



# X36-PM

## 定柄钻头

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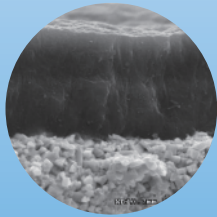
刃径 $D \leq 1.9$  钻尖角 $118^\circ$   
刃径 $D > 1.9$  钻尖角 $135^\circ$



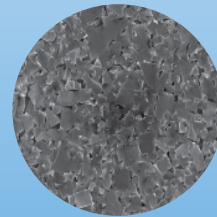
加大容屑槽  
(科学螺旋槽设计)



自定心双后角设计



纳米隔热涂层



高档粉末高速钢基材

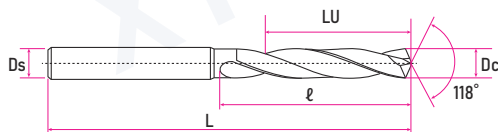


H7级柄部精度

## 产品特征：

- ◎ 自定心钻尖设计, 节省打定心孔的工序, 有效节约换刀与编程时间;
- ◎ 采用高档的粉末高速钢基材, 寿命比普通高速钢钻头增加2倍以上;
- ◎ 采用特殊的纳米涂层, 有效隔离切削温度, 降低基材高温氧化失效风险, 提高钻头寿命;
- ◎ 优秀的X刃型与双后角设计, 充分降低了切削阻力, 有效防止刃口积屑瘤的产生;
- ◎ 科学的螺旋角与U型槽设计, 大幅增强了排屑能力, 降低挤屑与绕屑的概率;
- ◎ 通用性好, 适用于不锈钢、普通钢、有色金属等材料加工;

# X36-PM定柄钻头



最大推荐钻深 LU=l-1.5D



商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D0.5	0.50	3	40	3	○
X36PM-D0.51	0.51	3	40	3	○
X36PM-D0.52	0.52	3	40	3	○
X36PM-D0.53	0.53	3	40	3	○
X36PM-D0.54	0.54	3	40	3	○
X36PM-D0.55	0.55	3	40	3	○
X36PM-D0.56	0.56	3	40	3	○
X36PM-D0.57	0.57	3	40	3	○
X36PM-D0.58	0.58	3	40	3	○
X36PM-D0.59	0.59	3	40	3	○
X36PM-D0.60	0.60	3.5	40	3	○
X36PM-D0.61	0.61	3.5	40	3	○
X36PM-D0.62	0.62	3.5	40	3	○
X36PM-D0.63	0.63	3.5	40	3	○
X36PM-D0.64	0.64	3.5	40	3	○
X36PM-D0.65	0.65	3.5	40	3	○
X36PM-D0.66	0.66	3.5	40	3	○
X36PM-D0.67	0.67	3.5	40	3	○
X36PM-D0.68	0.68	3.5	40	3	○
X36PM-D0.69	0.69	3.5	40	3	○
X36PM-D0.70	0.70	4.5	40	3	○
X36PM-D0.71	0.71	4.5	40	3	○
X36PM-D0.72	0.72	4.5	40	3	○
X36PM-D0.73	0.73	4.5	40	3	○
X36PM-D0.74	0.74	4.5	40	3	○
X36PM-D0.75	0.75	4.5	40	3	●
X36PM-D0.76	0.76	4.5	40	3	○
X36PM-D0.77	0.77	4.5	40	3	○
X36PM-D0.78	0.78	4.5	40	3	○
X36PM-D0.79	0.79	4.5	40	3	○
X36PM-D0.80	0.80	5	40	3	○
X36PM-D0.81	0.81	5	40	3	○
X36PM-D0.82	0.82	5	40	3	○
X36PM-D0.83	0.83	5	40	3	○

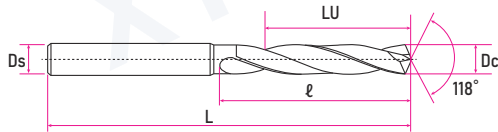
商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D0.84	0.84	5	40	3	○
X36PM-D0.85	0.85	5	40	3	○
X36PM-D0.86	0.86	5	40	3	○
X36PM-D0.87	0.87	5	40	3	○
X36PM-D0.88	0.88	5	40	3	○
X36PM-D0.89	0.89	5	40	3	○
X36PM-D0.90	0.90	5.5	40	3	○
X36PM-D0.91	0.91	5.5	40	3	○
X36PM-D0.92	0.92	5.5	40	3	○
X36PM-D0.93	0.93	5.5	40	3	○
X36PM-D0.94	0.94	5.5	40	3	○
X36PM-D0.95	0.95	5.5	40	3	○
X36PM-D0.96	0.96	5.5	40	3	○
X36PM-D0.97	0.97	5.5	40	3	○
X36PM-D0.98	0.98	5.5	40	3	○
X36PM-D0.99	0.99	5.5	40	3	○
X36PM-D1.00	1.00	6	40	3	●
X36PM-D1.01	1.01	6	40	3	○
X36PM-D1.02	1.02	6	40	3	○
X36PM-D1.03	1.03	6	40	3	○
X36PM-D1.04	1.04	6	40	3	○
X36PM-D1.05	1.05	6	40	3	○
X36PM-D1.06	1.06	6	40	3	○
X36PM-D1.07	1.07	7	40	3	○
X36PM-D1.08	1.08	7	40	3	○
X36PM-D1.09	1.09	7	40	3	○
X36PM-D1.10	1.10	7	40	3	●
X36PM-D1.11	1.11	7	40	3	○
X36PM-D1.12	1.12	7	40	3	○
X36PM-D1.13	1.13	7	40	3	○
X36PM-D1.14	1.14	7	40	3	○
X36PM-D1.15	1.15	7	40	3	○
X36PM-D1.16	1.16	7	40	3	○
X36PM-D1.17	1.17	7	40	3	○

● 标准库存 ○ 需预定

工件材料													
P			M	K			N			S		H	
1 2 3 4	5	6 7	1 2 3	1 2	3	1 2	3	4	5	1 2 3	4	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢	不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC			<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○			◎			○	○	○		○	○		

◎ 最适合 ○ 适合

# X36-PM定柄钻头



最大推荐钻深 LU=l-1.5D



商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D1.18	1.18	7	40	3	○
X36PM-D1.19	1.19	8	40	3	○
X36PM-D1.20	1.20	8	40	3	●
X36PM-D1.21	1.21	8	40	3	○
X36PM-D1.22	1.22	8	40	3	○
X36PM-D1.23	1.23	8	40	3	○
X36PM-D1.24	1.24	8	40	3	○
X36PM-D1.25	1.25	8	40	3	○
X36PM-D1.26	1.26	8	40	3	○
X36PM-D1.27	1.27	8	40	3	○
X36PM-D1.28	1.28	8	40	3	○
X36PM-D1.29	1.29	8	40	3	○
X36PM-D1.30	1.30	8	40	3	●
X36PM-D1.31	1.31	8	40	3	○
X36PM-D1.32	1.32	8	40	3	○
X36PM-D1.33	1.33	9	45	3	○
X36PM-D1.34	1.34	9	45	3	○
X36PM-D1.35	1.35	9	45	3	○
X36PM-D1.36	1.36	9	45	3	○
X36PM-D1.37	1.37	9	45	3	○
X36PM-D1.38	1.38	9	45	3	○
X36PM-D1.39	1.39	9	45	3	○
X36PM-D1.40	1.40	9	45	3	●
X36PM-D1.41	1.41	9	45	3	○
X36PM-D1.42	1.42	9	45	3	○
X36PM-D1.43	1.43	9	45	3	○
X36PM-D1.44	1.44	9	45	3	○
X36PM-D1.45	1.45	9	45	3	○
X36PM-D1.46	1.46	9	45	3	○
X36PM-D1.47	1.47	9	45	3	○
X36PM-D1.48	1.48	9	45	3	○
X36PM-D1.49	1.49	9	45	3	○
X36PM-D1.50	1.50	9	45	3	●
X36PM-D1.51	1.51	10	45	3	○

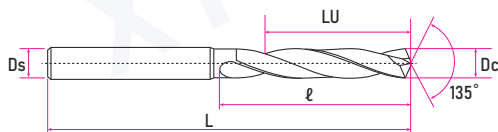
商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D1.52	1.52	10	45	3	○
X36PM-D1.53	1.53	10	45	3	○
X36PM-D1.54	1.54	10	45	3	○
X36PM-D1.55	1.55	10	45	3	○
X36PM-D1.56	1.56	10	45	3	○
X36PM-D1.57	1.57	10	45	3	○
X36PM-D1.58	1.58	10	45	3	○
X36PM-D1.59	1.59	10	45	3	○
X36PM-D1.60	1.60	10	45	3	●
X36PM-D1.61	1.61	10	45	3	○
X36PM-D1.62	1.62	10	45	3	○
X36PM-D1.63	1.63	10	45	3	○
X36PM-D1.64	1.64	10	45	3	○
X36PM-D1.65	1.65	10	45	3	○
X36PM-D1.66	1.66	10	45	3	○
X36PM-D1.67	1.67	10	45	3	○
X36PM-D1.68	1.68	10	45	3	○
X36PM-D1.69	1.69	10	45	3	○
X36PM-D1.70	1.70	10	45	3	●
X36PM-D1.71	1.71	11	45	3	○
X36PM-D1.72	1.72	11	45	3	○
X36PM-D1.73	1.73	11	45	3	○
X36PM-D1.74	1.74	11	45	3	○
X36PM-D1.75	1.75	11	45	3	○
X36PM-D1.76	1.76	11	45	3	○
X36PM-D1.77	1.77	11	45	3	○
X36PM-D1.78	1.78	11	45	3	○
X36PM-D1.79	1.79	11	45	3	○
X36PM-D1.80	1.80	11	45	3	●
X36PM-D1.81	1.81	11	45	3	○
X36PM-D1.82	1.82	11	45	3	○
X36PM-D1.83	1.83	11	45	3	○
X36PM-D1.84	1.84	11	45	3	○
X36PM-D1.85	1.85	11	45	3	○

● 标准库存 ○ 需预定

工件材料													
P			M	K			N			S		H	
1 2 3 4	5	6 7	1 2 3	1 2	3	1 2	3	4	5	1 2 3	4	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢	不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC			<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○			◎			○	○	○		○	○		

◎ 最适合 ○ 适合

# X36-PM定柄钻头



最大推荐钻深 LU=ℓ-1.5D



商品编码 Art No	直径 Dc	刃长 ℓ	全长 L	柄径 Ds	库存 Stock
X36PM-D1.86	1.86	11	45	3	○
X36PM-D1.87	1.87	11	45	3	○
X36PM-D1.88	1.88	11	45	3	○
X36PM-D1.89	1.89	11	45	3	○
X36PM-D1.90	1.90	11	45	3	●
X36PM-D1.91	1.91	12	45	3	○
X36PM-D1.92	1.92	12	45	3	○
X36PM-D1.93	1.93	12	45	3	○
X36PM-D1.94	1.94	12	45	3	○
X36PM-D1.95	1.95	12	45	3	○
X36PM-D1.96	1.96	12	45	3	○
X36PM-D1.97	1.97	12	45	3	○
X36PM-D1.98	1.98	12	45	3	○
X36PM-D1.99	1.99	12	45	3	○
X36PM-D2.00	2.00	12	45	3	●
X36PM-D2.01	2.01	12	45	3	○
X36PM-D2.02	2.02	12	45	3	○
X36PM-D2.03	2.03	12	45	3	○
X36PM-D2.04	2.04	12	45	3	○
X36PM-D2.05	2.05	12	45	3	○
X36PM-D2.06	2.06	12	45	3	○
X36PM-D2.07	2.07	12	45	3	○
X36PM-D2.08	2.08	12	45	3	○
X36PM-D2.09	2.09	12	45	3	○
X36PM-D2.10	2.10	12	45	3	●
X36PM-D2.11	2.11	12	45	3	○
X36PM-D2.12	2.12	12	45	3	○
X36PM-D2.13	2.13	13	45	3	○
X36PM-D2.14	2.14	13	45	3	○
X36PM-D2.15	2.15	13	45	3	○
X36PM-D2.16	2.16	13	45	3	○
X36PM-D2.17	2.17	13	45	3	○
X36PM-D2.18	2.18	13	45	3	○
X36PM-D2.19	2.19	13	45	3	○

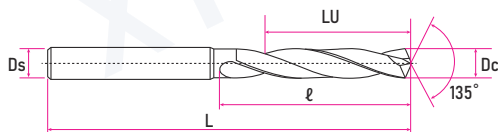
商品编码 Art No	直径 Dc	刃长 ℓ	全长 L	柄径 Ds	库存 Stock
X36PM-D2.20	2.20	13	45	3	●
X36PM-D2.21	2.21	13	45	3	○
X36PM-D2.22	2.22	13	45	3	○
X36PM-D2.23	2.23	13	45	3	○
X36PM-D2.24	2.24	13	45	3	○
X36PM-D2.25	2.25	13	45	3	○
X36PM-D2.26	2.26	13	45	3	○
X36PM-D2.27	2.27	13	45	3	○
X36PM-D2.28	2.28	13	45	3	○
X36PM-D2.29	2.29	13	45	3	○
X36PM-D2.30	2.30	13	45	3	●
X36PM-D2.31	2.31	13	45	3	○
X36PM-D2.32	2.32	13	45	3	○
X36PM-D2.33	2.33	13	45	3	○
X36PM-D2.34	2.34	13	45	3	○
X36PM-D2.35	2.35	13	45	3	○
X36PM-D2.36	2.36	13	45	3	○
X36PM-D2.37	2.37	14	50	3	○
X36PM-D2.38	2.38	14	50	3	○
X36PM-D2.39	2.39	14	50	3	○
X36PM-D2.40	2.40	14	50	3	●
X36PM-D2.41	2.41	14	50	3	○
X36PM-D2.42	2.42	14	50	3	○
X36PM-D2.43	2.43	14	50	3	○
X36PM-D2.44	2.44	14	50	3	○
X36PM-D2.45	2.45	14	50	3	○
X36PM-D2.46	2.46	14	50	3	○
X36PM-D2.47	2.47	14	50	3	○
X36PM-D2.48	2.48	14	50	3	○
X36PM-D2.49	2.49	14	50	3	○
X36PM-D2.50	2.50	14	50	3	●
X36PM-D2.51	2.51	14	50	3	○
X36PM-D2.52	2.52	14	50	3	○
X36PM-D2.53	2.53	14	50	3	○

● 标准库存 ○ 需预定

工件材料													
P			M	K			N			S		H	
1 2 3 4	5	6 7	1 2 3	1 2	3	1 2	3	4	5	1 2 3	4	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢	不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC			<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○			◎			○	○	○		○	○		

◎ 最适合 ○ 适合

# X36-PM定柄钻头



最大推荐钻深 LU=l-1.5D



商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D2.54	2.54	14	50	3	○
X36PM-D2.55	2.55	14	50	3	○
X36PM-D2.56	2.56	14	50	3	○
X36PM-D2.57	2.57	14	50	3	○
X36PM-D2.58	2.58	14	50	3	○
X36PM-D2.59	2.59	14	50	3	○
X36PM-D2.60	2.60	14	50	3	●
X36PM-D2.61	2.61	14	50	3	○
X36PM-D2.62	2.62	14	50	3	○
X36PM-D2.63	2.63	14	50	3	○
X36PM-D2.64	2.64	14	50	3	○
X36PM-D2.65	2.65	14	50	3	○
X36PM-D2.66	2.66	16	50	3	○
X36PM-D2.67	2.67	16	50	3	○
X36PM-D2.68	2.68	16	50	3	○
X36PM-D2.69	2.69	16	50	3	○
X36PM-D2.70	2.70	16	50	3	●
X36PM-D2.71	2.71	16	50	3	○
X36PM-D2.72	2.72	16	50	3	○
X36PM-D2.73	2.73	16	50	3	○
X36PM-D2.74	2.74	16	50	3	○
X36PM-D2.75	2.75	16	50	3	○
X36PM-D2.76	2.76	16	50	3	○
X36PM-D2.77	2.77	16	50	3	○
X36PM-D2.78	2.78	16	50	3	○
X36PM-D2.79	2.79	16	50	3	○
X36PM-D2.80	2.80	16	50	3	●
X36PM-D2.81	2.81	16	50	3	○
X36PM-D2.82	2.82	16	50	3	○
X36PM-D2.83	2.83	16	50	3	○
X36PM-D2.84	2.84	16	50	3	○
X36PM-D2.85	2.85	16	50	3	○
X36PM-D2.86	2.86	16	50	3	○
X36PM-D2.87	2.87	16	50	3	○

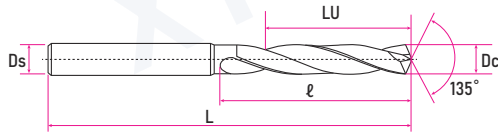
商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D2.88	2.88	16	50	3	○
X36PM-D2.89	2.89	16	50	3	○
X36PM-D2.90	2.90	16	50	3	●
X36PM-D2.91	2.91	16	50	3	○
X36PM-D2.92	2.92	16	50	3	○
X36PM-D2.93	2.93	16	50	3	○
X36PM-D2.94	2.94	16	50	3	○
X36PM-D2.95	2.95	16	50	3	○
X36PM-D2.96	2.96	16	50	3	○
X36PM-D2.97	2.97	16	50	3	○
X36PM-D2.98	2.98	16	50	3	○
X36PM-D2.99	2.99	16	50	3	○
X36PM-D3.00	3.00	16	50	3	●
X36PM-D3.01	3.01	18	55	4	○
X36PM-D3.02	3.02	18	55	4	○
X36PM-D3.03	3.03	18	55	4	○
X36PM-D3.04	3.04	18	55	4	○
X36PM-D3.05	3.05	18	55	4	○
X36PM-D3.06	3.06	18	55	4	○
X36PM-D3.07	3.07	18	55	4	○
X36PM-D3.08	3.08	18	55	4	○
X36PM-D3.09	3.09	18	55	4	○
X36PM-D3.10	3.10	18	55	4	●
X36PM-D3.11	3.11	18	55	4	○
X36PM-D3.12	3.12	18	55	4	○
X36PM-D3.13	3.13	18	55	4	○
X36PM-D3.14	3.14	18	55	4	○
X36PM-D3.15	3.15	18	55	4	○
X36PM-D3.16	3.16	18	55	4	○
X36PM-D3.17	3.17	18	55	4	○
X36PM-D3.18	3.18	18	55	4	○
X36PM-D3.19	3.19	18	55	4	○
X36PM-D3.20	3.20	18	55	4	●
X36PM-D3.21	3.21	18	55	4	○

● 标准库存 ○ 需预定

工件材料													
P			M	K			N			S		H	
1 2 3 4	5	6 7	1 2 3	1 2	3	1 2	3	4	5	1 2 3	4	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢	不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC			<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○			◎			○	○	○		○	○		

◎ 最适合 ○ 适合

# X36-PM定柄钻头



最大推荐钻深 LU=l-1.5D



商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D3.22	3.22	18	55	4	○
X36PM-D3.23	3.23	18	55	4	○
X36PM-D3.24	3.24	18	55	4	○
X36PM-D3.25	3.25	18	55	4	○
X36PM-D3.26	3.26	18	55	4	○
X36PM-D3.27	3.27	18	55	4	○
X36PM-D3.28	3.28	18	55	4	○
X36PM-D3.29	3.29	18	55	4	○
X36PM-D3.30	3.30	18	55	4	●
X36PM-D3.31	3.31	18	55	4	○
X36PM-D3.32	3.32	18	55	4	○
X36PM-D3.33	3.33	18	55	4	○
X36PM-D3.34	3.34	18	55	4	○
X36PM-D3.35	3.35	18	55	4	○
X36PM-D3.36	3.36	20	55	4	○
X36PM-D3.37	3.37	20	55	4	○
X36PM-D3.38	3.38	20	55	4	○
X36PM-D3.39	3.39	20	55	4	○
X36PM-D3.40	3.40	20	55	4	●
X36PM-D3.41	3.41	20	55	4	○
X36PM-D3.42	3.42	20	55	4	○
X36PM-D3.43	3.43	20	55	4	○
X36PM-D3.44	3.44	20	55	4	○
X36PM-D3.45	3.45	20	55	4	○
X36PM-D3.46	3.46	20	55	4	○
X36PM-D3.47	3.47	20	55	4	○
X36PM-D3.48	3.48	20	55	4	○
X36PM-D3.49	3.49	20	55	4	○
X36PM-D3.50	3.50	20	55	4	●
X36PM-D3.51	3.51	20	55	4	○
X36PM-D3.52	3.52	20	55	4	○
X36PM-D3.53	3.53	20	55	4	○
X36PM-D3.54	3.54	20	55	4	○
X36PM-D3.55	3.55	20	55	4	○

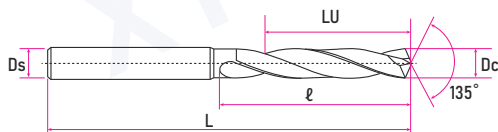
商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D3.56	3.56	20	55	4	○
X36PM-D3.57	3.57	20	55	4	○
X36PM-D3.58	3.58	20	55	4	○
X36PM-D3.59	3.59	20	55	4	○
X36PM-D3.60	3.60	20	55	4	●
X36PM-D3.61	3.61	20	55	4	○
X36PM-D3.62	3.62	20	55	4	○
X36PM-D3.63	3.63	20	55	4	○
X36PM-D3.64	3.64	20	55	4	○
X36PM-D3.65	3.65	20	55	4	○
X36PM-D3.66	3.66	20	55	4	○
X36PM-D3.67	3.67	20	55	4	○
X36PM-D3.68	3.68	20	55	4	○
X36PM-D3.69	3.69	20	55	4	○
X36PM-D3.70	3.70	20	55	4	●
X36PM-D3.71	3.71	20	55	4	○
X36PM-D3.72	3.72	20	55	4	○
X36PM-D3.73	3.73	20	55	4	○
X36PM-D3.74	3.74	20	55	4	○
X36PM-D3.75	3.75	20	55	4	○
X36PM-D3.76	3.76	22	55	4	○
X36PM-D3.77	3.77	22	55	4	○
X36PM-D3.78	3.78	22	55	4	○
X36PM-D3.79	3.79	22	55	4	○
X36PM-D3.80	3.80	22	55	4	●
X36PM-D3.81	3.81	22	55	4	○
X36PM-D3.82	3.82	22	55	4	○
X36PM-D3.83	3.83	22	55	4	○
X36PM-D3.84	3.84	22	55	4	○
X36PM-D3.85	3.85	22	55	4	○
X36PM-D3.86	3.86	22	55	4	○
X36PM-D3.87	3.87	22	55	4	○
X36PM-D3.88	3.88	22	55	4	○
X36PM-D3.89	3.89	22	55	4	○

● 标准库存 ○ 需预定

工件材料														
P			M	K			N				S		H	
1	2	3	4	5	6	7	1	2	3	4	5	1	2	
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢		不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC				<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○				◎			○	○	○		○	○		

◎ 最适合 ○ 适合

# X36-PM定柄钻头



最大推荐钻深 LU=L-1.5D



商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D3.90	3.90	22	55	4	•
X36PM-D3.91	3.91	22	55	4	○
X36PM-D3.92	3.92	22	55	4	○
X36PM-D3.93	3.93	22	55	4	○
X36PM-D3.94	3.94	22	55	4	○
X36PM-D3.95	3.95	22	55	4	○
X36PM-D3.96	3.96	22	55	4	○
X36PM-D3.97	3.97	22	55	4	○
X36PM-D3.98	3.98	22	55	4	○
X36PM-D3.99	3.99	22	55	4	○
X36PM-D4.00	4.00	22	55	4	•
X36PM-D4.01	4.01	22	68	6	○
X36PM-D4.02	4.02	22	68	6	○
X36PM-D4.03	4.03	22	68	6	○
X36PM-D4.04	4.04	22	68	6	○
X36PM-D4.05	4.05	22	68	6	○
X36PM-D4.06	4.06	22	68	6	○
X36PM-D4.07	4.07	22	68	6	○
X36PM-D4.08	4.08	22	68	6	○
X36PM-D4.09	4.09	22	68	6	○
X36PM-D4.10	4.10	22	68	6	•
X36PM-D4.11	4.11	22	68	6	○
X36PM-D4.12	4.12	22	68	6	○
X36PM-D4.13	4.13	22	68	6	○
X36PM-D4.14	4.14	22	68	6	○
X36PM-D4.15	4.15	22	68	6	○
X36PM-D4.16	4.16	22	68	6	○
X36PM-D4.17	4.17	22	68	6	○
X36PM-D4.18	4.18	22	68	6	○
X36PM-D4.19	4.19	22	68	6	○
X36PM-D4.20	4.20	22	68	6	•
X36PM-D4.21	4.21	22	68	6	○
X36PM-D4.22	4.22	22	68	6	○
X36PM-D4.23	4.23	22	68	6	○

商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D4.24	4.24	22	68	6	○
X36PM-D4.25	4.25	22	68	6	○
X36PM-D4.26	4.26	24	68	6	○
X36PM-D4.27	4.27	24	68	6	○
X36PM-D4.28	4.28	24	68	6	○
X36PM-D4.29	4.29	24	68	6	○
X36PM-D4.30	4.30	24	68	6	•
X36PM-D4.31	4.31	24	68	6	○
X36PM-D4.32	4.32	24	68	6	○
X36PM-D4.33	4.33	24	68	6	○
X36PM-D4.34	4.34	24	68	6	○
X36PM-D4.35	4.35	24	68	6	○
X36PM-D4.36	4.36	24	68	6	○
X36PM-D4.37	4.37	24	68	6	○
X36PM-D4.38	4.38	24	68	6	○
X36PM-D4.39	4.39	24	68	6	○
X36PM-D4.40	4.40	24	68	6	•
X36PM-D4.41	4.41	24	68	6	○
X36PM-D4.42	4.42	24	68	6	○
X36PM-D4.43	4.43	24	68	6	○
X36PM-D4.44	4.44	24	68	6	○
X36PM-D4.45	4.45	24	68	6	○
X36PM-D4.46	4.46	24	68	6	○
X36PM-D4.47	4.47	24	68	6	○
X36PM-D4.48	4.48	24	68	6	○
X36PM-D4.49	4.49	24	68	6	○
X36PM-D4.50	4.50	24	68	6	•
X36PM-D4.51	4.51	24	68	6	○
X36PM-D4.52	4.52	24	68	6	○
X36PM-D4.53	4.53	24	68	6	○
X36PM-D4.54	4.54	24	68	6	○
X36PM-D4.55	4.55	24	68	6	○
X36PM-D4.56	4.56	24	68	6	○
X36PM-D4.57	4.57	24	68	6	○

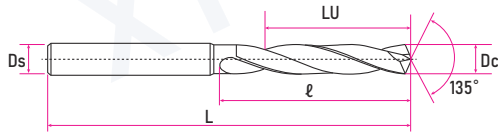
• 标准库存 ○ 需预定

工件材料													
P			M	K			N			S		H	
1 2 3 4	5	6 7	1 2 3	1 2	3	1 2	3	4	5	1 2 3	4	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢	不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC			<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○			◎			○	○	○		○	○		

◎ 最适合 ○ 适合



# X36-PM定柄钻头



最大推荐钻深 LU=ℓ-1.5D



商品编码 Art No	直径 D <sub>C</sub>	刃长 ℓ	全长 L	柄径 D <sub>S</sub>	库存 Stock
X36PM-D4.58	4.58	24	68	6	○
X36PM-D4.59	4.59	24	68	6	○
X36PM-D4.60	4.60	24	68	6	●
X36PM-D4.61	4.61	24	68	6	○
X36PM-D4.62	4.62	24	68	6	○
X36PM-D4.63	4.63	24	68	6	○
X36PM-D4.64	4.64	24	68	6	○
X36PM-D4.65	4.65	24	68	6	○
X36PM-D4.66	4.66	24	68	6	○
X36PM-D4.67	4.67	24	68	6	○
X36PM-D4.68	4.68	24	68	6	○
X36PM-D4.69	4.69	24	68	6	○
X36PM-D4.70	4.70	24	68	6	●
X36PM-D4.71	4.71	24	68	6	○
X36PM-D4.72	4.72	24	68	6	○
X36PM-D4.73	4.73	24	68	6	○
X36PM-D4.74	4.74	24	68	6	○
X36PM-D4.75	4.75	24	68	6	○
X36PM-D4.76	4.76	26	72	6	○
X36PM-D4.77	4.77	26	72	6	○
X36PM-D4.78	4.78	26	72	6	○
X36PM-D4.79	4.79	26	72	6	○
X36PM-D4.80	4.80	26	72	6	●
X36PM-D4.81	4.81	26	72	6	○
X36PM-D4.82	4.82	26	72	6	○
X36PM-D4.83	4.83	26	72	6	○
X36PM-D4.84	4.84	26	72	6	○
X36PM-D4.85	4.85	26	72	6	○
X36PM-D4.86	4.86	26	72	6	○
X36PM-D4.87	4.87	26	72	6	○
X36PM-D4.88	4.88	26	72	6	○
X36PM-D4.89	4.89	26	72	6	○
X36PM-D4.90	4.90	26	72	6	●
X36PM-D4.91	4.91	26	72	6	○

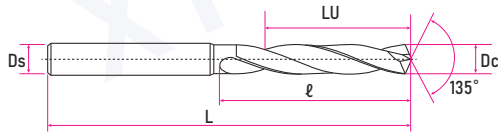
商品编码 Art No	直径 D <sub>C</sub>	刃长 ℓ	全长 L	柄径 D <sub>S</sub>	库存 Stock
X36PM-D4.92	4.92	26	72	6	○
X36PM-D4.93	4.93	26	72	6	○
X36PM-D4.94	4.94	26	72	6	○
X36PM-D4.95	4.95	26	72	6	●
X36PM-D4.96	4.96	26	72	6	○
X36PM-D4.97	4.97	26	72	6	○
X36PM-D4.98	4.98	26	72	6	○
X36PM-D4.99	4.99	26	72	6	○
X36PM-D5.00	5.00	26	72	6	●
X36PM-D5.01	5.01	26	72	6	○
X36PM-D5.02	5.02	26	72	6	○
X36PM-D5.03	5.03	26	72	6	○
X36PM-D5.04	5.04	26	72	6	○
X36PM-D5.05	5.05	26	72	6	●
X36PM-D5.06	5.06	26	72	6	○
X36PM-D5.07	5.07	26	72	6	○
X36PM-D5.08	5.08	26	72	6	○
X36PM-D5.09	5.09	26	72	6	○
X36PM-D5.10	5.10	26	72	6	●
X36PM-D5.11	5.11	26	72	6	○
X36PM-D5.12	5.12	26	72	6	○
X36PM-D5.13	5.13	26	72	6	○
X36PM-D5.14	5.14	26	72	6	●
X36PM-D5.15	5.15	26	72	6	○
X36PM-D5.16	5.16	26	72	6	○
X36PM-D5.17	5.17	26	72	6	○
X36PM-D5.18	5.18	26	72	6	○
X36PM-D5.19	5.19	26	72	6	●
X36PM-D5.20	5.20	26	72	6	○
X36PM-D5.21	5.21	26	72	6	○
X36PM-D5.22	5.22	26	72	6	○
X36PM-D5.23	5.23	26	72	6	○
X36PM-D5.24	5.24	26	72	6	●
X36PM-D5.25	5.25	26	72	6	○

● 标准库存 ○ 需预定

工件材料													
P			M	K			N			S		H	
1 2 3 4	5	6 7	1 2 3	1 2	3	1 2	3	4	5	1 2 3	4	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢	不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC			<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○			◎			○	○	○		○	○		

◎ 最适合 ○ 适合

# X36-PM定柄钻头



最大推荐钻深 LU=ℓ-1.5D



商品编码 Art No	直径 Dc	刃长 ℓ	全长 L	柄径 Ds	库存 Stock
X36PM-D5.26	5.26	26	72	6	○
X36PM-D5.27	5.27	26	72	6	○
X36PM-D5.28	5.28	26	72	6	○
X36PM-D5.29	5.29	26	72	6	○
X36PM-D5.30	5.30	26	72	6	●
X36PM-D5.31	5.31	28	72	6	○
X36PM-D5.32	5.32	28	72	6	○
X36PM-D5.33	5.33	28	72	6	○
X36PM-D5.34	5.34	28	72	6	○
X36PM-D5.35	5.35	28	72	6	○
X36PM-D5.36	5.36	28	72	6	○
X36PM-D5.37	5.37	28	72	6	○
X36PM-D5.38	5.38	28	72	6	○
X36PM-D5.39	5.39	28	72	6	○
X36PM-D5.40	5.40	28	72	6	●
X36PM-D5.41	5.41	28	72	6	○
X36PM-D5.42	5.42	28	72	6	○
X36PM-D5.43	5.43	28	72	6	○
X36PM-D5.44	5.44	28	72	6	○
X36PM-D5.45	5.45	28	72	6	○
X36PM-D5.46	5.46	28	72	6	○
X36PM-D5.47	5.47	28	72	6	○
X36PM-D5.48	5.48	28	72	6	○
X36PM-D5.49	5.49	28	72	6	○
X36PM-D5.50	5.50	28	72	6	●
X36PM-D5.51	5.51	28	72	6	○
X36PM-D5.52	5.52	28	72	6	○
X36PM-D5.53	5.53	28	72	6	○
X36PM-D5.54	5.54	28	72	6	○
X36PM-D5.55	5.55	28	72	6	○
X36PM-D5.56	5.56	28	72	6	○
X36PM-D5.57	5.57	28	72	6	○
X36PM-D5.58	5.58	28	72	6	○
X36PM-D5.59	5.59	28	72	6	○

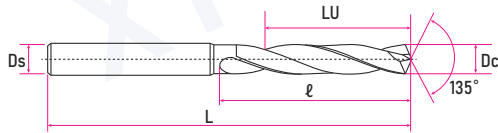
商品编码 Art No	直径 Dc	刃长 ℓ	全长 L	柄径 Ds	库存 Stock
X36PM-D5.60	5.60	28	72	6	●
X36PM-D5.61	5.61	28	72	6	○
X36PM-D5.62	5.62	28	72	6	○
X36PM-D5.63	5.63	28	72	6	○
X36PM-D5.64	5.64	28	72	6	○
X36PM-D5.65	5.65	28	72	6	○
X36PM-D5.66	5.66	28	72	6	○
X36PM-D5.67	5.67	28	72	6	○
X36PM-D5.68	5.68	28	72	6	○
X36PM-D5.69	5.69	28	72	6	○
X36PM-D5.70	5.70	28	72	6	●
X36PM-D5.71	5.71	28	72	6	○
X36PM-D5.72	5.72	28	72	6	○
X36PM-D5.73	5.73	28	72	6	○
X36PM-D5.74	5.74	28	72	6	○
X36PM-D5.75	5.75	28	72	6	○
X36PM-D5.76	5.76	28	72	6	○
X36PM-D5.77	5.77	28	72	6	○
X36PM-D5.78	5.78	28	72	6	○
X36PM-D5.79	5.79	28	72	6	○
X36PM-D5.80	5.80	28	72	6	●
X36PM-D5.81	5.81	28	72	6	○
X36PM-D5.82	5.82	28	72	6	○
X36PM-D5.83	5.83	28	72	6	○
X36PM-D5.84	5.84	28	72	6	○
X36PM-D5.85	5.85	28	72	6	○
X36PM-D5.86	5.86	28	72	6	○
X36PM-D5.87	5.87	28	72	6	○
X36PM-D5.88	5.88	28	72	6	○
X36PM-D5.89	5.89	28	72	6	○
X36PM-D5.90	5.90	28	72	6	●
X36PM-D5.91	5.91	28	72	6	○
X36PM-D5.92	5.92	28	72	6	○
X36PM-D5.93	5.93	28	72	6	○

● 标准库存 ○ 需预定

工件材料															
P			M	K			N				S		H		
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢		不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金		铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC				<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC	
○				◎			○	○	○		○	○			

◎ 最适合 ○ 适合

# X36-PM定柄钻头



最大推荐钻深 LU=l-1.5D



商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D5.94	5.94	28	72	6	○
X36PM-D5.95	5.95	28	72	6	○
X36PM-D5.96	5.96	28	72	6	○
X36PM-D5.97	5.97	28	72	6	○
X36PM-D5.98	5.98	28	72	6	○
X36PM-D5.99	5.99	28	72	6	○
X36PM-D6.00	6.00	28	72	6	●
X36PM-D6.1	6.10	31	75	8	○
X36PM-D6.2	6.20	31	75	8	○
X36PM-D6.3	6.30	31	75	8	○
X36PM-D6.4	6.40	31	75	8	○
X36PM-D6.5	6.50	31	75	8	○
X36PM-D6.6	6.60	31	75	8	○
X36PM-D6.7	6.70	31	75	8	○
X36PM-D6.8	6.80	34	78	8	●
X36PM-D6.9	6.90	34	78	8	○
X36PM-D7.0	7.00	34	78	8	●
X36PM-D7.1	7.10	34	78	8	○
X36PM-D7.2	7.20	34	78	8	○
X36PM-D7.3	7.30	34	78	8	○
X36PM-D7.4	7.40	34	78	8	○
X36PM-D7.5	7.50	34	78	8	○
X36PM-D7.6	7.60	37	81	8	○
X36PM-D7.7	7.70	37	81	8	○
X36PM-D7.8	7.80	37	81	8	○
X36PM-D7.9	7.90	37	81	8	○
X36PM-D8.0	8.00	37	81	8	●
X36PM-D8.1	8.10	37	87	10	○
X36PM-D8.2	8.20	37	87	10	○
X36PM-D8.3	8.30	37	87	10	○
X36PM-D8.4	8.40	37	87	10	○
X36PM-D8.5	8.50	37	87	10	○
X36PM-D8.6	8.60	40	90	10	○
X36PM-D8.7	8.70	40	90	10	○

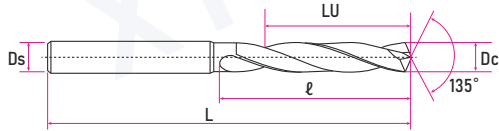
商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D8.8	8.80	40	90	10	○
X36PM-D8.9	8.90	40	90	10	○
X36PM-D9.0	9.00	40	90	10	●
X36PM-D9.1	9.10	40	90	10	○
X36PM-D9.2	9.20	40	90	10	○
X36PM-D9.3	9.30	40	90	10	○
X36PM-D9.4	9.40	40	90	10	○
X36PM-D9.5	9.50	40	90	10	●
X36PM-D9.6	9.60	43	93	10	○
X36PM-D9.7	9.70	43	93	10	○
X36PM-D9.8	9.80	43	93	10	○
X36PM-D9.9	9.90	43	93	10	○
X36PM-D10.0	10.00	43	93	10	●
X36PM-D10.1	10.10	43	100	12	○
X36PM-D10.2	10.20	43	100	12	○
X36PM-D10.3	10.30	43	100	12	○
X36PM-D10.4	10.40	43	100	12	○
X36PM-D10.5	10.50	43	100	12	●
X36PM-D10.6	10.60	43	100	12	○
X36PM-D10.7	10.70	47	104	12	○
X36PM-D10.8	10.80	47	104	12	○
X36PM-D10.9	10.90	47	104	12	○
X36PM-D11.0	11.00	47	104	12	●
X36PM-D11.1	11.10	47	104	12	○
X36PM-D11.2	11.20	47	104	12	○
X36PM-D11.3	11.30	47	104	12	○
X36PM-D11.4	11.40	47	104	12	○
X36PM-D11.5	11.50	47	104	12	●
X36PM-D11.6	11.60	47	104	12	○
X36PM-D11.7	11.70	47	104	12	○
X36PM-D11.8	11.80	47	104	12	○
X36PM-D11.9	11.90	51	108	12	○
X36PM-D12.0	12.00	51	108	12	●
X36PM-D12.1	12.10	51	108	14	○

● 标准库存 ○ 需预定

工件材料													
P		M	K		N				S		H		
1 2 3 4	5	6 7	1 2 3	12	3	12	3	4	5	1 2 3	4	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢	不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC			<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○			◎			○	○	○		○	○		

◎ 最适合 ○ 适合

# X36-PM定柄钻头



最大推荐钻深 LU=l-1.5D



商品编码 Art No	直径 Dc	刃长 l	全长 L	柄径 Ds	库存 Stock
X36PM-D12.2	12.20	51	108	14	○
X36PM-D12.3	12.30	51	108	14	○
X36PM-D12.4	12.40	51	108	14	○
X36PM-D12.5	12.50	51	108	14	●
X36PM-D12.6	12.60	51	108	14	○
X36PM-D12.7	12.70	51	108	14	○
X36PM-D12.8	12.80	51	108	14	○
X36PM-D12.9	12.90	51	108	14	○
X36PM-D13.0	13.00	51	108	14	●

● 标准库存 ○ 需预定

工件材料													
P			M	K			N				S	H	
1	2	3	4	5	6	7	1	2	3	4	5	1	2
碳钢、合金钢	合金钢、工具钢	PH与铁素体/马氏体不锈钢	不锈钢	灰铸铁、球墨铸铁	高合金铸铁	锻造铝合金、铸造铝合金	铸造铝合金	铜合金	复合材料	高温合金	钛合金	淬硬钢	淬硬钢
<35HRC	35-48HRC			<35HRC	35-45HRC	Si<12%	Si<12%	<HB200		<HB450	<HB400	45-55HRC	55-60HRC
○			◎			○	○	○		○	○		

◎ 最适合 ○ 适合

## 切削参数推荐

被削材	一般结构用钢碳钢		合金钢调质钢		模具钢预硬钢		不锈钢		铸铁		铝合金铜合金		耐热, 耐腐蚀合金 钛合金 铬镍铁合金	
	~200HB		20-30HRC		30-40HRC								30-40HRC	
直径 (mm)	转速 (min <sup>-1</sup> )	进给速度 (mm/min)	转速 (min <sup>-1</sup> )	进给速度 (mm/min)	转速 (min <sup>-1</sup> )	进给速度 (mm/min)	转速 (min <sup>-1</sup> )	进给速度 (mm/min)	转速 (min <sup>-1</sup> )	进给速度 (mm/min)	转速 (min <sup>-1</sup> )	进给速度 (mm/min)	转速 (min <sup>-1</sup> )	进给速度 (mm/min)
0.5	16000	240	13000	150	9500	80	5100	50	20000	300	23000	300	2500	18
1.0	9500	250	8000	190	6400	140	3500	65	12000	400	15000	500	1600	25
2.0	5700	360	4600	240	3200	160	1900	80	6300	490	9700	760	800	27
3.0	4200	460	3400	320	2100	170	1300	85	4700	640	7200	980	530	29
5.0	2500	430	2000	290	1250	165	760	80	2800	600	4300	920	320	28
8.0	1600	370	1300	250	800	150	480	75	1800	530	2700	790	200	26
10.0	1300	340	1000	230	650	140	380	73	1400	460	2200	730	160	26
12.0	1100	310	850	210	530	130	320	70	1200	430	1800	670	130	25
16.0	800	290	640	200	400	120	240	63	880	390	1400	610	100	23
20.0	640	260	510	180	320	110	190	57	700	350	1100	550	80	21
25.0	510	240	410	160	250	95	150	50	560	330	870	510	64	19
32.0	400	160	320	120	200	70	120	40	440	250	680	380	50	16

## 切削条件的计算公式

$\text{切削速度}(V_c) = \frac{\text{工具直径}(D_c) \times \text{圆周率}(\pi) \times \text{转速}(n)}{1000} \quad (\text{m/min})$
$\text{进给量}(f) = \frac{\text{进给速度}(V_f)}{\text{转速}(n)} \quad (\text{mm/rev})$
$\text{进给率} = \frac{\text{进给量}(f)}{\text{工具直径}(D_c)} \quad (\%)$

## 例

被削材:碳钢 S50C	转速:5100min <sup>-1</sup>	工具直径:φ5	进给速度:590mm/min
$\text{切削速度}(V_c) = \frac{5.0 \times \pi \times 5100}{1000} = 80\text{m/min}$			
$\text{进给量}(f) = \frac{590}{5100} = 0.116\text{mm/rev}$			
$\text{进给率} = \frac{0.116}{5} = 2.3\%$			



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