



# Drive sprocket for slat top chain

For chain ranges 820 and 815

PT820

- For driving CAP820 and CAP815 plate chains
- With bore and standard keyway
- Materials:
  - Reinforced polyamide
  - Stainless steel screws
- Operating temp.: -10°C to +120°C
- For dimensions and bore tolerances, please refer to technical pages

## Advantage

- Two part design facilitates easy assembly

## Accessories

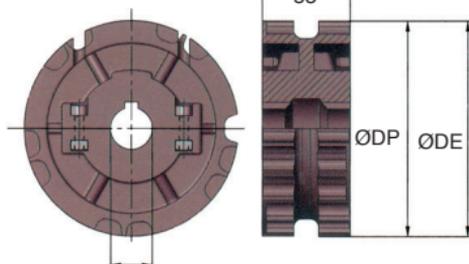
- Clamping ring BAP (tome 5 p.88-89)



Easy assembly



Two part design



## DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PT820-21-25	21	129	129,26	25	0,4	42,07 €
PT820-21-30	21	129	129,26	30	0,4	42,07 €
PT820-21-35	21	129	129,26	35	0,4	40,24 €
PT820-21-40	21	129	129,26	40	0,4	40,24 €
PT820-21-45	21	129	129,26	45	0,4	40,24 €
PT820-23-25	23	141	141,22	25	0,5	41,55 €
PT820-23-30	23	141	141,22	30	0,5	41,55 €
PT820-23-35	23	141	141,22	35	0,5	41,55 €
PT820-23-40	23	141	141,22	40	0,5	41,55 €
PT820-23-45	23	141	141,22	45	0,5	41,55 €
PT820-25-25	25	153	153,20	25	0,5	41,96 €
PT820-25-30	25	153	153,20	30	0,5	41,96 €
PT820-25-35	25	153	153,20	35	0,5	41,96 €
PT820-25-40	25	153	153,20	40	0,5	41,96 €
PT820-25-45	25	153	153,20	45	0,5	41,96 €

Dimensions in mm

# Drive sprocket for slat top chain

## PT880

## For chain range 880 TAB

- For driving CAP880T chains
- With bore and keyway
- Materials:
  - Reinforced polyamide
  - Stainless steel screws
- Operating temp.: -10°C to +120°C
- For dimensions and bore tolerances, please refer to technical pages

### Advantage

- Two part design facilitates easy assembly

### Accessories

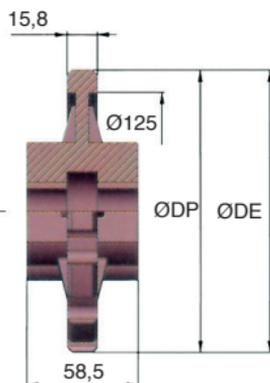
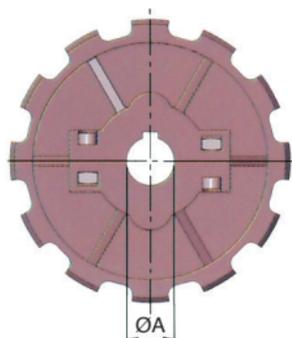
- Clamping ring BAP (tome 5 p.88-89)



Easy assembly



Two part design



### DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PT880-12-25	12	147,2	147,21	25	0,39	40,54 €
PT880-12-30	12	147,2	147,21	30	0,39	40,54 €
PT880-12-35	12	147,2	147,21	35	0,39	40,54 €
PT880-12-40	12	147,2	147,21	40	0,39	40,54 €

Dimensions in mm



# Drive sprocket for slat top chain

## For chain range 881 TAB

## PT881

- For driving CAP881T/SS chains
- With bore and keyway
- Materials:
  - Reinforced polyamide
  - Stainless steel screws
- Operating temp.: -10°C to +120°C
- For dimensions and bore tolerances, please refer to technical pages

Easy assembly



### Advantage

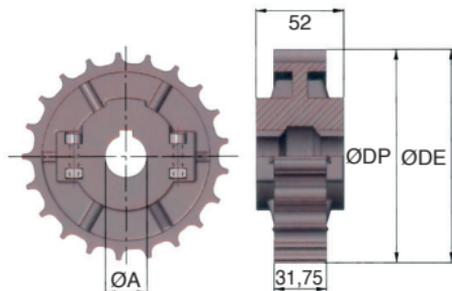
- Two part design facilitates easy assembly

### Accessories

- Clamping ring BAP (tome 5 p.88-89)



Two part design



### DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PT881-21-25	21	129	129,26	25	0,37	38,36 €
PT881-21-30	21	129	129,26	30	0,37	38,36 €
PT881-21-35	21	129	129,26	35	0,37	38,36 €
PT881-21-40	21	129	129,26	40	0,37	38,36 €
PT881-21-45	21	129	129,26	45	0,37	38,36 €
PT881-23-25	23	141	141,22	25	0,44	39,85 €
PT881-23-30	23	141	141,22	30	0,44	39,85 €
PT881-23-35	23	141	141,22	35	0,44	39,85 €
PT881-23-40	23	141	141,22	40	0,44	39,85 €
PT881-23-45	23	141	141,22	45	0,44	39,85 €
PT881-25-25	25	153	153,20	25	0,49	41,83 €
PT881-25-30	25	153	153,20	30	0,49	41,83 €
PT881-25-35	25	153	153,20	35	0,49	41,83 €
PT881-25-40	25	153	153,20	40	0,49	41,83 €
PT881-25-45	25	153	153,20	45	0,49	41,83 €

Dimensions in mm

# Idler sprocket for plate chain



## PR820

## For chain ranges 820 and 815

- For use with CAP820 and CAP815 plate chains

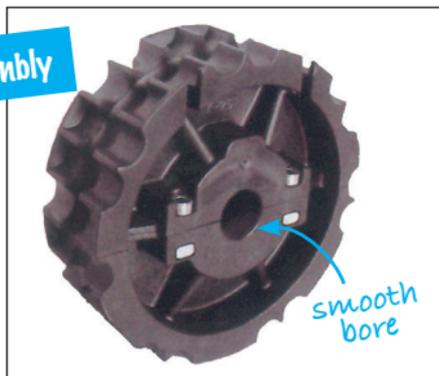
- Materials:

Reinforced polyamide  
Stainless steel screws

- Operating temp.: -10°C to +120°C

- For dimensions and bore tolerances, please refer to technical pages

**Easy assembly**



### Advantage

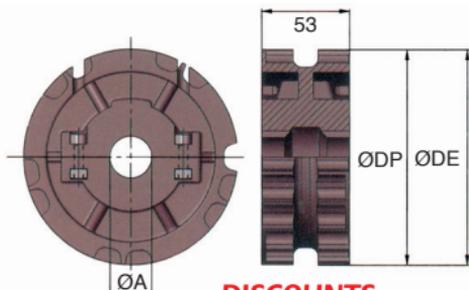
- Two part design facilitates easy assembly

### Accessory

- Plastic clamping ring BAP (tome 5 p.88-89)



Two part design



### DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PR820-21-25	21	129	129,26	25	0,4	39,35 €
PR820-21-30	21	129	129,26	30	0,4	39,35 €
PR820-21-35	21	129	129,26	35	0,4	39,35 €
PR820-21-40	21	129	129,26	40	0,4	39,35 €
PR820-21-45	21	129	129,26	45	0,4	39,35 €
PR820-23-25	23	141	141,22	25	0,5	41,55 €
PR820-23-30	23	141	141,22	30	0,5	41,55 €
PR820-23-35	23	141	141,22	35	0,5	41,55 €
PR820-23-40	23	141	141,22	40	0,5	41,55 €
PR820-23-45	23	141	141,22	45	0,5	41,55 €
PR820-25-25	25	153	153,20	25	0,5	41,96 €
PR820-25-30	25	153	153,20	30	0,5	41,96 €
PR820-25-35	25	153	153,20	35	0,5	41,96 €
PR820-25-40	25	153	153,20	40	0,5	41,96 €
PR820-25-45	25	153	153,20	45	0,5	41,96 €

Dimensions in mm



# Idler sprocket for plate chain

For chain range 880 TAB

PR880

- For use with CAP880T plate chains
- Materials:  
Reinforced polyamide  
Stainless steel screws
- Operating temp.: -10°C to +120°C
- For dimensions and bore tolerances,  
please refer to technical pages

## Advantage

- Two part design facilitates easy assembly

## Accessory

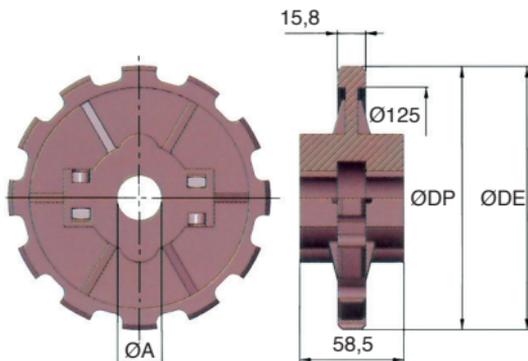
- Plastic clamping ring BAP (tome 5 p.88-89)



Easy assembly



Two part design



## DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

Part number	No. of teeth	$\varnothing DE$	$\varnothing DP$	Bore $\varnothing A$	Weight (kg)	Price each 1 to 4
PR880-12-25	12	147,2	147,21	25	0,39	37,45 €
PR880-12-30	12	147,2	147,21	30	0,39	37,45 €
PR880-12-35	12	147,2	147,21	35	0,39	35,05 €
PR880-12-40	12	147,2	147,21	40	0,39	35,05 €

Dimensions in mm

# Idler sprocket for plate chain



## PR881

## For chain range 881 TAB

- For use with CAP881T/SS plate chains

- Materials:

Reinforced polyamide

Stainless steel screws

- Operating temp.: -10°C to +120°C

- For dimensions and bore tolerances, please refer to technical pages

**Easy assembly**



### Advantage

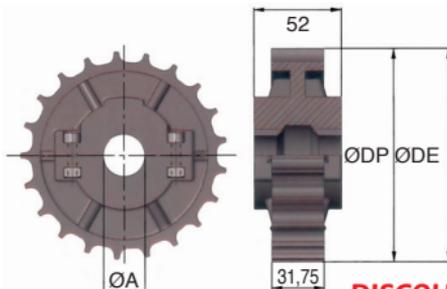
- Two part design facilitates easy assembly

### Accessory

- Plastic clamping ring BAP (tome 5 p.88-89)



Two part design



### DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-5%	On request

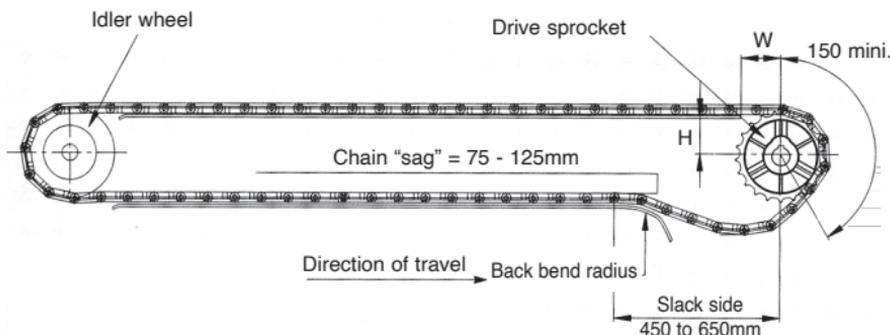
Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PR881-21-25	21	129	129,26	25	0,37	38,36 €
PR881-21-30	21	129	129,26	30	0,37	38,36 €
PR881-21-35	21	129	129,26	35	0,37	38,36 €
PR881-21-40	21	129	129,26	40	0,37	38,36 €
PR881-21-45	21	129	129,26	45	0,37	38,36 €
PR881-23-25	23	141	141,22	25	0,44	39,85 €
PR881-23-30	23	141	141,22	30	0,44	39,85 €
PR881-23-35	23	141	141,22	35	0,44	39,85 €
PR881-23-40	23	141	141,22	40	0,44	39,85 €
PR881-23-45	23	141	141,22	45	0,44	39,85 €
PR881-25-25	25	153	153,20	25	0,49	41,83 €
PR881-25-30	25	153	153,20	30	0,49	41,83 €
PR881-25-35	25	153	153,20	35	0,49	41,83 €
PR881-25-40	25	153	153,20	40	0,49	41,83 €
PR881-25-45	25	153	153,20	45	0,49	41,83 €

Dimensions in mm

# Drive and idler sprocket

## Common technical specification

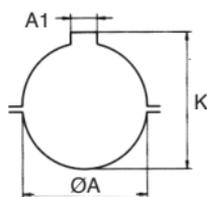
### Assembly dimensions



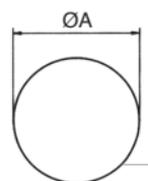
$$H = \left( \frac{DP}{2} + F \right)_0^{+1}$$

Chain part number	F	W
CAP815/SS	3,90	38
CAP820	3,90	38
CAP880T	4,00	38
CAP881T/SS	3,90	38

### Bore and keyway tolerances



Bore and keyway



Smooth bore

ØA	A1	K
25 <sup>-0,022</sup> <sub>-0,074</sub>	8 <sup>+0,036</sup> <sub>-0</sub>	28,3 <sup>+0,02</sup> <sub>-0</sub>
30 <sup>-0,022</sup> <sub>-0,074</sub>	8 <sup>+0,036</sup> <sub>-0</sub>	33,3 <sup>+0,02</sup> <sub>-0</sub>
35 <sup>-0,026</sup> <sub>-0,088</sub>	10 <sup>+0,036</sup> <sub>-0</sub>	38,3 <sup>+0,02</sup> <sub>-0</sub>
40 <sup>-0,026</sup> <sub>-0,088</sub>	12 <sup>+0,043</sup> <sub>-0</sub>	43,3 <sup>+0,02</sup> <sub>-0</sub>
45 <sup>-0,026</sup> <sub>-0,088</sub>	14 <sup>+0,043</sup> <sub>-0</sub>	48,8 <sup>+0,02</sup> <sub>-0</sub>
50 <sup>-0,026</sup> <sub>-0,088</sub>	14 <sup>+0,043</sup> <sub>-0</sub>	53,8 <sup>+0,02</sup> <sub>-0</sub>

ØA
25 <sup>+0,2</sup> <sub>+0,4</sub>
30 <sup>+0,2</sup> <sub>+0,4</sub>
35 <sup>+0,2</sup> <sub>+0,4</sub>
40 <sup>+0,2</sup> <sub>+0,4</sub>
45 <sup>+0,2</sup> <sub>+0,4</sub>
50 <sup>+0,2</sup> <sub>+0,4</sub>