

Coating Blades

Paul Wegner Coating Blades - the result of continuous technical development Since many years our customers and partners believe in the high qualities and strong

controlling measurements of Paul Wegner coating blades. Optimal coating and satisfied customers are our aspiration.

Qualities

Alloy No.:
1.1274 (AISI 1095)

Length:
After your specification

Angle degree:
Like your specification

Description:
C 100 S

Standard-width in mm:
20 - 200

Standard-thickness in mm:
0.25 / 0.305 / 0.381 / 0.40 / 0.457 /
0.508 / 0.60 / 0.635

Hardness:
HRC: 52 - 55
HV: 550 - 600

Tensile strength:
1800 - 2000 N/mm²

Surface:
blue polished



Alloy No.:
1.1274 (AISI 1095)

Length:
After your specification

Angle degree:
Like your specification

Description:
C 100 S

Standard-width in mm:
20 - 200

Standard-thickness in mm:
0.25 / 0.305 / 0.381 / 0.40 / 0.457 /
0.508 / 0.60 / 0.635

Hardness:
HRC: 52 - 55
HV: 550 - 600

Tensile strength:
1800 - 2000 N/mm²

Surface:
greyish blue



Alloy No.:
1.1274 (AISI 1095)

Length:
After your specification

Angle degree:
Like your specification

Description:
C 100 S

Standard-width in mm:
20 - 200

Standard-thickness in mm:
0.25 / 0.305 / 0.381 / 0.40 / 0.457 /
0.508 / 0.60 / 0.635

Hardness:
HRC: 52 - 55
HV: 550 - 600

Tensile strength:
1800 - 2000 N/mm²

Surface:
bright polished



Alloy No.:
1.4310 (AISI 301)

Length:
After your specification

Angle degree:
Like your specification

Description:
X10CrNi18-8

Standard-width in mm:
20 - 200

Standard-thickness in mm:
0.25 / 0.305 / 0.40 / 0.457 /
0.508 / 0.60

Hardness:
HRC: 46 - 49
HV: 460 - 500

Tensile strength:
1500 - 1700 N/mm²

Surface:
bright



Coating Blades

Further technical parameter

Tolerance

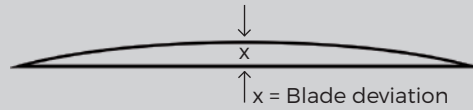
Width in mm:
76.2 +/- 0.15
84 +/- 0.15
100 +/- 0.15

Thickness in mm:
0.305 - 0.635 +/- 0.015

Angle degree:
+/- 1.5°

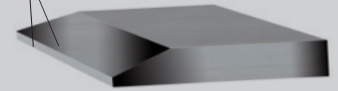
Straightness

Max. deviation exceeding
0.4 mm per 4 m length



Roughness

0.2 µm or better

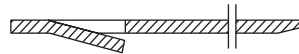


Design

Individual design:

Attrition indicators
Notches
Bevel protection

Notches like drawing

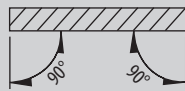


Notches like drawing

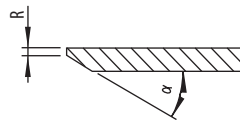


Bevel

Typ 1
ground squared edges
1 x 90° or 2 x 90°



Typ 2
oneside bevel (standard)
5° - 90°



Sketch of a coating machine

(oneside coating)

