ISO/TS 13399-4:2021-11 (E)

Cutting tool data representation and exchange - Part 4: Reference dictionary for adaptive items

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 2

3 Termsanddefinitions 2

4 Abbreviated terms 4

5 Representation of the ontology concepts as dictionary entries 4
5.1 General 4
5.2 adaptive_item_type 5
5.2.1 General 5
5.2.2 collet 5
5.2.3 converter 5
5.2.4 driver 5
5.2.5 extender 5
5.2.6 reducer 6
5.3 Reference system for adaptive items 6
5.3.1 General 6
5.3.2 prismatic_adaptive_item_position 6
5.3.3 round_adaptive_item_position 7
5.4 adaptive_item_feature 7
5.5 General feature types 7

6 Properties for adaptive items 7

Annex A (normative) Principles of the ISO 13399 series 12

Annex B (informative)Classificationtable 15

Annex C (informative)Classdefinitions 16

Annex D (informative)Adaptiveitempropertydefinitions 42

Annex E (informative) ISYC pictures 170

Annex F (informative) Illustration of properties 191

Annex G (informative) Principles for applying body parameters of rotational symmetrical adapters 194

Bibliography 199