

G25 耐磨环



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1.说明

G25 耐磨环是由聚甲醛或者聚酰胺材料经注射成型的整体式耐磨环，用于活塞杆导向。

2.应用

广泛应用于液压及其它往复运动系统，适用于中载和重载的应用场合，如用在标准液压缸、叉车、汽车起重机、农业机械、建筑机械等。

3.优点

- 成本低
- 承载能力高，尺寸稳定性好，避免了金属之间的接触
- 耐热性好，耐磨性好，寿命长
- 摩擦力小
- 简单的整体式沟槽，安装简便

4.标准材料

玻璃纤维填充的聚甲醛 D501

5.表面粗糙度

表面粗糙度	Ra	Rz	Rmax.
配合表面μm	0.05-0.3	<1.6	<2.5
沟槽表面μm	<1.6	<10.0	<16.0

6.工况要求

- 速度：≤1m/s（往复运动）
- 温度：-40℃~+110℃
- 动态压缩应力：≤40N/mm²（在 25℃时）
- 介质：矿物液压油、生物油、水和其它。



7. 订货示例

形式：30° 斜切口
活塞杆直径：100
沟槽尺寸：100x105x9.7
材料：D501
订货号 G25 - 9.7x 2.5 - 100 - D501

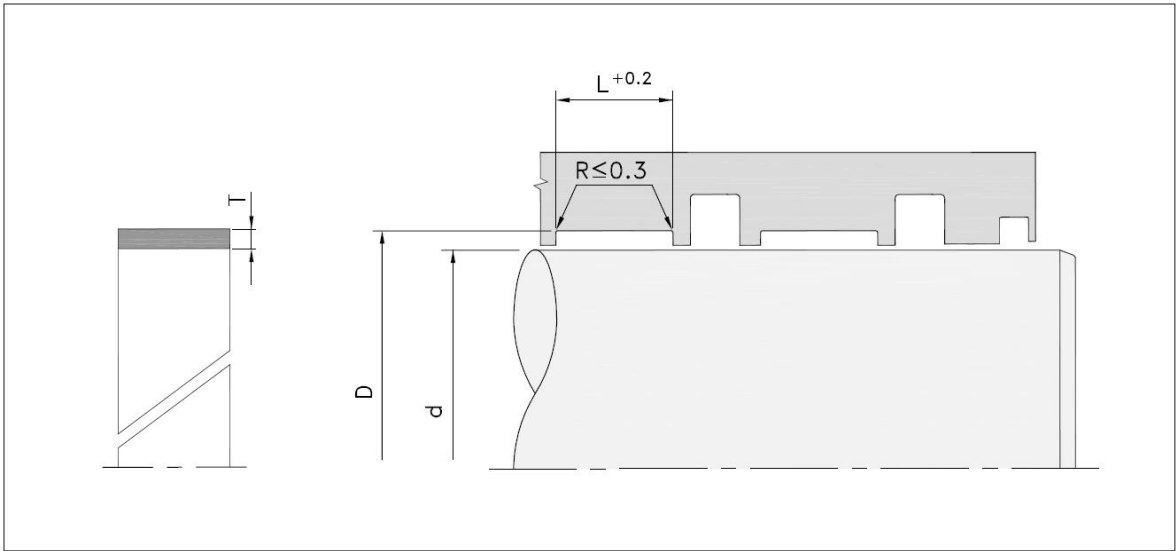
型号

槽宽 x 槽深

杆径 x10

材料

8. 安装尺寸参数



9. 规格尺寸表

订货号	杆径 d f8/h9	沟槽直径 D H8	沟槽宽度 L ^{+0.2}	耐磨环厚度 T
G25-5.6x2.5-20	20.0	25.0	5.6	2.5
G25-5.6x2.5-25	25.0	30.0	5.6	2.5
G25-9.7x2.5-25	25.0	30.0	9.7	2.5
G25-5.6x2.5-27	27.0	32.0	5.6	2.5
G25-5.6x2.5-30	30.0	35.0	5.6	2.5
G25-9.7x2.5-30	30.0	35.0	9.7	2.5
G25-19.4x2.5-30	30.0	35.0	19.4	2.5



G25-4.5x2.5-35	35.0	40.0	4.5	2.5
G25-5.6x2.5-35	35.0	40.0	5.6	2.5
G25-9.7x2.5-35	35.0	40.0	9.7	2.5
G25-5.6x2.5-36	36.0	41.0	5.6	2.5
G25-5.6x2.5-40	40.0	45.0	5.6	2.5
G25-9.7x2.5-40	40.0	45.0	9.7	2.5
G25-5.6x2.5-45	45.0	50.0	5.6	2.5
G25-9.7x2.5-45	45.0	50.0	9.7	2.5
G25-19.4x2.5-45	45.0	50.0	19.4	2.5
G25-9.7x2.0-46	46.0	50.0	9.7	2.0
G25-10.2x2.0-46	46.0	50.0	10.2	2.0
G25-5.6x2.5-50	50.0	55.0	5.6	2.5
G25-9.7x2.5-50	50.0	55.0	9.7	2.5
G25-5.6x2.5-55	55.0	60.0	5.6	2.5
G25-9.7x2.5-55	55.0	60.0	9.7	2.5
G25-10.2x2.0-56	56.0	60.0	10.2	2.0
G25-5.6x2.5-58	58.0	63.0	5.6	2.5
G25-9.7x2.5-58	58.0	63.0	9.7	2.5
G25-10.0x2.0-59	59.0	63.0	10.0	2.0
G25-5.6x2.5-60	60.0	65.0	5.6	2.5
G25-9.7x2.5-60	60.0	65.0	9.7	2.5
G25-19.4x2.5-60	60.0	65.0	19.4	2.5
G25-5.6x2.5-65	65.0	70.0	5.6	2.5
G25-9.7x2.5-65	65.0	70.0	9.7	2.5
G25-10.2x2.0-66	66.0	70.0	10.2	2.0
G25-5.6x2.5-67	67.0	72.0	5.6	2.5
G25-5.6x2.5-70	70.0	75.0	5.6	2.5
G25-9.7x2.5-70	70.0	75.0	9.7	2.5
G25-5.6x2.5-75	75.0	80.0	5.6	2.5
G25-9.7x2.5-75	75.0	80.0	9.7	2.5
G25-19.4x2.5-75	75.0	80.0	19.4	2.5
G25-10.0x2.0-76	76.0	80.0	10.0	2.0
G25-5.6x2.5-80	80.0	85.0	5.6	2.5
G25-9.7x2.5-80	80.0	85.0	9.7	2.5
G25-5.6x2.5-85	85.0	90.0	5.6	2.5
G25-9.7x2.5-85	85.0	90.0	9.7	2.5
G25-5.6x2.5-90	90.0	95.0	5.6	2.5
G25-9.7x2.5-90	90.0	95.0	9.7	2.5
G25-19.4x2.5-90	90.0	95.0	19.4	2.5
G25-9.7x2.5-92	92.0	97.0	9.7	2.5
G25-5.6x2.5-95	95.0	100.0	5.6	2.5
G25-9.7x2.5-95	95.0	100.0	9.7	2.5



G25-10.0x2.0-96	96.0	100.0	10.0	2.0
G25-5.6x2.5-100	100.0	105.0	5.6	2.5
G25-9.7x2.5-100	100.0	105.0	9.7	2.5
G25-20.0x2.5-103	103.0	108.0	20.0	2.5
G25-9.7x2.5-105	105.0	110.0	9.7	2.5
G25-15.0x2.5-105	105.0	110.0	15.0	2.5
G25-19.4x2.5-105	105.0	110.0	19.4	2.5
G25-9.7x2.5-110	110.0	115.0	9.7	2.5
G25-9.7x2.5-115	115.0	120.0	9.7	2.5
G25-5.6x2.5-120	120.0	125.0	5.6	2.5
G25-9.7x2.5-120	120.0	125.0	9.7	2.5
G25-9.7x2.5-122	122.0	127.0	9.7	2.5
G25-19.4x2.5-122	122.0	127.0	19.4	2.5
G25-9.7x2.5-130	130.0	135.0	9.7	2.5
G25-15.0x2.5-135	135.0	140.0	15.0	2.5
G25-19.4x2.5-145	145.0	150.0	19.4	2.5
G25-20.0x2.5-145	145.0	150.0	20.0	2.5
G25-15.0x2.5-160	155.0	160.0	15.0	2.5
G25-15.0x2.5-175	175.0	180.0	15.0	2.5
G25-25.0x2.0-176	176.0	180.0	15.0	2.0

