

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1123

ROLLING BEARINGS
TAPERED ROLLER BEARINGS
INCH SERIES
CHAMFER DIMENSION LIMITS

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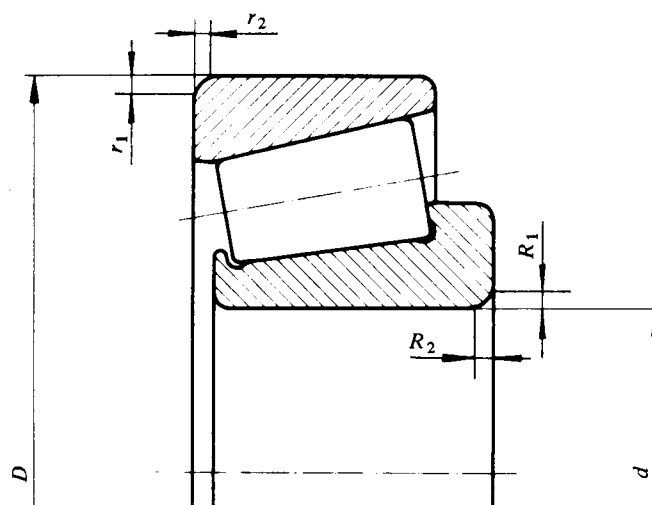
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CHAMFER DIMENSION LIMITS

1. SCOPE

This ISO Recommendation comprises the maximum chamfer dimension limits for the chamfers, for which minimum values $R_{\min}$ and $r_{\min}$ are given in ISO Recommendation R 355, Part I, *Rolling bearings – Tapered roller bearings – Boundary dimensions*.

2. SYMBOLS



- d = inner ring bore diameter
- D = outer ring outside diameter
- R = nominal dimension of inner ring backface chamfer
- R_1 = height of inner ring backface chamfer
- R_2 = width of inner ring backface chamfer
- r = nominal dimension of outer ring backface chamfer
- r_1 = height of outer ring backface chamfer
- r_2 = width of outer ring backface chamfer