

All shapes are possible

ATLANTIC grinding wheels are available in all the usual shapes. The diagrams on the following pages represent a selection of shapes.

Non-standard shapes can be supplied to customer drawing.

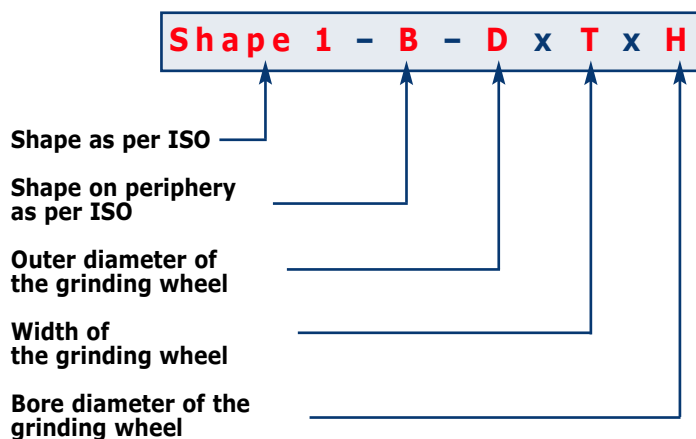
Description

A	Smallest width of segments
B	Width of segments and honing stones
C	Height of segments and honing stones
D	Outer diameter of grinding wheel
E	Back-wall thickness
F	Depth of recess one side
G	Depth of recess other side
H	Bore diameter
HG	Thread diameter of nut-inserts *
J	Diameter of outside back wall
K	Diameter of inside back wall
L	Length of segments and honing stones
N	Depth of tapers
NG	Number of nut-inserts *
P	Diameter of recess one side
P1	Diameter of recess other side
R	Radius
T	Overall width
TG	Depth of nut-insert *
U	Smallest width of tapered wheel
V	Angle of contact area/profile angle
W	Width of side wall
➔	Main grinding/contact face

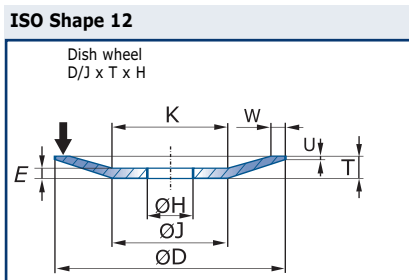
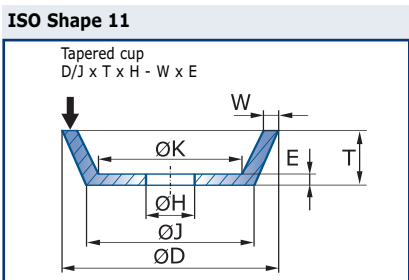
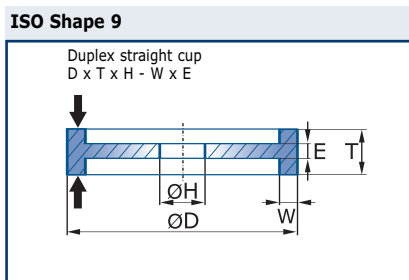
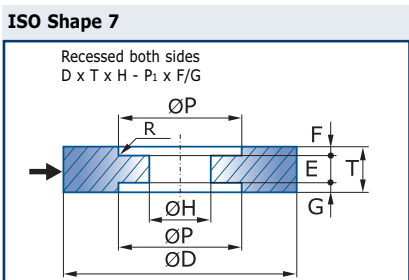
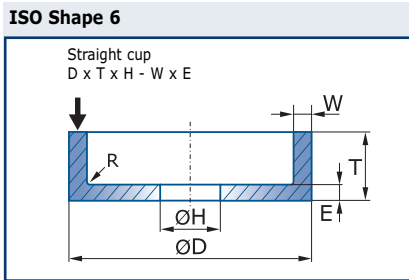
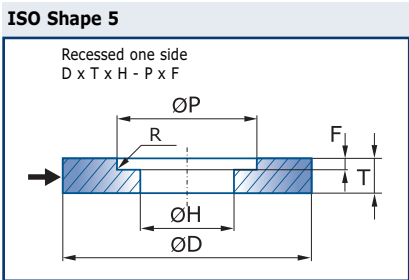
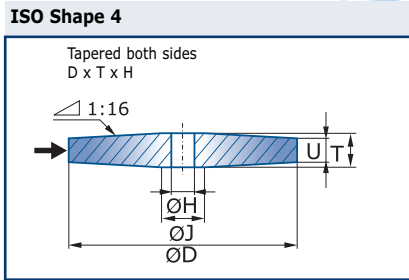
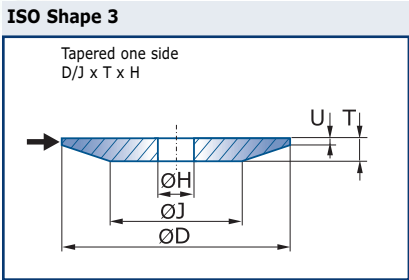
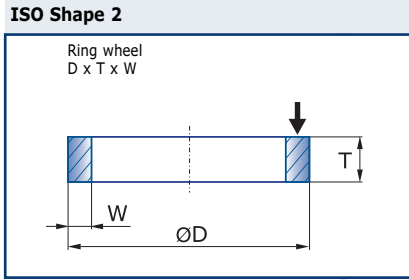
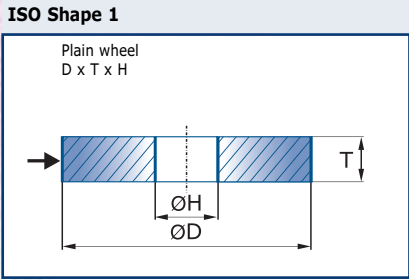
* not to ISO 525

Example

For certain applications, the contact face of a grinding wheel is profiled. This profile is identified by the shape on the periphery; it is also standardized.



Selection of ISO Shapes

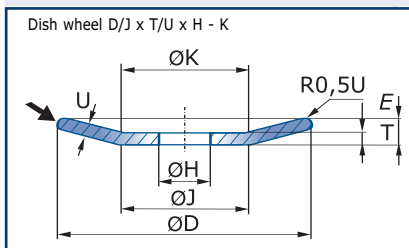


➔ = Grinding face

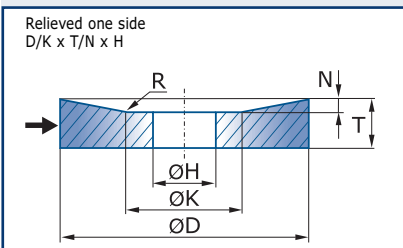
ISO-FORM



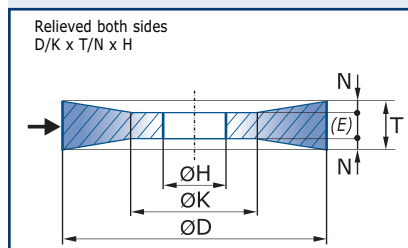
ISO Shape 13



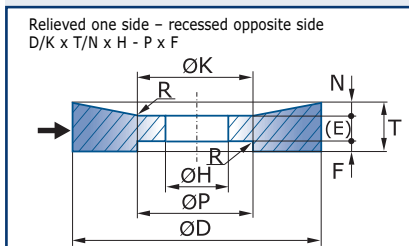
ISO Shape 20



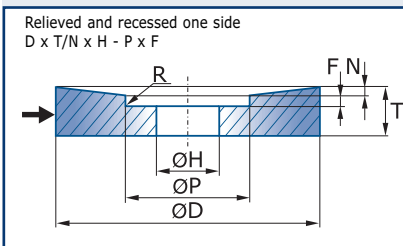
ISO Shape 21



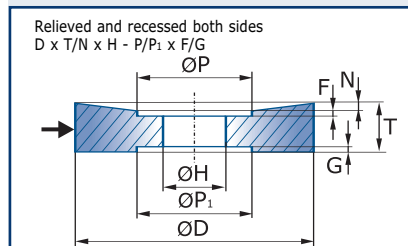
ISO Shape 22



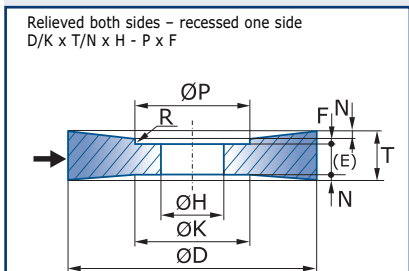
ISO Shape 23



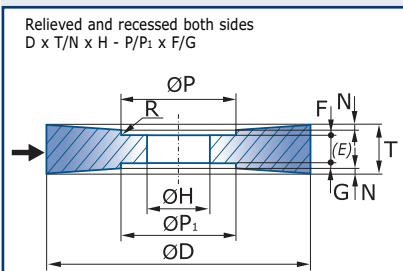
ISO Shape 24



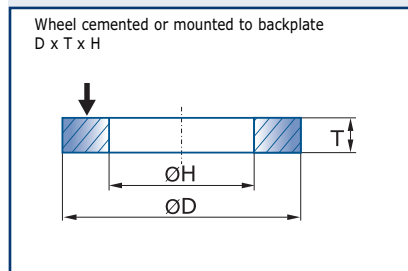
ISO Shape 25



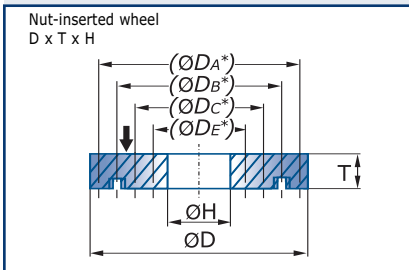
ISO Shape 26



ISO Shape 35

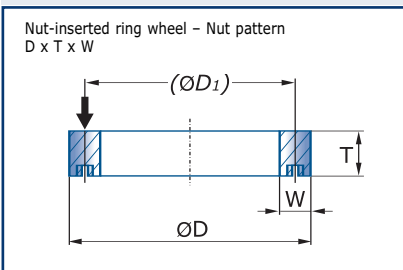


ISO Shape 36

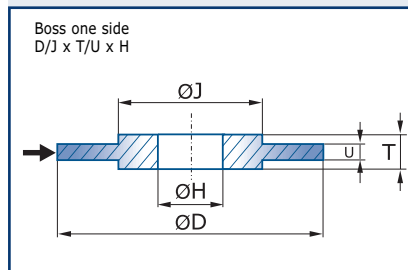


* Pitch circle diameter of nut-inserts

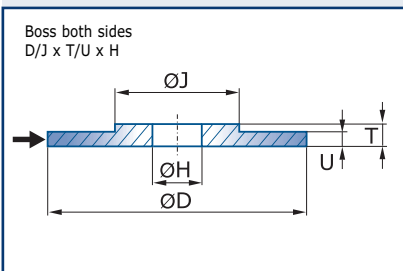
ISO Shape 37



ISO Shape 38

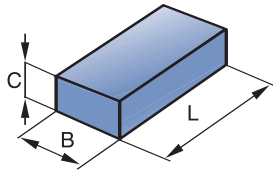


ISO Shape 39

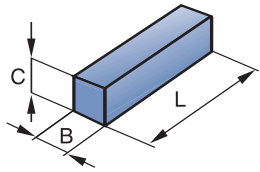


ISO Shapes

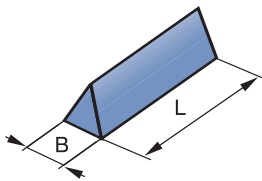
Hand stones and dressing sticks



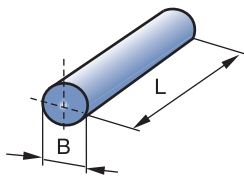
Shape 9010 - B x C x L



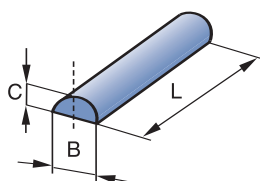
Shape 9011 - B x C x L



Shape 9020 - B x L

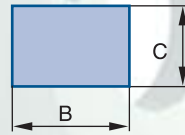


Shape 9030 - B x L

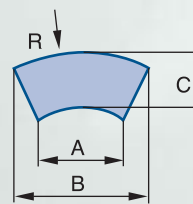
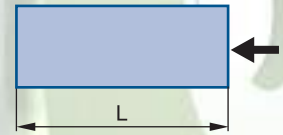


Shape 9040 - B x C x L

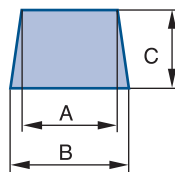
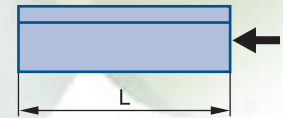
Grinding segments



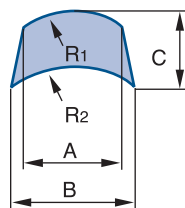
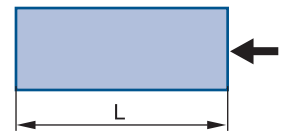
Shape 3101 - B x C x L



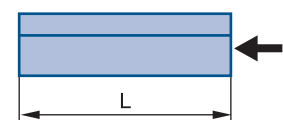
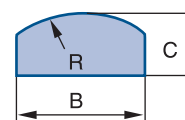
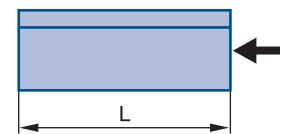
Shape 3104 - B x A x R x L



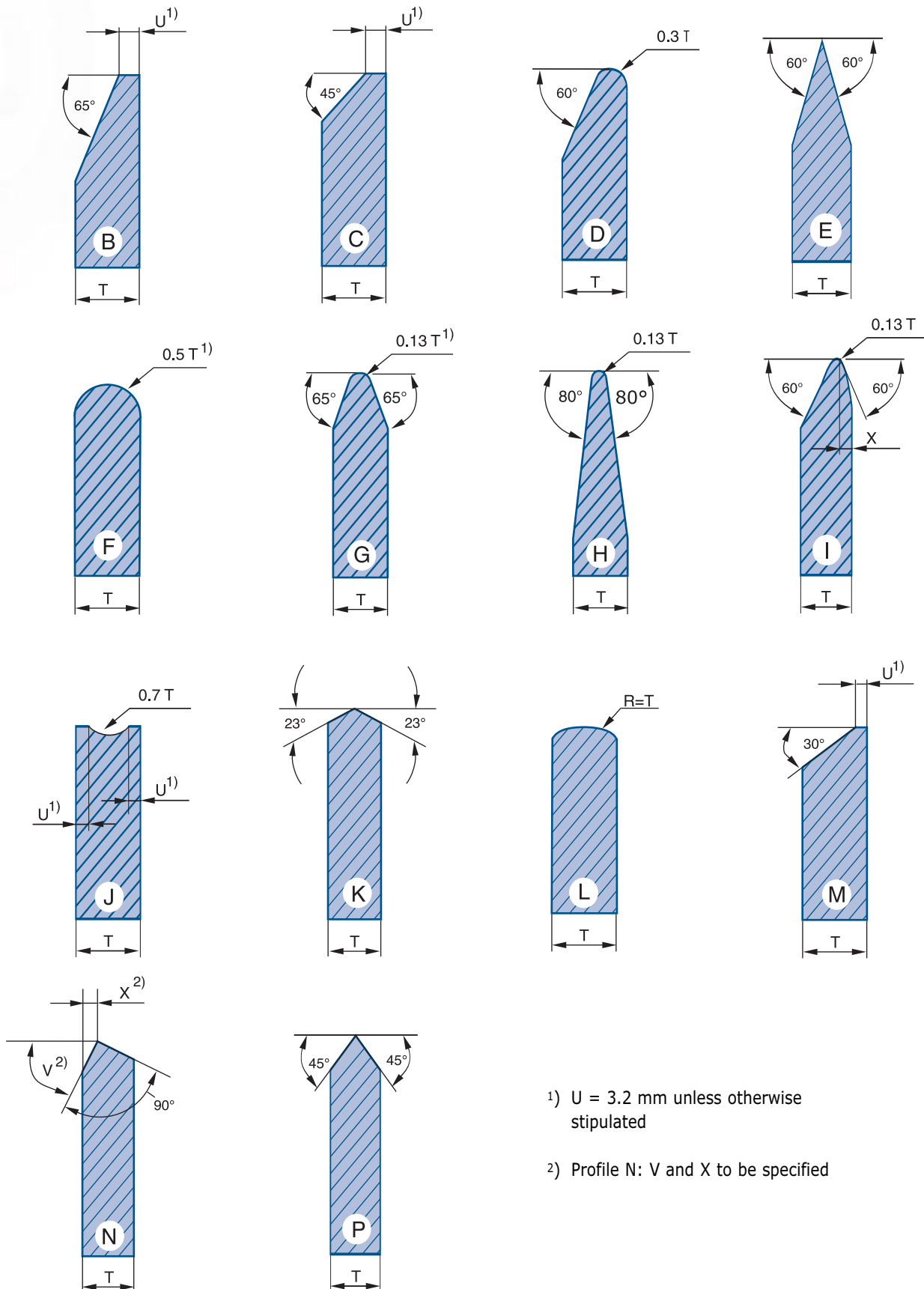
Shape 3109 - B x A x C x L



Dimensions to customer drawing



ISO Profiles



1) $U = 3.2 \text{ mm}$ unless otherwise stipulated

2) Profile N: V and X to be specified