

ISO 11529:2013-05 (E)

Milling cutters - Designation - Shank-type and bore-type milling cutters of solid or tipped design or with indexable cutting edge s

| Contents | | Page |
|---|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Summary explanation of the designation system | 1 |
| 4 | Designation symbols | 2 |
| 4.1 | Symbol identifying the diameter -- Position 1 | 2 |
| 4.2 | Symbol identifying the type of milling cutter -- Position 2 | 2 |
| 4.3 | Symbol identifying the number of effective cutting edges | 5 |
| 4.4 | Symbol identifying the hand of cutting | 5 |
| 4.5 | Symbol identifying the cutting-edge angle, r | 5 |
| 4.6 | Symbol identifying the design of end mill or milling cutter | 5 |
| 4.7 | Symbol identifying the maximum cutting depth or width, a_p | 6 |
| 4.8 | Symbol identifying the helix angle or shape of insert | 6 |
| 4.9 | Symbol identifying the type (symbol 9) and the style (symbol 10) of shank | 7 |
| 4.10 | Symbol identifying the size of shank | 10 |
| 5 | Manufacturer's information | 10 |
| 6 | Additional information on cutting part material | 11 |
| Annex A (informative) Relationship between designations in this International Standard and ISO 13399 (all parts) | | 12 |
| Bibliography | | 13 |