DIN 3965:2023-04 (E)

Accuracy of bevel gears

Contents

Page

Foreword 3

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Symbols and abbreviations 8

5 Structure of the flank tolerance classification system 9
5.1 Tolerance relations 9
5.2 Deviations on reference dimensions 10
5.3 Accuracy grades 10
5.4 Calculation of the tolerances 10

6 Tolerancing 12

7 Additional measurement conditions 12
7.1 General 12
7.2 Runout deviations 12
7.3 Pitch deviations 12
7.4 Single-flank composite deviations 13

8 Contact pattern 14

9 Relative position of the gear axes and tolerances 14

Bibliography 16