



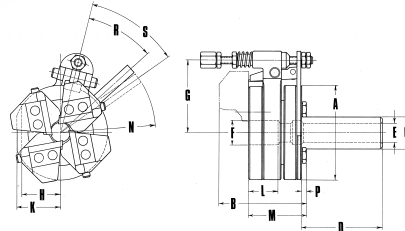
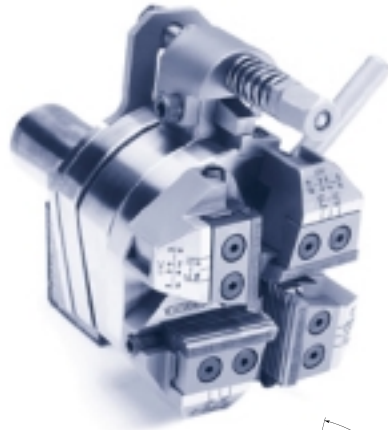
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Specifications

DE Landmatic

- For applications where the part rotates and the threading tool is stationary
- For straight threading, large diameter, and tapered thread applications from #4 to 1-1/4" maximum oversize (3 to 32 mm)
- Push or pull-off opening, cam closed
- For application to automatic turret lathes, Swiss and Brown and Sharpe machines
- Feature radially adjustable shanks to allow correction for misalignment between workpiece and die head
- Cushioning spring mechanism compensates for differences between cam feed and thread lead and the correct starting pressure for the thread being cut
- External trip mechanism allows for "push-off" or "pull-off" as the application requires

Specs/Dimensions



Specifications

5/8" 5DE	
Range—Inches*	#4 to 5/8
Range—mm	4 to 16
Range—Pipe Sizes	1/8 & 1/4
Coarsest Pitch—Thrds. per in.	11
Coarsest Pitch—mm	2.0
Weight—Lbs.	5-1/4
Weight—Kgms.	2.38

*Left- and Right-Hand Heads required.

Dimensions

5/8" 5DE		
Dimensions	Inches	mm
A	2-15/16	74.6
B*	2-25/32	69.8
C	1	25.4
D	2-1/2	63.5
E	19/32	15.1
F	47/64	18.7
G	2-1/4	57.2
H	1-7/32	31.0
K	1-3/8	34.9
L	15/16	23.8
M	1-55/64	46.4
N	2-31/32	75.4
P	5/32	3.9
R		48° Closed
S		55° Opened

*"B" Dimension based upon the use of standard, maximum range U.N.C. Chaser Holders. For correct dimension when using oversize or any other holder, please contact Landis Engineering Department.

5/8" 5DE LANDMATIC - Standard Chaser HoldersK

RANGE	THREAD FORM	HELIX ANGLE	CHASER SIZE	RIGHT-HAND		LEFT-HAND	
				HOLDER PART NO.	GAGE PART NO.	HOLDER PART NO.	GAGE PART NO.
No. 4 to No. 12	UNC	4-1/4°	5/8 x 1-1/8	LNS0B051854A	LOD051855	LNS0B051856A	LNS0D051857
3/16 to 5/8	UNC	3-1/2°	5/8 x 1-1/8	LNS0B003283A	LOC060052	LNS0B003435A	LOC060053
No. 4 to No. 12	UNF	3-1/2°	5/8 x 1-1/8	LNS0B003283B	LOD051855	LNS0B003435B	LNS0D051857
1/4 to 5/8	UNF	2-1/3°	5/8 x 1-1/8	LNS50C003612B	LOC060052	LNS0B021839B	LOC060053
1/8 to 7/32	WHIT	4-1/4°	5/8 x 1-1/8	LNS0B051854C	LOD051855	LNS0B051856C	LNS0D051857
3/16 to 5/8	WHIT	3-1/2°	5/8 x 1-1/8	LNS0B003283C	LOC060052	LNS0B003435C	LOC060053
1/4 to 5/8	BSF	2-3/4°	5/8 x 1-1/8	LNS0C003341D	LOC060052	LNS0C003436D	LOC060053
4 to 16 mm	METRIC COARSE	3-1/2°	5/8 x 1-1/8	LNS0B003283E	LOC060054	LNS0B003435E	LNS0C060055
4 to 16 mm	METRIC FINE	2°	5/8 x 1-1/8	LNS0C011067F	LOC060054	LNS0B099874F	LOC060055
1/8 to 1/4	PIPE	2°	5/8 x 1-1/8	LNS0C011067I	LOC060056	LNS0B099874I	LNS0C060057

5/8" - 5DE LANDMATIC Oversize Chaser Holders K

Range Inch - (mm)	Chaser Size	Coarsest Pitch Thrds. Per In. - (mm)	Maximum Thread Length Inch - (mm)
3/4 to 1 (18 to 24 mm)	5/8 x 1-1/8	14 - (1.75 mm)	7/8 - (22 mm)
1 to 1-1/4* (24 to 32 mm)	5/8 x 1-1/8	14 - (1.75 mm)	1-5/16* - (33 mm*)

* Up to and including the indicated diameter and thread length are obtainable, however, the larger diameters and longer thread lengths are subject to factory recommendations. Important—Total thread length allowing 1/8" clearance.

† Note: Oversized chaser holders are furnished against order to thread specific diameter and pitch combinations. Often, more than one diameter and pitch combination can be threaded with a particular set of oversize chaser holders depending upon the helix angles involved.

Also, the thread must be within the coarsest pitch and maximum thread length limitations of the chaser holders. Please refer complete information on diameter and pitch combinations for engineering review.

K Chaser holder and chaser setting gage numbers that have the "L" prefix indicates that they are stocked items. Numbers that are preceded by the "LNS" prefix indicates that they are non-stock items.

