

Doctor Blades – Metal

Different industries need different types of blades & knives. Combine your individual metal doctor blade for

your needed applications. High qualities and strong controlling measurements guarantee optimal results.

Qualities

Material-No.:
PW 100

Description:
Cold rolled and hardened

Range of application:
Depending on roll cover material

Alloy No.:
2.4375 (Monel)

Tensile strength:
850 – 1050 N/mm²

- Breast Rolls
- Press Rolls
- Steel Calanders

Description:
Ni Cu 30 AL

Surface:
bright



Hardness:
HRC: 26 – 32
HV: 270 – 320

Material-No.:
PW 110

Description:
Acid resistant and cold rolled

Range of application:
Depending on roll cover material

Alloy No.:
2.1020 (Bronze)

Tensile strength:
650 – 740 N/mm²

- Dryers
- Reel Drum
- Steel Calanders

Description:
Cu Sn 6

Surface:
bronze cold rolled



Hardness:
HB: 200 – 230

Material-No.:
PW 130

Description:
Cold rolled stainless steel
(18% chrome)

Range of application:
Depending on roll cover material

Alloy No.:
1.4310 (AISI 301)

Tensile strength:
1500 – 1700 N/mm²

- Hard rubber

Description:
X10CrNi18-8

Surface:
bright



Hardness:
HRC: 46 – 49
HV: 460 – 500

Material-No.:
PW 140

Description:
Hardened and tempered
stainless steel (13% chrome)

Range of application:
Depending on roll cover material

Alloy No.:
1.4021 (AISI 420)

Tensile strength:
1500 – 1700 N/mm²

- Dryers
- Press Rolls

Description:
X20Cr13

Surface:
bright polished



Hardness:
HRC: 47 – 50
HV: 470 – 520

Material-No.:
PW 150

Description:
Hardened and tempered
carbon steel with 0.75% C

Range of application:
Depending on roll cover material

Alloy No.:
1.0605 (AISI 1075)

Tensile strength:
1500 – 1700 N/mm²

- Dryers
- Steel Calanders
- MG Cylinders
- Yankee Creping

Description:
C 75 S

Surface:
bright polished



Hardness:
HRC: 46 – 49
HV: 460 – 500

Doctor Blades – Metal

Qualities

Material-No.:
PW 160

Alloy No.:
1.1274 (AISI 1095)

Description:
C 100 S

Hardness:
HRC: 50 – 54
HV: 530 – 600

Description:
Hardened and tempered carbon steel with 1.0% C

Tensile strength:
1800 – 2000 N/mm²

Surface:
bright polished

Range of application:
Depending on roll cover material

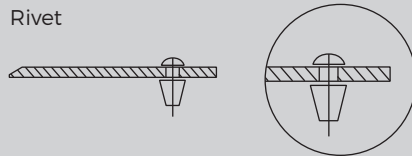
- Yankee Creping
- Dryers
- MG Cylinders



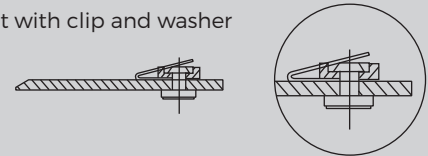
Design

Type of holder:
We deliver finished Doctor Blades for every type of holder and system, e.g.

Rivet



Rivet with clip and washer

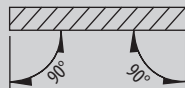


Individual design

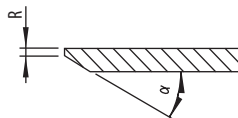
- Holes
- Slots
- Notches

Bevel

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



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



Typ 3
a) b) on both sides bevelled
c) double bevel

