

OPERATOR'S

HANDBOOK

"GALLIC 16"

AGENT :



C O N T E N T S

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TECHNICAL DATA

CHAPTER II

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CHAPTER V

OPERATING THE LATHE

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CHAPTER VI

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CHAPTER VII

LUBRIFICATION

- Lubrification chart

CHAPTER VIII

HOW TO USE THE THREAD CHASING DIAL

Encl. Fig. 1 to 15A.

I. TECHNICAL DATA

SPECIFICATION	CG16	DG16
Height of centres	"	8
Distance between centres	" 40	60
SWING DIAMETERS		
Swing over bed and saddle	"	16 3/8
Swing over cross slide	"	8 13/16
BED		
Width of bed	"	12 13/16
HEADSTOCK		
Hole through spindle	"	1 3/4
Centre Morse taper	n°	4
Spindle nose taper		Americ. Stand. L1
SPINDLE SPEEDS		
Number		16
Range	rpm	40 to 2000
FEEDS AND SCREWCUTTING		
42 longitudinal feeds	"	from .0026 to .172
42 transversal feeds	"	from .0013 to .086
54 Whitworth threads	tpi	from 48 to 13/16
31 metric threads	mm	from 0,45 to 20
54 Pitch threads	pitch	from 96 to 1 5/8
28 Module threads	mod	from 0,25 to 10
Pitch of leadscrew	tpi	4
	or mm	6
APRON		
Length dial		1 dial revolution = 4"
Dial graduation	"	.010
SADDLE AND SLIDES		
Saddle		
Length	"	20 3/4
Max. travel	" 40	60
Cross slide		
Length	"	20
Width	"	7 7/8
Max. travel	"	9 1/16
Pitch of operating screw	tpi	5
Dial graduation	"	.001



Tool slide

Length	"	11 3/8
Width	"	4 7/8
Max. travel	"	5 3/8
Swivel angle	°	from + 90 to - 90
Pitch of leadscrew	tpi	10
Dial graduation	"	.001
Square turret section	"	5 x 5
Square turret indexing		12 positions at 30°

TAILSTOCK

Diameter of barrel	"	2 9/16
Length of barrel	"	11 1/4
Max. travel of barrel	"	5
Quick retraction of barrel	"	5/8
Centre Morse taper	n°	4
Length dial graduation	"	.001
Length of guiding on the bed	"	11
Disaxing each side of spindle centre	"	13/32

MOTOR - Two speed motor HP 10/7.5

WEIGHT - Appr. net weight lbs 3520 3740