

# Czeski pils

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- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **36**
- SRM **4.3**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

## Steps

- Temp **64 C**, Time **45 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **17.4 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **45 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **17.4 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (86.2%)	81 %	4
Grain	Weyermann - Carapils	0.25 kg (4.3%)	78 %	4
Grain	Abbey Malt Weyermann	0.05 kg (0.9%)	75 %	45
Grain	Strzegom Wiedeński	0.3 kg (5.2%)	79 %	10
Grain	Strzegom Monachijski typ II	0.2 kg (3.4%)	79 %	22

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	25 g	20 min	4.5 %
Boil	Saaz (Czech Republic)	15 g	5 min	4.5 %
Boil	Marynka	30 g	60 min	10 %