

CONTENTS

PART I FNGINFERING COMPONENTS

| CHAP. | | PAGE |
|-------|--|------|
| I. | BOLTS AND NUTS, SCREW-THREADS. | |
| | Washers, Set-screws, Studs, Grub- | |
| | SCREWS, ETC. | 11 |
| II. | SPLIT-PINS, COTTERS AND COTTER-BOLTS . | 50 |
| III. | KEYS, KEYWAYS, SPLINES ON SHAFTS, ETC. | 57 |
| IV. | RIVETS AND RIVETING . | 67 |
| v. | SHAFTS, COLLARS, CRANKS, ECCENTRIC, ETC. | 76 |
| VI. | COUPLINGS AND CLUTCHES . | 87 |
| VII. | BEARINGS (PLAIN, BUSHED, SPLIT-STEP | |
| | BALL, ROLLER AND SPECIAL TYPES) . | 115 |
| VIII. | GEARING-SPUR, BEVEL, MITRE, WORM, | |
| | Belt, Chain, Cotton-rope, "Vee "- | |
| | ROPE, ETC. | 134 |
| IX. | PIPES OR TUBES, FITTINGS, CONNECTIONS, | |
| | Joints, Glands, Valves, etc | 175 |
| Χ. | SPRINGS-COMPRESSION, TENSION, TORSION | |
| | AND LAMINATED, ETC. | 209 |
| | | |
| | PART II | |
| | MATERIALS AND TESTING | |
| | MATERIALS AND TESTING | |
| XI. | Engineering Materials | 218 |
| XII. | Testing of Materials. | 230 |
| • | INDEX . | 236 |
| | INDEA | 230 |