

Long Stroke Power Chucks

LS Series 10" through 36" Diameter 2 Jaw and 3 Jaw Wedge Type Power Chucks

- Direct Mount to American Standard ASA B5.9 Type A1, A2, B1, B2, DIN 55026-1 DIN 55021-A and ISO R 702-1 spindles.

- The LS Series Power Chucks are designed to provide accuracy, high clamping force and long service life.

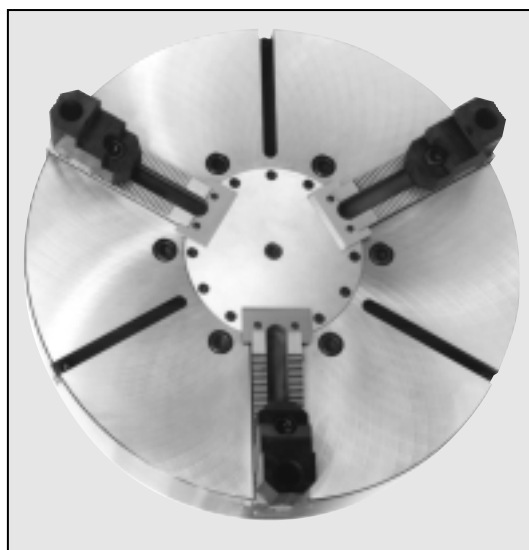
- jaw movement to 1/2" per jaw depending on size.*
- jaw force to 22,000 lbs. per jaw depending on size.*
- chucking repeatability of .0005" T.I.R.*

- Large load bearing surfaces reduce wear, increase accuracy and service life.

- LS Series Power Chucks are manufactured in the USA from high-alloy steel. All wearing surfaces are hardened and ground.

- 10" through 18" chuck bodies are manufactured from 8620 steel case hardened.*
- 21" and larger chuck bodies are manufactured from 4150 heat treated steel.*

- master jaws and wedges are manufactured from 8620 steel case hardened.*



- Superior chip and coolant protection reduces lubrication frequency, increases chucking force and extends service life.

- Lubrication Fittings - one in each master jaw and three in the chuck body (all 6 in the periphery for ease of access) - provide lubrication for all wearing surfaces.

- LS Series 10" through 18" are supplied with factory fitted mounting plates. 21" through 36" have integral mountings.

- LS Series 10" through 18" are supplied with tapped holes in lieu of "T" slots. 21" through 36" are supplied with tapped holes or "T" slots, customer to specify.

- The LS Series are supplied with American Standard Tongue and Groove or American Standard Acme Serrated Master jaws. Additional jaw configurations available.

- *1/4" pitch American Standard Square Serrated*
- *1/16" x 90° v serration 10" through 12"*
- *3/32" x 90° v serration 15" through 36"*
- *1.5 mm x 60° v serration 10" through 15"*
- *3 mm x 60° v serration 18" through 36"*

Specifications LS Series

Size	10	12	15	18	21	24	28	30	32	36
Jaw Stroke/Jaw	.375	.375	.375	.375	.500	.500	.500	.500	.500	.500
Wedge Stroke	1.50	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.00	2.00
Max Draw										
Bar Pull Lbs	9,000	11,000	16,000	20,000	25,000	25,000	25,000	25,000	25,000	25,000
Grip Force/ Jaw Lbs	9,000	11,000	16,000	19,000	22,000	22,000	22,000	22,000	22,000	22,000
Max Speed										
RPM	3,000	2,500	2,250	1,850	1,650	1,300	1,200	1,100	900	800
Weight Lbs	100	150	260	390	620	820	1,110	1,250	1,440	1,800