



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

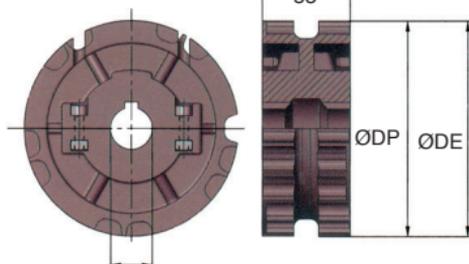
- Clamping ring BAP (tome 5 p.88-89)



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

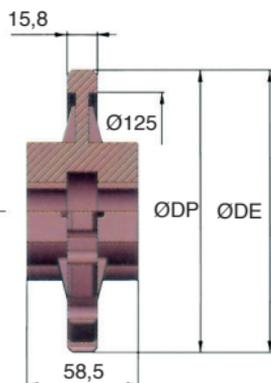
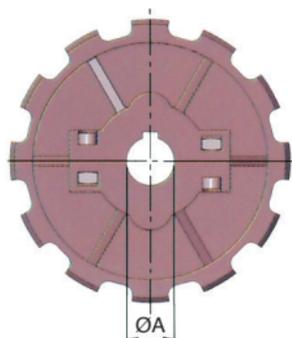
- Clamping ring BAP (tome 5 p.88-89)



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

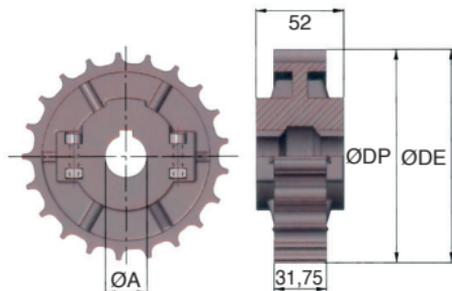
- Two part design facilitates easy assembly

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

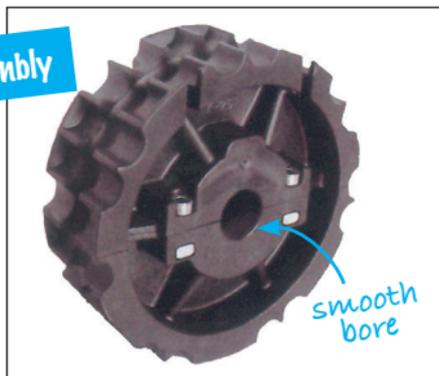
- Materials:

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

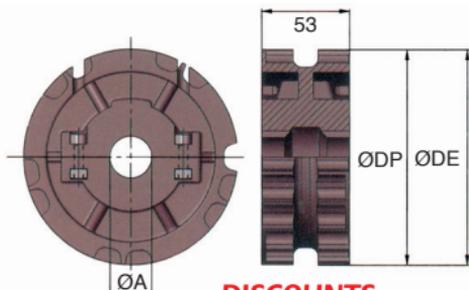
- Two part design facilitates easy assembly

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

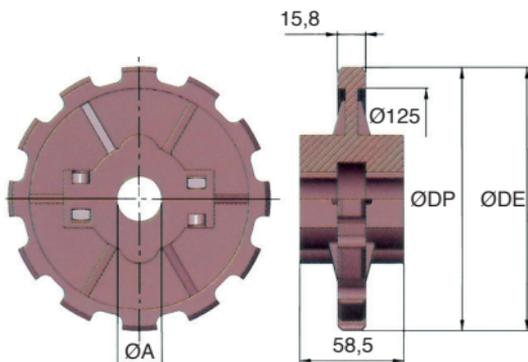
- Plastic clamping ring BAP (tome 5 p.88-89)



Easy assembly



Two part design



DISCOUNTS

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

Part number	No. of teeth	ØDE	ØDP	Bore ØA	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

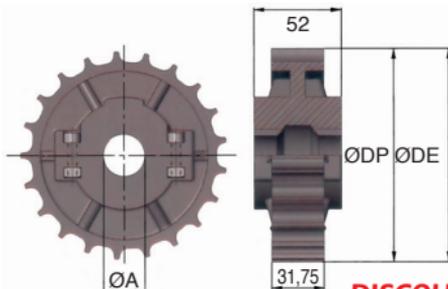
- Two part design facilitates easy assembly

Accessory

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



Two part design



DISCOUNTS

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

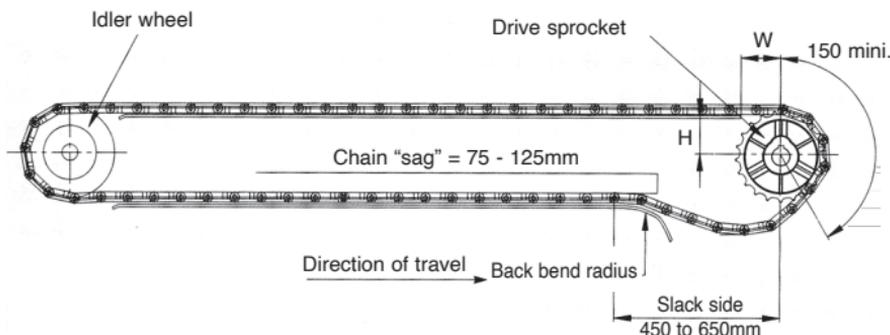
Part number	No. of teeth	ØDE	ØDP	Bore ØA	Weight (kg)	Price each 1 to 4
PR881-21-25	21	129	129,26	25	0,37	38,36 €
PR881-21-30	21	129	129,26	30	0,37	38,36 €
PR881-21-35	21	129	129,26	35	0,37	38,36 €
PR881-21-40	21	129	129,26	40	0,37	38,36 €
PR881-21-45	21	129	129,26	45	0,37	38,36 €
PR881-23-25	23	141	141,22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

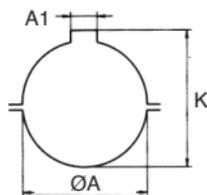
Assembly dimensions



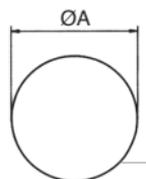
$$H = \left(\frac{DP}{2} + F \right)_0^{+1}$$

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 ^{-0,022} _{-0,074}	8 ^{+0,036} ₋₀	28,3 ^{+0,02} ₋₀
30 ^{-0,022} _{-0,074}	8 ^{+0,036} ₋₀	33,3 ^{+0,02} ₋₀
35 ^{-0,026} _{-0,088}	10 ^{+0,036} ₋₀	38,3 ^{+0,02} ₋₀
40 ^{-0,026} _{-0,088}	12 ^{+0,043} ₋₀	43,3 ^{+0,02} ₋₀
45 ^{-0,026} _{-0,088}	14 ^{+0,043} ₋₀	48,8 ^{+0,02} ₋₀
50 ^{-0,026} _{-0,088}	14 ^{+0,043} ₋₀	53,8 ^{+0,02} ₋₀

ØA
25 ^{+0,2} _{+0,4}
30 ^{+0,2} _{+0,4}
35 ^{+0,2} _{+0,4}
40 ^{+0,2} _{+0,4}
45 ^{+0,2} _{+0,4}
50 ^{+0,2} _{+0,4}