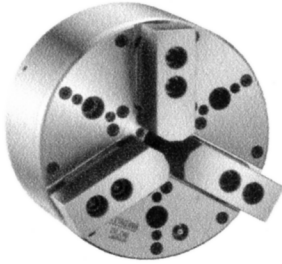




EDWARD ANDREWS INTERNATIONAL

"Tooling and Workholding Specialist in the Metal Cutting Industry"

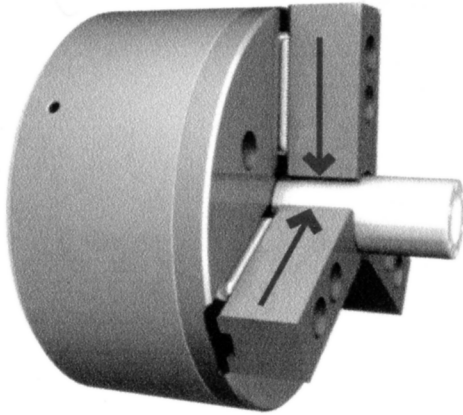
STERLING HEIGHTS, MICHIGAN



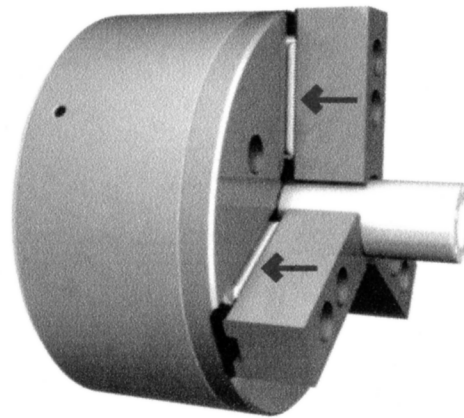
KITAGAWA®

DL SERIES

JAW PARALLEL SHIFT DRAWING-DOWN CHUCK

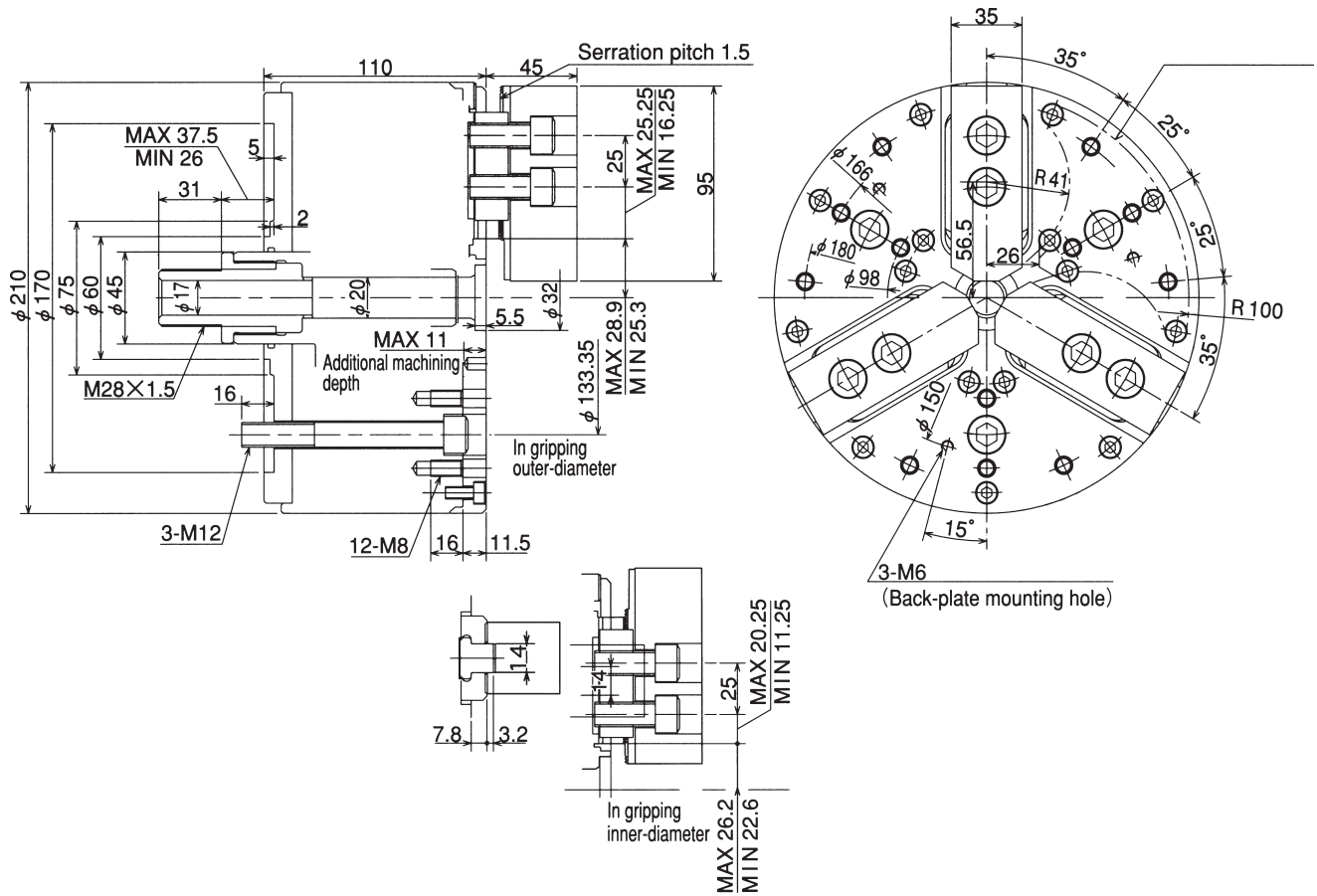


JAW PARALLEL CLAMPING



DRAWING DOWN AFTER CLAMPING

- DRAW DOWN FEATURE CAN HELP HOLD TOLERANCES AND INCREASE PART STABILITY
- USES CONVENTIONAL STANDARD SERRATED TOP JAWS
- FLEXIBILITY ALLOWS COST EFFECTIVE USE ON SMALLER QUALITY RUNS UP TO MASS PRODUCTION PROCESSING
- HAS LARGE GRIPPING RANGE (8.26" DIA. CHUCK HAS A 8.26" MAXIMUM AND A 1.18" MINIMUM GRIPPING DIA.)
- CAN BE USED FOR I.D. OR O.D. GRIPPING (WHEN CHANGED FROM O.D. TO I.D. GRIPPING IT IS NECESSARY TO REMOVE THE FRONT COVER AND TURN MASTER JAWS 180°)
- DUST PROOF DESIGN WITH GREASED ENCLOSED STRUCTURE



MODEL DL08														
GRIPPING RANGE (MM)		JAW STROKE DIA. (MM)	PLUNGER STROKE (MM)	MAX. INPUT kN(kgf)		MAX. STATIC GRIPPING FORCE kN(kgf)		MAX. SPEED RPM	NET WEIGHT WSTD. JAWS (kg)	COMPATIBLE CYLINDER	MAX PRESSURE MPa(kgf/cm ²)		MIN. INPUT kN (kgf)	MIN. PRESSURE MPa (kgf/cm ²)
MAX.	MIN.			OUTER DIA. GRIPPING	INNER DIA. GRIPPING	OUTER DIA. GRIPPING	INNER DIA. GRIPPING				OUTER DIA. GRIPPING	INNER DIA. GRIPPING		
210	30	7.2	11.5	31 (3161)	21 (2141)	84 (8566)	56 (5710)	5000	30	Y1225R	3.2 (32.6)	2.2 (22.4)	6. (628)	0.8 (816)

PRECAUTIONS TO USE:

- 1) Clamp (grip) the workpiece with the end face touched to the locator.
- 2) When changing the outer-dia. gripping and the inner-dia. gripping, it is necessary to remove the front cover and turn the master jaw 180°.
- 3) Set the unclamp set pressure of cylinder to 1.5 times against clamp pressure. However, take care so as not to exceed max. cylinder pressure (Y1225R is 4MPa).
- 4) When the workpiece is greatly distorted by drawing-in action of chuck, it may be necessary to adjust the drawing-in force by adjusting or replacing inside parts. Please contact us when adjusting or exchanging parts inside a DL chuck.
- 5) When the gripping diameter of workpiece is small, jaw's rigidity is low, jaw is high are overlapped, the chuck may not draw the workpiece rarely. In this case, it may be necessary to adjust the drawing-in force by adjusting or replacing inside parts.
- 6) To obtain the stable grasping and drawing-in, use low jaw height.

Note: Specifications subject to change without notice due to ongoing research and development.