L	L2	齿数 Tooth No.	B	A0	A1	D	I	孔数 Hole No.	A	C1	C2	E	D1	I1	C3	Fp
AMX326	015	050	1.5	4.9999	500.00	6.74	100	19	19	17.5	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.029
AMX326	015	100	1.5	4.9999	1000.00	6.74	200	19	19	17.5	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.033
AMX326	020	050	2	6.6666	500.00	8.5	75	24	24	22	62.5	125	4	8	7	11	7	31.7	436.6	5.7	0.029
AMX326	020	100	2	6.6666	1000.00	8.5	150	24	24	22	62.5	125	8	8	7	11	7	31.7	936.6	5.7	0.034
AMX326	030	050	3	9.9999	500.00	10.3	50	29	29	26	62.5	125	4	9	10	15	9	35.0	430.0	7.7	0.032
AMX326	030	100	3	9.9999	1000.00	10.3	100	29	29	26	62.5	125	8	9	10	15	9	35.0	930.0	7.7	0.037
AMX326	040	050	4	13.3333	506.67	13.8	38	39	39	35	62.5	125	4	12	10	15	9	33.3	433.0	7.7	0.034
AMX326	040	100	4	13.3333	1000.00	13.8	75	39	39	35	62.5	125	8	12	10	15	9	33.3	933.4	7.7	0.04
AMX326	050	050	5	16.6666	500.00	17.4	30	49	39	34	62.5	125	4	12	14	20	13	37.5	425.0	11.7	0.034
AMX326	050	100	5	16.6666	1000.00	17.4	60	49	39	34	62.5	125	8	12	14	20	13	37.5	925.0	11.7	0.04
AMX326	060	050	6	19.9999	500.00	20.9	25	59	49	43	62.5	125	4	16	18	26	17	37.5	425.0	15.7	0.034
AMX326	060	100	6	19.9999	1000.00	20.9	50	59	49	43	62.5	125	8	16	18	26	17	37.5	925.0	15.7	0.04
AMX326	080	050	8	26.6667	480.00	28.0	18	79	79	71	60.0	120	4	25	22	33	21	120	240.0	19.7	0.037
AMX326	080	100	8	26.6667	960.00	28.0	36	79	79	71	60.0	120	8	25	22	33	21	120	720.0	19.7	0.043

端面齿距 Pe=模数×π/COS(19°31'42") Fp=总齿距误差

技术要求

精度等级: DIN6
材料: S45C/42CrMo
齿型: 斜齿
右旋角: 19°31'42"
硬度处理: 高频淬火HRC48-52°/渗碳淬火HRC50-55°
生产工艺: 硬齿面处理后四面平磨, 齿面研磨

Technical requirement

Accuracy level: DIN6
Material: S45C/42CrMo
Tooth profile: helical teeth
Right angle: 19°31'42'
Hardness treatment: high frequency quenching HRC48-52°/HRC50-55°
Production process: four side grinding after hard tooth surface treatment, tooth surface grinding.

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