

# Czeski Pilsner

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **24**
- SRM **4.3**
- Style **Classic American Pilsner**

## Batch size

- Expected quantity of finished beer **28 liter(s)**
- Trub loss **5 %**
- Size with trub loss **29.4 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **36 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **23.1 liter(s)**
- Total mash volume **30.8 liter(s)**

## Steps

- Temp **52 C**, Time **15 min**
- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **15 min**

## Mash step by step

- Heat up **23.1 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **60 min** at **66C**
- Keep mash **15 min** at **76C**
- Sparge using **20.6 liter(s)** of **76C** water or to achieve **36 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	6 kg (77.9%)	81 %	4
Grain	Weyermann - Carapils	0.7 kg (9.1%)	78 %	4
Grain	Strzegom Monachijski typ I	0.5 kg (6.5%)	79 %	16
Grain	Słód Zakwaszający	0.5 kg (6.5%)	80 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	30 g	60 min	4.5 %
Boil	Sladek	30 g	60 min	6 %
Whirlpool	Saaz (Czech Republic)	20 g	0 min	4.5 %
Whirlpool	Sladek	20 g	0 min	6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
------	------	------	--------	------------

Fermentis S-23	Lager	Dry	11.5 g	Fermentis Division of S.I.Lesaffre
----------------	-------	-----	--------	---------------------------------------