



TECHNICAL REPORT 4122

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Equipment for working the soil — Dimensions of flat disks — Type A

Matériel de travail du sol — Dimensions des disques plats — Type A

Technical Report 4122 was drawn up by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, and approved by the majority of its members.

It is based on a proposal to standardize the classification of the principal fixing dimensions and specifications for agricultural disks to ensure interchangeability for a minimum number of types and classes of disks adapted to the requirements of a broad range of working conditions.

However, only one part of this proposal, sub-clause 5.1, Nominal dimensions, relating to Type A disks, is covered in this Technical Report. The principal fixing dimensions and the number of these still have to be specified bearing in mind that the values for the “nominal diameters” D and “thickness” b have been agreed.

The other part of the proposal is covered in ISO 5679.

In May 1977, this document was submitted to the ISO Council, which approved its publication as a Technical Report.

0 INTRODUCTION

See ISO 5679.

1 SCOPE

See ISO 5679.

2 FIELD OF APPLICATION

See ISO 5679.

3 REFERENCE

ISO 5679, *Equipment for working the soil — Disks — Classification, principal fixing dimensions and specifications*.¹⁾

¹⁾ At present at the stage of draft.

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4 CLASSIFICATION

See ISO 5679.

5 SPECIFICATIONS

5.1 Nominal dimensions

The nominal dimensions recommended for disks in the table are those given for type A flat disks.

5.2 Cutting edge bevelling

See ISO 5679.

5.3 Eccentricity and wobble

See ISO 5679.

5.4 Flatness

See ISO 5679.

TABLE — Flat disks — Type A

Dimensions in millimetres

Nominal diameter $D \pm 10$	Central hole diameter d	Fixing holes			Thickness b^*
		P.C.D. d_1	Diameter d_2	Number	
250	42	60	8	3	2,5-3,5
		64	6,5		
300	48	70	10,7	3	2,5-3,5
350	32		6,5		
		92	6,6	5	2,5-4,0
		85	10,7	3	
400	50	65	70	4	
		85	8,5	4	4-6
		85	10,7	4	
		85	9,0	4	
450	65	100	8,5	6	
		100	10,7	4	4-6
		85	10,7	4	
		85	8,5	6	
500	75	100	10,7	4	
		105	11	4	
		85	10,7	4	5-8
		85	8,5	6	
550	80	100	10,7	4	
		125	11	4	
		85	10,7	4	5-8
		130	8,5	6	
600	105	100	10,7	4	
		125	11	4	
		100	10,7	6	5-8
		130	13	6	
800	105	150	15	6	8

* Values D and b have already been agreed.