

CURVED MODULAR CHAINS

The background of the page is a close-up photograph of a curved modular chain. The chain is composed of white plastic links connected by small metal pins. The links have a complex, interlocking shape that allows the chain to curve. The lighting is bright, highlighting the smooth texture of the plastic and the metallic sheen of the pins. The chain is shown in a curved configuration, emphasizing its flexibility.

Curved modular chains

Standard material: POM LF

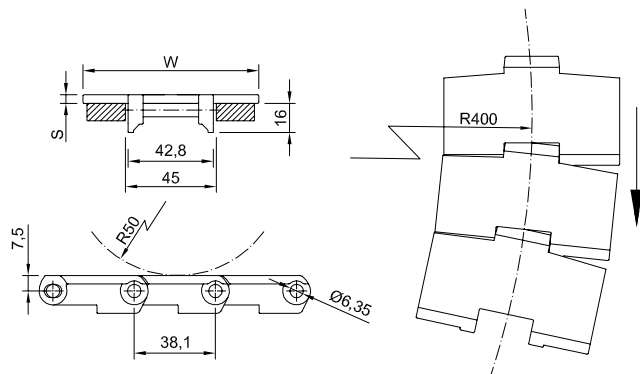
Delrin Kevlar® material available on request

Pin Material: Stainless Steel AISI 304

Standard delivery length: 80 steps = 3048 mm



Code	Width		Radius of curvature [mm]	Table thickness [mm]	Admissible load [N]	Weight [kg/m]
	[mm]	[inch]				
NCMD880K325-LF	82,5	3,25	400	4,0	2000	0,9
NCMD880K400-LF	101,6	4,00	400	4,0	2000	1,0
NCMD880K450-LF	114,3	4,50	400	4,0	2000	1,1
NCMD879K600-LF	152,4	6,00	400	4,8	2200	1,3
NCMD879K750-LF	190,5	7,50	400	4,8	2200	1,5



Part number

NCMD 880 K325 -LF

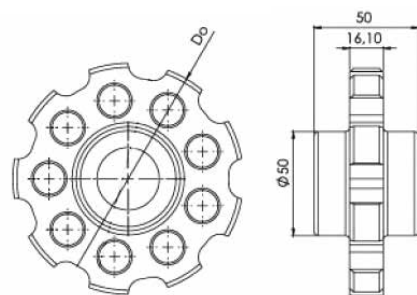
Type

Pitch

Width in inches x 100

Low friction

Sprockets for NCMD880 and NCMD879 chains



Part number

NSMD880 - R 20 Z11

Type

Bore type: R = round / Q = square

Bore dimension (mm)

Teeth nr.

Teeth nr.	Dp [mm]	Do [mm]	S [mm]	Ø round + set-screw UNI
9	111,4	110	59,3	20-25-30
11	135,2	135	71,2	20-25-30

Standard material: nylon PA6 fiberglass.

It is possible to supply sprocket with any number of teeth or any material by CNC machining

Dp = Pitch diameter

Do = External tooth diameter

NCMD880TAB - NCMD879TAB

Standard material: POM LF

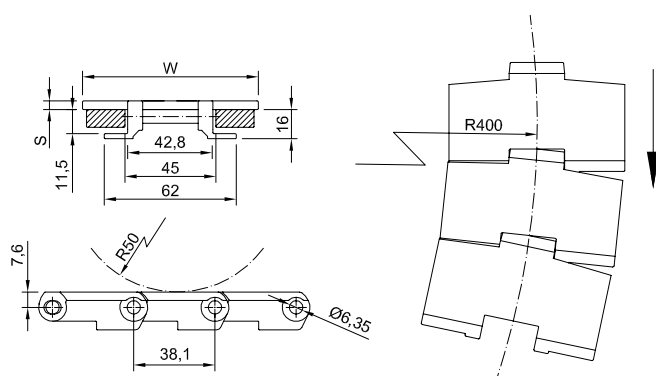
Delrin Kevlar® material available on request

Pin Material: Stainless Steel AISI 304

Standard delivery length: 80 steps = 3048 mm



Code	Width		Radius of curvature [mm]	Table thickness [mm]	Admissible load [N]	Weight [kg/m]
	[mm]	[inch]				
NCMD880K325-TAB	82,5	3,25	400	4,0	2000	0,95
NCMD880K400-TAB	101,6	4,00	400	4,0	2000	1,05
NCMD880K450-TAB	114,3	4,50	400	4,0	2000	1,15
NCMD879K600-TAB	152,4	6,00	400	4,8	2200	1,35
NCMD879K750-TAB	190,5	7,50	400	4,8	2200	1,55



Part number

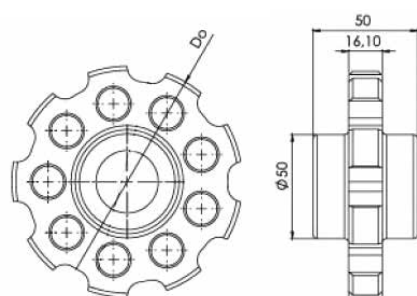
NCMD880 K325 -TAB

Dimension

Width in inches x 100

TAB execution

Sprockets for NCMD880TAB and NCMD879TAB chains



Part number

NSMD880 - R 20 Z11

Type

Bore type: R = round / Q = square

Bore dimension (mm)

Teeth nr.

Teeth nr.	Dp [mm]	Do [mm]	Available standard bore	
			Square [mm]	Ø round + set-screw UNI
9	111,4	110	40x40	20-25-30
11	135,2	135	40x40	20-25-30

Standard material: nylon PA6 fiberglass.

It is possible to supply sprocket with any number of teeth or any material by CNC machining

Dp = Pitch diameter

Do = External tooth diameter

Standard material: POM LF

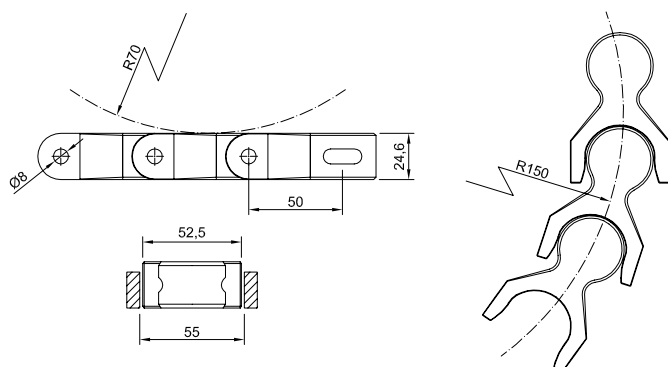
Delrin Kevlar® material available on request

Pin Material: Stainless Steel AISI 304

Standard sprockets: 8, 10 teeth

Width: 55 mm

Code	Pitch [mm]	Width		Radius of curvature [mm]	Admissible load [N]	Weight [kg/m]
		[mm]	[inch]			
NCMD1701-R	50	52,5	2,05	150	2550	1,58



Part number

NCMD 1701-R

Type

Pitch

Sprockets for NCMD1701 chain



Part number

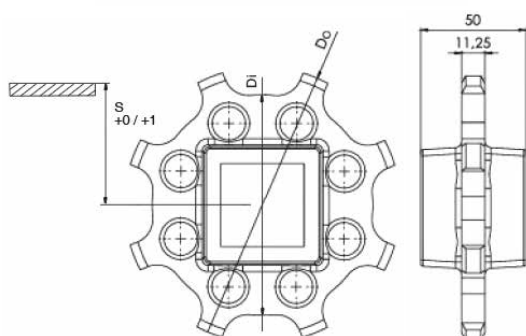
NSMD1701 - R 20 Z10

Type

Bore type: R = round / Q = square

Bore dimension (mm)

Teeth nr.



Teeth nr.	Di [mm]	Do [mm]	S [mm]	Available standard bore	
				Square [mm]	Ø round + set-screw UNI
8	106,8	136	53	40x40	25-30
10	136,8	165	69	40x40	25-30

Standard material: nylon PA6 fiberglass.

It is possible to supply sprocket with any number of teeth or any material by CNC machining

Dp = Pitch diameter

Do = External tooth diameter

NCMD1701TAB-R

Standard material: POM LF

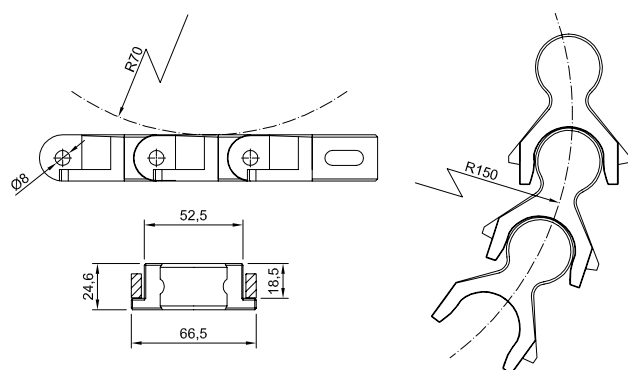
Delrin Kevlar® material available on request

Pin Material: Stainless Steel AISI 304

Standard sprockets: 8, 10 teeth

Width with TAB: 66,5 mm

Code	Pitch [mm]	Width		Radius of curvature [mm]	Admissible load [N]	Weight [kg/m]
		[mm]	[inch]			
NCMD1701TAB-R	50	52,5	2,05	150	2550	1,65



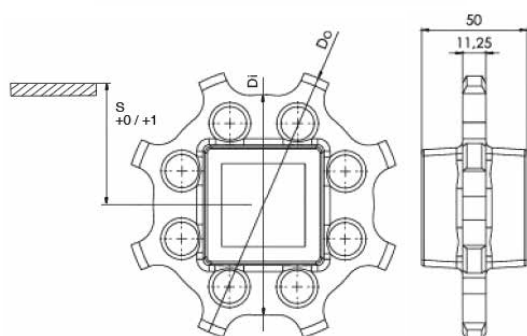
Part number

NCMD 1701-TAB-R

Type

Dimension - TAB execution

Sprockets for NCMD1701 chain



Part number

NSMD1701 - R 20 Z10

Type

Bore type: R = round / Q = square

Bore dimension (mm)

Teeth nr.

Teeth nr.	Di [mm]	Do [mm]	S [mm]	Available standard bore	
				Square [mm]	Ø round + set-screw UNI
8	106,8	136	53	40x40	25-30
10	136,8	165	69	40x40	25-30

Standard material: nylon PA6 fiberglass.

It is possible to supply sprocket with any number of teeth or any material by CNC machining

Dp = Pitch diameter

Do = External tooth diameter

Standard material: POM LF

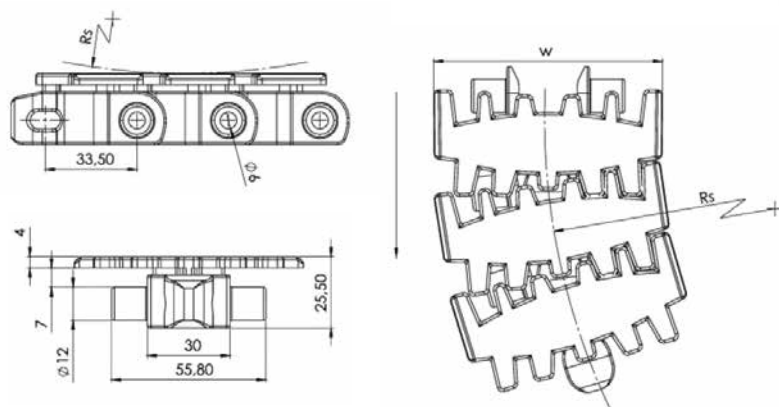
Delrin Kevlar® material available on request

Pitch: 33,5 mm

Pin Material: Stainless Steel AISI 304

Standard sprockets: 12 teeth

Code	Width		Radius of curvature [mm]	Table thickness [mm]	Admissible load [N]	Weight [kg/m]
	[mm]	[inch]				
NCFLEXI-LF	82,5	3,25	140	4	1100	1,25
	114,3	4,50	160	4	1100	1,55



Part number

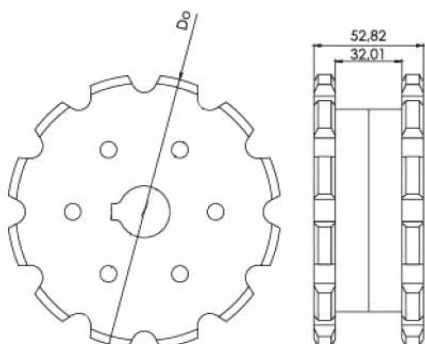
NCFLEXI -K325 -LF

Type

Width in inches x 100

Materiale: POM LF

Sprockets for FLEXI chain



Part number

NSFLEXI - R 20 Z12

Type

Bore type: R = round / Q = square

Bore dimension (mm)

Teeth nr.

Teeth nr.	Dp [mm]	Do [mm]	Available standard bore	
			Square [mm]	Ø round + set-screw UNI
12	131	133	40x40	25-30

Standard material: nylon PA6 fiberglass.

It is possible to supply sprocket with any number of teeth or any material by CNC machining

Dp = Pitch diameter

Do = External tooth diameter