

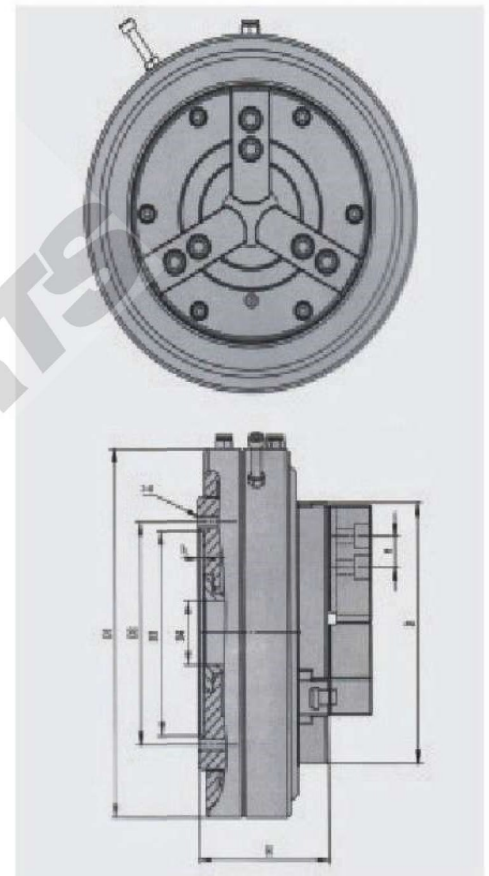
QZ 前置式气动卡盘

FRONT-MOUNTED PNEUMATIC CHUCK

- 短圆柱后锁螺钉连接形式。
- 该卡盘安装方便，连接方式采用行业标准，无需改动原机床结构，气缸和卡盘一体式设计，机床前后可以各装一台同时使用。
- 该卡盘孔径大，内含单向阀，夹紧可靠，旋转时密封装置为使用脱离状态，使用寿命长。
- 使用原理：卡盘夹紧动力源为压缩空气，当压缩空气通过配气环进入单向阀后再进入卡盘气缸内，推动活塞，使卡爪夹紧工件，夹紧后换向阀断电，气缸内的气压由单向阀密封，配气环上的密封装置松开，不接触卡盘本体，此时即可启动设备进行正常工作。
- 注意事项：因为夹紧、松开时为通气状态，此时配气环上的特制密封件箍紧卡盘体外圆，所以卡盘在夹紧和松开工件时机床主轴应停止旋转。
- 可实现夹紧和撑紧两种功能。



尺寸图 Dimensions



- Short cylinder rear-lock screw connection form.
- The chuck is easily installed, and its connection method follows industry standards without having to change the original machine tool structure, the cylinder and chuck are integrated and designed, and one chuck can be mounted in front of and at the back of machine tools respectively to use at the same time.
- The chuck has a big bore diameter, and contains a one-way valve and has the function of reliable clamping; while the chuck is rotating, the sealing device is in the disengaged position, so it has a long service life.
- Working principle: the clamping power source of the chuck is compressed air when compressed air flows into the one-way valve through a distributing ring and then into the chuck cylinder, thus to drive the piston, so that the jaw dips a workpiece tightly; then, the reversing valve is powered off, and the air pressure within the cylinder is sealed by the one-way valve. The sealing device of the distributing ring is released, not to contact the chuck body, and the equipment can be started for normal work at this time.
- Note: because the chuck is ventilated in the clamping and released state, and the special sealing element on the distributing ring clamps the excircle of the chuck body tightly, so the machine tool spindle should stop rotating while the chuck is clamping and releasing the workpiece.
- With two functions of clamping and holding.

规格表 Specification

单位/UNT:mm

型号 Model	D	D1	D2	D3	D4	e	H	h	Z-d
-	120	185	100	72	15	14	90.5	4	3-M8
QZ-05	140	210	108	95	25	14	95	4	3-M8
QZ-06	175	248	142	130	36	20	105	4	6-M8
QZ-08	210	298	180	165	52	25	112	5	6-M10
QZ-10	252	346	226	206	75/185	30	118	6	6-M12
QZ-12	325	425	290	270	91/110	30	138	6	6-M12

型号 Model	许用压力 Mpa Permissible pressure Mpa	卡爪冲程直径 Jaw Stroke Diameter. (mm)	楔型角 Wedge Angle	最大夹持面积 cm ² Maximum static clamping force KN	最高转速 r/min Maximum speed r/min	净重 Weight (kg)
-	0.4-0.8	3.6	14°	39.5	3000	10.5
QZ-05	0.4-0.8	3.6	7°	54.8	2800	15.3
QZ-06	0.4-0.8	4.0	8°	134.3	2800	23
QZ-08	0.4-0.8	5.0	8°	193.8	2500	36
QZ-10	0.4-0.8	6.0	10°	285.8	2200	50
QZ-12	0.4-0.8	10	14°	497.6	1800	72