

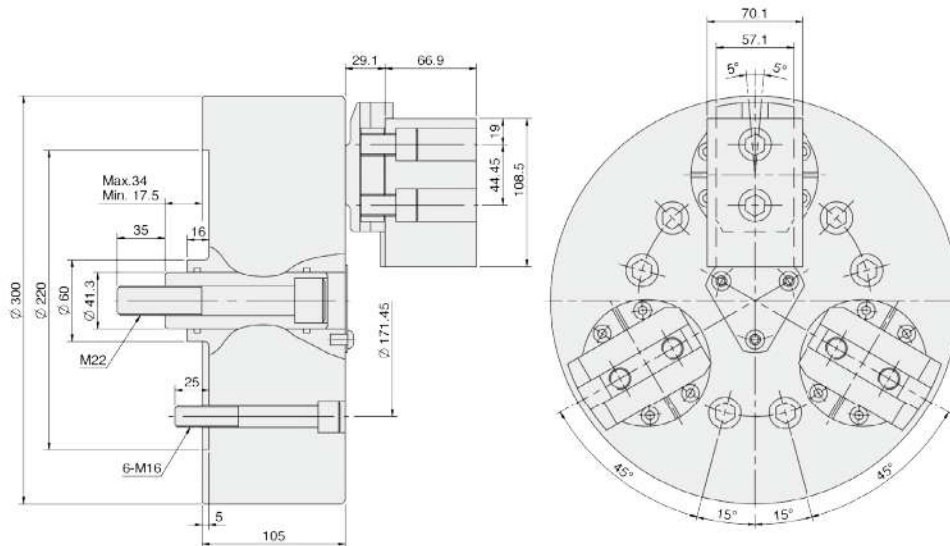


Product schematic

# BL

## 3-jaw ball swing lock chuck

1. The chuck can attract the workpiece and hold it on.  
The jaw operates in two stages :  
Clamping pull back, so it can hold the workpiece exactly on the position in front of the chuck, and make it under the stable situation.
2. The chuck can grasp the workpiece on both O.D. and I.D. clamping.  
The chuck can switch between O.D. and I.D. clamping mode by a simple operation.
3. The chuck can grasp the part of the taper. The chuck can exactly grasp the black surface of the cast irons, which has draft.  
So the discard process can be ignored on the chucking part of the workpiece.(It can grasp up to a 20 degree taper when using a clipper.)
4. The jaw can equalize on the O.D. clamping, so it can grasp the workpiece steady. (Jaw self-equalizing to max 5°)
5. Dustproof performance is excellent. It is differ from regular general purpose chuck. It is structurally dustproof. Especially there is a dustproof seal in the part of lock arm to prevent the dust.



UNIT : mm

SPEC Model	Plunger Stroke (mm)	Jaw Stroke (In Dia.) (mm)	Max. Pull Force kN(kgf)	Max. Gripping Force kN(kgf)	Max. Operating Pressure MPa(kgf / cm <sup>2</sup> )	Max. Speed (r.p.m.)	Weight (kg)	Moment Of Inertia I (kg · m <sup>2</sup> )	Matching Cylinder	Matching Soft Jaw	Gripping Range O.D. Range / I.D. Range
BL-12	17.5	12.4	40.7(4152)	122(12440)	2.8(28.5)	2800	65	0.18	MS150C	BL-12	Ø63-Ø240 / Ø127-Ø305