

# BORNEMANN

## Cylindrical shank cutter "Basic-Cut"

### Applications

Milling and the manufacture of:

- Patterns (foundry patterns, design patterns etc.)
- Sculptures
- Decorations
- Packagings
- Case inserts
- Body-contoured seats, pads and cushions for medical and orthopaedic applications
- Engineered milling parts for multitude of uses
- and many more

### Milling materials

Hard, brittle, expanded plastics:

- Polystyrene (PS) up to 50 kg/m<sup>3</sup>
- Polyurethane (PU) up to 120 kg/m<sup>3</sup>
- and others

Semi-hard to viscous expanded plastics:

- Polyethylene (PE)
- Polypropylene (PPE / EPP)
- Polyurethane (PU)
- and others

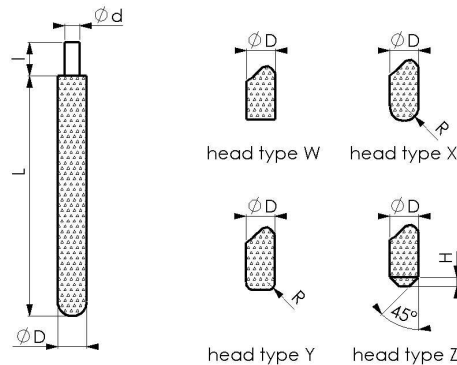
Soft (flexible) foam materials

- Polyurethane (PU)
- Polyethylene (PE)
- and others

When ordering, please provide the name of the milling material that you intend to machine with the Basic-Cut.

### Advantages

- Cylindrical shank
  - allows for a versatile and simple operation
- Individual tooth heights
  - ensure the ideal machining of your foamed plastics – from hard to soft
- Very good quality finishes
  - minimise manual rework
  - provides high planning reliability ensuring quality products
- Keep close tolerances
  - provides high planning reliability ensuring quality products
- Special hardening guarantees a long service life
  - ensures high economic efficiency
- Also available with integrated ISO or HSK adaptor.



### Ordering specifications / dimensions

Article-no.	Ø D [mm]	L [mm]	d [mm]	l [mm]
BW 301.03.015-__	3	15	6	30
BW 301.04.020-__	4	20	6	30
BW 301.06.030-__	6	30	6	30
BW 301.08.050-__	8	50	8	30
BW 301.10.050-__	10	50	10	30
BW 301.10.100-__	10	100	10	30
BW 301.12.050-__	12	50	12	30
BW 301.12.100-__	12	100	12	30
BW 301.15.050-__	15	50	12	30
BW 301.15.100-__	15	100	12	30
BW 301.15.150-__	15	150	16	35
BW 301.20.050-__	20	50	10	30
BW 301.20.100-__	20	100	20	40
BW 301.20.150-__	20	150	20	40
BW 301.20.200-__	20	200	20	40
BW 301.25.050-__	25	50	10	30
BW 301.25.100-__	25	100	20	40
BW 301.25.150-__	25	150	20	40
BW 301.25.200-__	25	200	25	50
BW 301.25.250-__	25	250	25	50
BW 301.30.050-__	30	50	12	30
BW 301.30.100-__	30	100	16	35
BW 301.30.150-__	30	150	20	40
BW 301.30.200-__	30	200	25	50
BW 301.30.250-__	30	250	30	60
BW 301.40.050-__	40	50	12	30
BW 301.40.100-__	40	100	20	40
BW 301.40.150-__	40	150	25	50
BW 301.40.200-__	40	200	30	60
BW 301.40.250-__	40	250	30	60

Please indicate for place holder \_\_:

1. head type W, X, Y or Z,
2. radius R or height H.

Other dimensions on request.

Technical modifications reserved. Status September 2016