

# DIN 34801:2021-08 (E)

## Bolts and screws with external hexalobular driving feature with large flange

| <b>Contents</b>   | <b>Page</b> |
|---|-------------|
| Foreword .....  | 3           |
| 1 Scope .....   | 4           |
| 2 Normative references .....  | 4           |
| 3 Terms and definitions.....  | 4           |
| 4 Dimensions.....   | 5           |
| 5 Technical delivery conditions and relevant standards.....               | 10          |
| 6 Designation .....   | 10          |
| Annex A (normative) Gauging of hexalobular head .....                     | 11          |
| A.1 General .....   | 11          |
| A.2 Checking of head height .....   | 11          |
| A.3 Checking the external diameter ( $d_t$ ) of the hexalobular head..... | 11          |
| A.4 Checking head form.....   | 11          |
| Bibliography.....   | 14          |

## Figures

|   |    |
|---|----|
| Figure 1 — Normal shank bolt: Type C (notation).....  | 5  |
| Figure 2 — Dimensions of bolts with reduced shank or threaded nearly up to the head: Type B ..... | 6  |
| Figure A.1 — Gauge for gauging hexalobular head .....   | 11 |
| Figure A.2 — Gauging with section A.....  | 12 |
| Figure A.3 — Gauging with section B.....  | 12 |
| Figure A.4 — Gauging with section C .....   | 12 |
| Figure A.5 — Gauge dimensions.....  | 13 |

## Tables

|  |    |
|--|----|
| Table 1— Dimensions .....  | 7  |
| Table 2 — Lengths .....  | 8  |
| Table 3 — Technical delivery conditions and relevant standards ..... | 10 |
| Table A.1 — Gauge dimensions .....                                   | 13 |