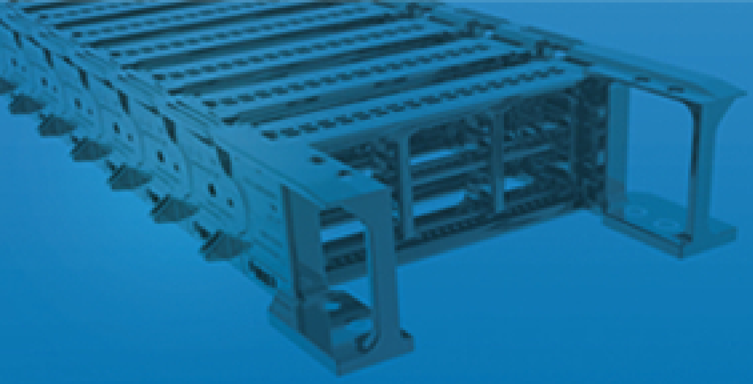


Sabin chain®

NEW SABIN CHAIN-SLIDING TYPE

nsb 장거리형 슬라이딩 타입

저분진, 저소음!
Low Dust, Low Noise!

안정적인 고속 구동!
Reliable High-Speed Driving!

불필요한 마찰부 최소화!
Minimize Friction!

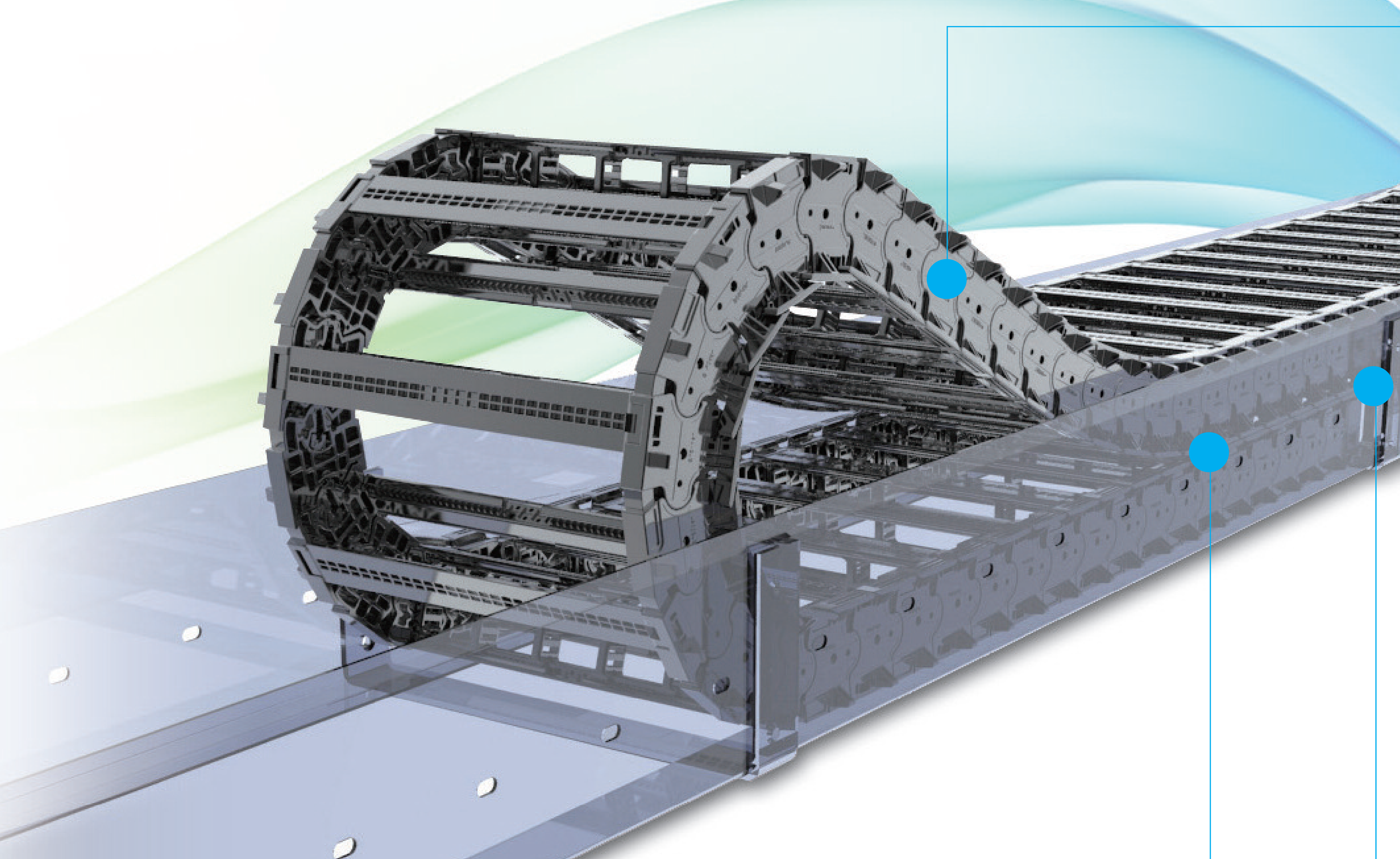
CPS

Details of **nsb Sliding Type** / nsb S-Type의 세부설명

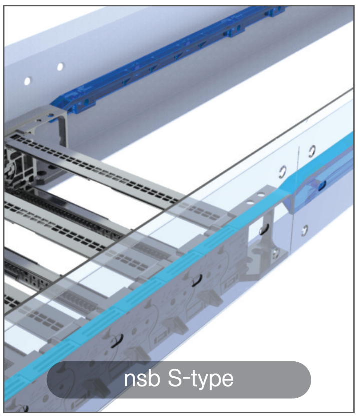
A New sabin chain is totally new sliding type which has low dust with noiseless movement.
New Sabin Chain의 새로운 **슬라이딩 타입 체인**은 어떠한 체인보다 **조용하고, 분진이 적으며, 고속 구동 시 안정적**입니다.

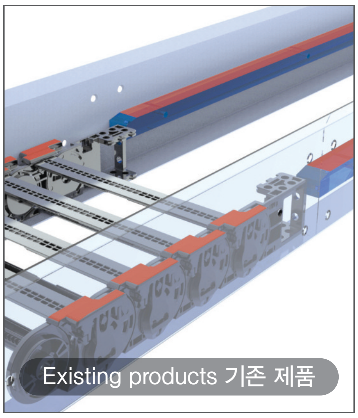
B This sliding type has united skid with its side band unlike Shift chains, which come to save the time for assembling.
This type is designed for gantry loader application which has fast movement with lower friction.
Side Band와 Skid를 일체형으로 구성하여 조립시간의 단축과 조립이 용이하며, 특히 저마찰 설계로 고속 구동이 많은 **겐트리로더에 적합**합니다.

C The same material with easy shape without any gap between nylon bar to bar, bump on sides of skid will reduce noise as well as dust.
체인과 동일한 재질의 나일론 바는 **암/수 체결 홈과 옆면에 돌기 형상을 추가**함으로써 **Guide Channel과 나일론 바의 상/하 단차가 줄어들고, 체인 구동 시 소음과 분진 발생을 최소화**합니다.

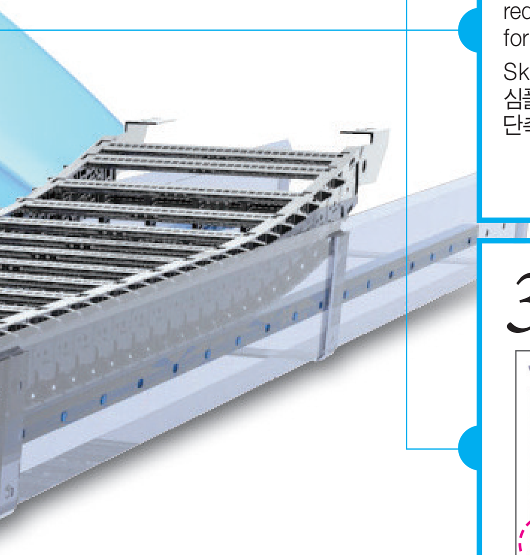


6
The height of Side Band and End Bracket makes equal which will make straight path through Nylon Bar. This will reduce the sound as well dust.
Side Band와 End Bracket의 높이가 일치해 나일론 바와의 단차가 없어짐으로 체인이 Skid 및 나일론 바 사이를 이동 시 소음 발생 최소화.





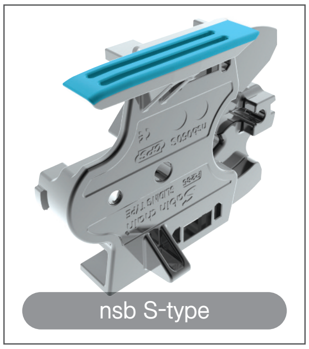
Characteristic and Merit
특징 및 장점



1

To minimize dust, unnecessary friction surface has been reduced.

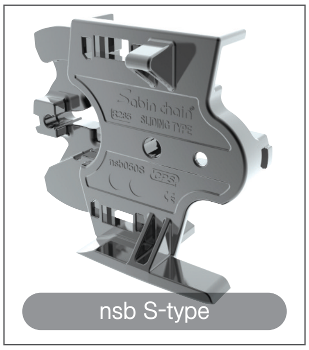
Skid의 불필요한 마찰면을 최소화하여 (특히, Skid 표면 홈 추가) 분진 발생을 최소화 시킴.



2

Due to integral structure, assembling time can be reduced and it is very suitable for high speed driving.

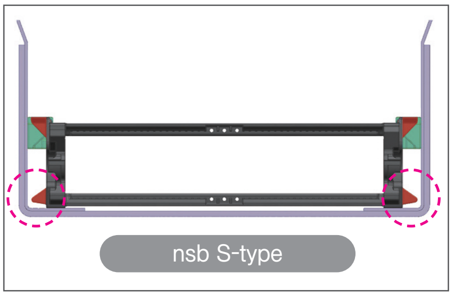
Skid와 Side Band 일체형인 심플한 구조로서 체인 조립 시간이 단축되고, 고속구동에 매우 유리.



3

Supporting fixture has been added to keep the stable inside Guide channel.

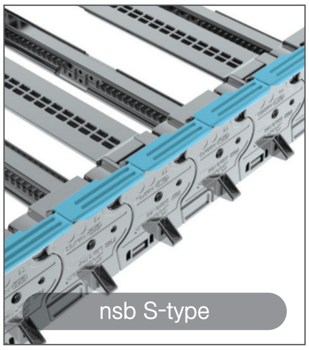
Guide Channel 안에 안정적으로 자리 잡도록 지지대 추가.



4

It works smoothly and is highly suitable for noise regulated work place due to reduced interval between skids.

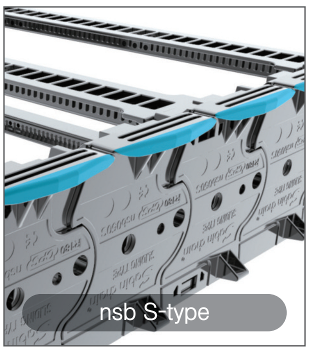
Skid와 Skid 사이 간격을 최소 설계하여 체인이 보다 부드럽게 구동하여 소음 규제가 철저한 사업장에 적합.

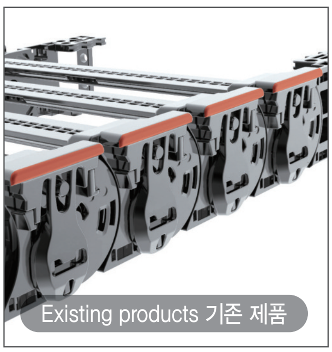


5

Making the groove on skid surface can minimize dust and interference with Guide Channel during the chain movement.

체인 구동시 Guide Channel과 간섭을 최소화하기 위해 마찰 부위를 곡면으로 설계하여 분진 발생을 억제.

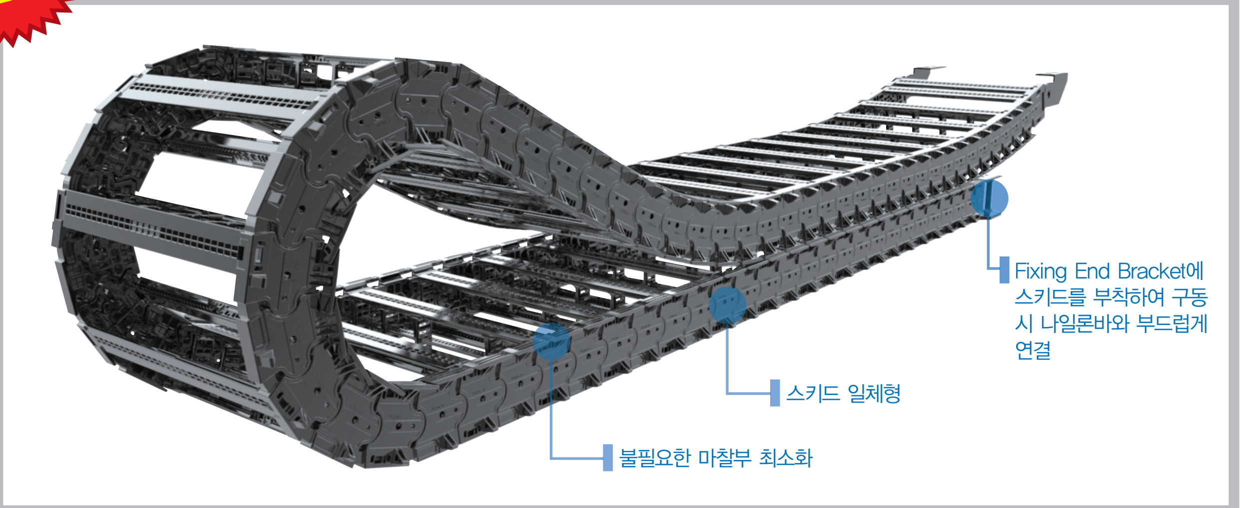




NEW

nsb 050S , 065S, 080S | Sliding Type

Low Noise | Low Dust | High Speed



APPLICATIONS

■ Chain material

: CPS-amide, UL94-HB

■ Temperature

: -30℃ ~ +130℃

■ Maximum Speed

: 10m / sec

■ Calculation of the chain length

$$\left[\ L = \frac{Ls}{2} + Lp\ \right]$$

■ Installation Length

: Ls = 50m ($\frac{Ls}{2}$ = 25m)

※ If you need it over 50m, please contact headquarters.
/ 50m 이상 필요 시, 본사에 문의

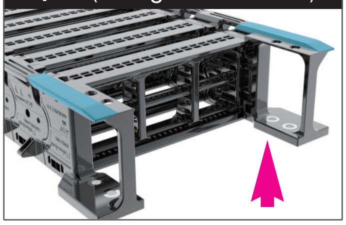
■ Applications

:Low noise, Low dust, facilities and equipments requiring a long travel distance as below ; Gantry Robots, Robot Carriages, Automatic Welding Lines, Gantry Cranes, Gantry loder etc.

겐트리로더, 로봇캐리지, 공작기계등 고속, 저소음, 저분진을 요구하는 사업장에서 장거리 이동 케이블의 보호가 필요할 때 적용.

BRACKET TYPE

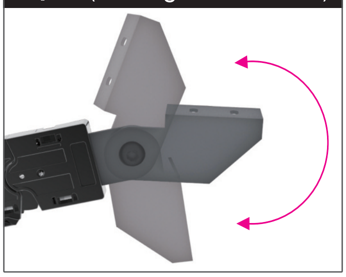
F.EB (Fixing End Bracket)



The height of Side Band and End Bracket makes equal which will make straight path through Nylon Bar. This will reduce the sound as well dust.

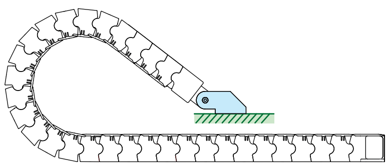
Side Band와 End Bracket의 높이가 일치해 나일론 바와의 단차가 없어지므로 체인이 Skid 및 나일론 바 사이를 이동할때 소음 발생을 최소화합니다.

M.EB (Moving End Bracket)

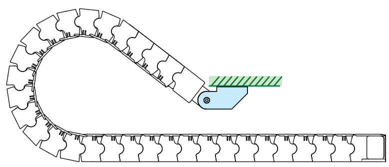


The moving bracket is designed to move up and down as the cable chain or application requires. Moving End Brackets substitute the steel plate being used by competitors to elevate the moving end for long stroke applications. And it is possible to be installed B1, B2 types of brackets.

장거리 이동용 nsb S-type에 적용되는 무빙 전용 브라켓은 곡률반경을 자유롭게 형성하여 브라켓 부위의 파손을 방지하고 설치 형태에 따라 B1, B2로 구분 설치 가능합니다.



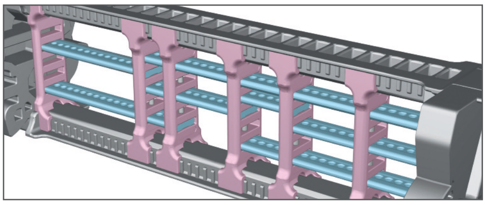
B1



B2

! Above products are patent registered item which can be protected by industrial property right. (상기제품은 특허등록 제품으로 산업재산권의 보호를 받는 제품입니다.)

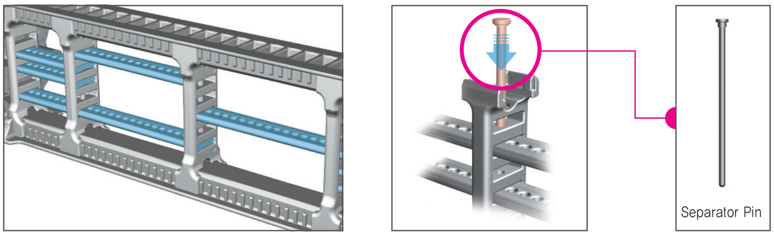
DIVIDERS(DV)



Dividers (Vertical) and Separators (Horizontal) divide the inner chamber of the cable chain to give each cable diameter its own center and keep the cables separated from each other. The use of a separator in some cases, can also reduce the width requirements as two or more levels can be made within the same chamber. To prevent twisting or damage to the cables, as a rule, there needs to be at least 10% space between the inserted cable and its enclosure.

디바이더(세로분리대)와 세퍼레이터(가로분리대)는 체인내에 많은 케이블들이 입선될 시 케이블들을 서로 분리하여 케이블 상호간의 마찰로 인한 피복손상 및 단선을 방지하는 역할을 하며 케이블과 10%이상의 여유공간을 확보해야합니다. 또한 케이블을 체인내 2단이상 입선시 반드시 세퍼레이터를 디바이더에 결합하여 사용해야 케이블의 꼬임방지와 피복손상을 방지할 수 있습니다.

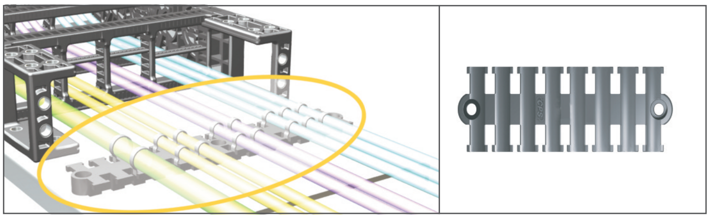
SEPARATORS(SP)

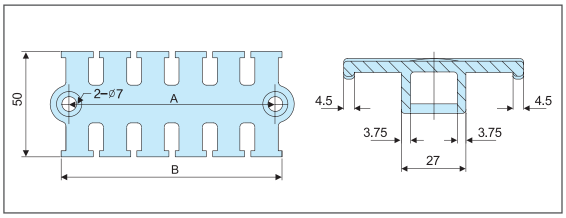


Separator is available in length from 20mm to 600mm and can be cut every 5mm for use. The combined use of divider and sepatator with the pin creates the most effective cable pattern and keep insertion space for cables safely, so it protects the inserted cables.

세퍼레이터의 사용길이는 최소20mm부터 최대600mm까지 사용가능하며 5mm간격으로 절단하여 원하는 길이로 사용가능합니다. 크기가 각각 다른 케이블을 크기에 맞게끔 공간분할이 용이하고 세퍼레이터 핀으로 결합하여 어떠한 경우에도 안전하게 케이블의 입선공간을 유지하여 안전하게 케이블을 보호할 수 있습니다.

TIE WRAP





The tie wrap separated from the nsb Chain bracket, when installed properly, protects the inserted cables from becoming entangled and twisted during operation.

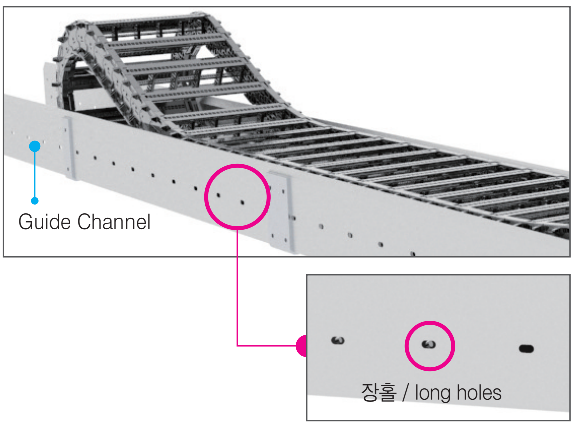
Tie wrap은 nsb Chain의 브라켓을 기준으로 바깥쪽으로 설치함으로써 체인의 움직임으로 인해 케이블의 유동을 방지하고자 고정하는 시스템으로 케이블의 피복손상 및 단선을 방지하는 역할을 합니다.

Tie Wrap	A	B
050	58	65
075	75	82
100	98	105
125	122	129
150	141	148

GUIDE CHANNEL

For long stroke applications the guide channel is applied to ensure that the nsb chain S-Type stays on track and to ensure safety during operation. With the application of a rubber pad on the channel floor, noise is reduced to a minimum. Guide channels are made of Steel+Zn and can be customized with SUS material.

Steel Guide Channel은 장거리 이동형 nsb S-Type 전용으로 Chain의 이탈을 방지하는 가이드 역할을 하며 Chain이동 시 소음을 줄이기 위해 Guide Channel 바닥면에 고무패드를 사용함으로써 소음을 일정 부분 억제시키는 역할을 합니다. Guide Channel의 재질은 스틸 + 아연도금으로 제작되며 SUS재질로 주문 제작 가능합니다.



! Thickness can be changed by the product standards of material.
(두께는 원재료의 생산 규격에 따라 달라질 수 있습니다.)

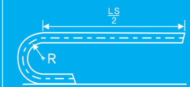
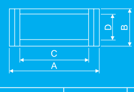
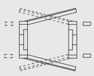
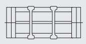
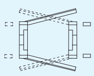
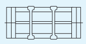
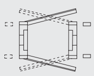
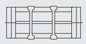
UL block and Anti-Electrostatic Discharge (자외선 차단 및 정전기 방지)

ESD EX UV RoHS

nsb chain is produced with high-quality engineering plastic material, which have strong durability and great abrasion resistance, so the chain has less breakage possibility by outside damage and performs stable cable protection in any difficult environment. As the chain is verified through the tests for electrostatic discharge (ESD) and explosion proof (ATEX-Dirctive 94/9/EC), it can be applied in stability to electric equipment and machinery. Also, the chain is UV-coated, and can protect cable in outside installation of the chain. Furthermore, the chain is produced with high-quality engineering plastic, which include none of the 6 harmful substances (restrictives in the Europe market); Lead(Pb), Cdmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr6+), PBB, PB DEs etc and which is recyclable and harmless both to user and enviornment.

nsb chain은 고품질 엔지니어링 플라스틱 소재를 적용하여 내구성이 강하고 내마모성이 뛰어나 외부 충격에도 체인의 파손위험이 적으며 어떠한 열악한 환경에서도 안정적으로 입선된 케이블을 보호할 수 있도록 개발된 케이블 체인 입니다.
특히 정전기 방지(ESD)와 방폭(ATEX-Directive 94/9/EC)테스트를 통해 폭발 위험성이 있는 전기 설비 및 기계 장비에 안정적으로 적용가능하며 자외선 차단(UV)처리가 되어 옥외설치 시 안전하게 케이블을 보호할 수 있도록 하였습니다. 또한 nsb chain은 유럽 시장에서 규제하는 6대 유해 물질[납(Pb), 카드늄(Cd), 수은(Hg), 6가크롬(Cr+6), PBB, PBDEs]을 포함하지 않아 인체에 무해하고 재활용이 가능한 고품질 엔지니어링 플라스틱의 사용으로 케이블을 최적의 상태에서 안전하게 보호할 수 있습니다.

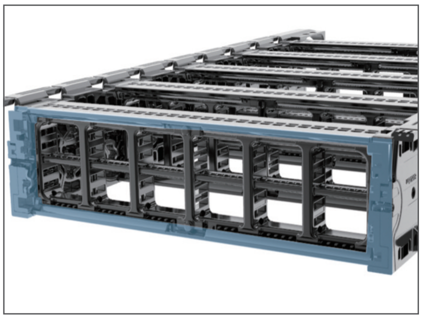
KINDS AND DIMENSIONS (제품종류와 치수안내)

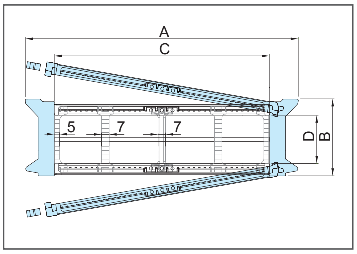
New Sabin Chain S Type	Pitch	Bending Radius R 	Weight kg / m	Speed m / sec	Temperature ℃	Clearance  A	B	C	D	Frame style	Divider possible with frame
nsb 050S.050	50	110, 135, 165, 185, 235, 285	2.38	10	-30 ~ +130	104	71.5	50	45		
nsb 050S.075			2.44			129		75			
nsb 050S.100			2.51			154		100			
nsb 050S.125			2.61			179		125			
nsb 050S.150			2.71			204		150			
nsb 050S.175			2.80			229		175			
nsb 050S.200			3.09			254		200			
nsb 050S.250			3.38			304		250			
nsb 050S.300			3.63			354		300			
nsb 065S.075	65	140, 190, 220, 270, 390	3.29	10	-30 ~ +130	137	89	75	56		
nsb 065S.100			3.34			162		100			
nsb 065S.125			3.49			187		125			
nsb 065S.150			3.58			212		150			
nsb 065S.175			3.68			237		175			
nsb 065S.200			3.82			262		200			
nsb 065S.250			4.03			312		250			
nsb 065S.300			4.24			362		300			
nsb 065S.350			4.53			412		350			
nsb 065S.400			4.85			462		400			
nsb 080S.075	80	180, 200, 250, 300, 350, 400, 500	4.27	10	-30 ~ +130	143	115	75	78		
nsb 080S.100			4.36			168		100			
nsb 080S.125			4.47			193		125			
nsb 080S.150			4.54			218		150			
nsb 080S.175			4.67			243		175			
nsb 080S.200			4.85			268		200			
nsb 080S.250			5.07			318		250			
nsb 080S.300			5.40			368		300			
nsb 080S.350			5.71			418		350			
nsb 080S.400			6.09			468		400			
nsb 080S.450			6.28			518		450			
nsb 080S.500			6.45			568		500			
nsb 080S.550			7.08			618		550			
nsb 080S.600			7.20			668		600			

(Dimensions in mm)

nsb 050S | Sliding Type

CHAIN CROSS SECTION

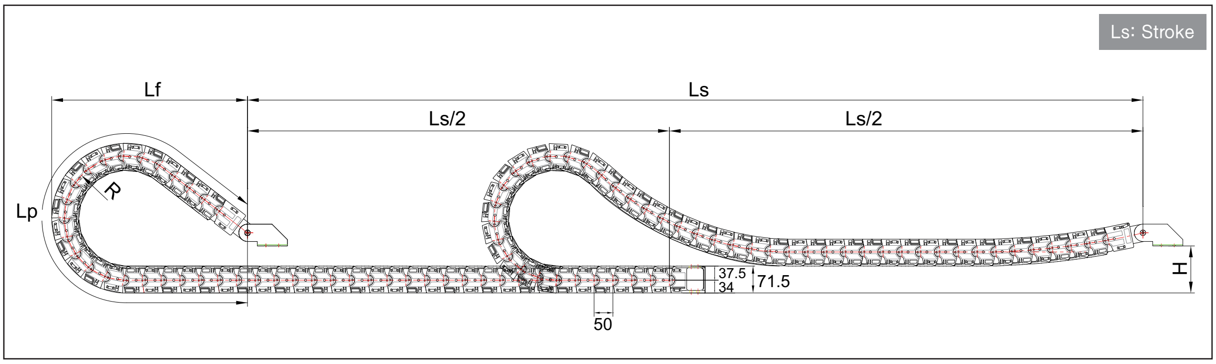




Chain Type	A Width(Outer)	B High(Outer)	C Frame	D High(Inner)	Weight in kg/m
nsb 050S	104	71.5	50	45	2.38
	129		75		2.44
	154		100		2.51
	179		125		2.61
	194		140		2.67
	204		150		2.71
	219		165		2.76
	229		175		2.80
	244		190		2.97
	254		200		3.09
	294		240		3.32
	304		250		3.38
	354		300		3.63

(Dimensions in mm)

LAYOUT OF THE CHAIN



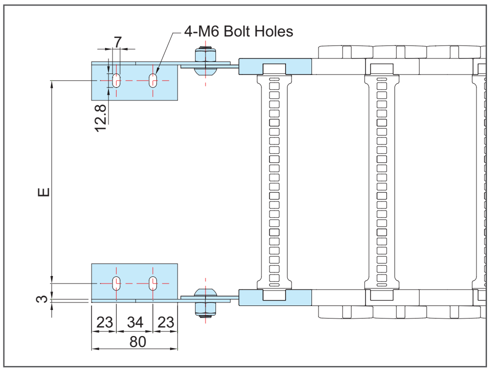
Bending radius R	Lp (Loop Length)	Lf (Loop Projection)	H (Moving Hight)
110	916	380	180
135	1,068	430	
165	1,255	490	
185	1,382	530	
235	1,703	630	
285	2,029	730	

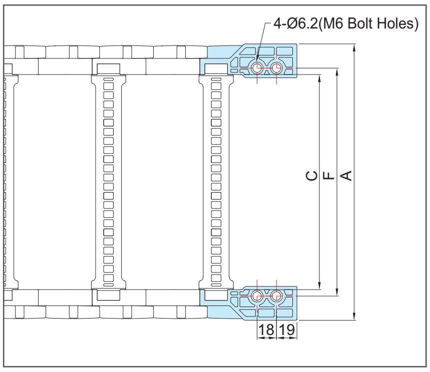
(Dimensions in mm)

END BRACKET

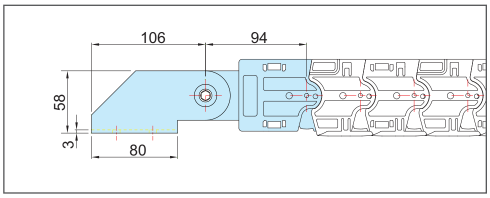
Moving point

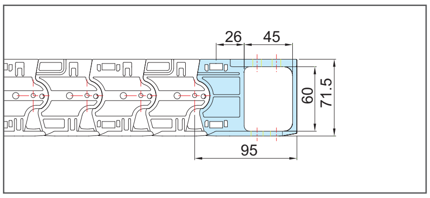
Fixing point

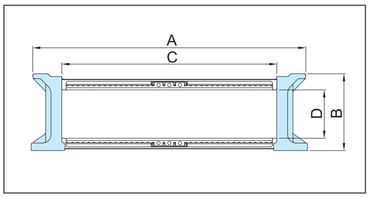




Front point



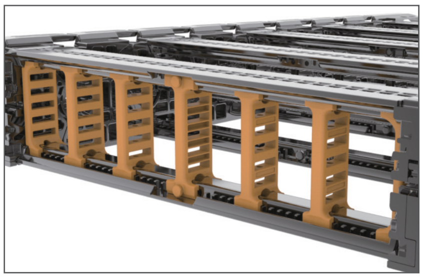




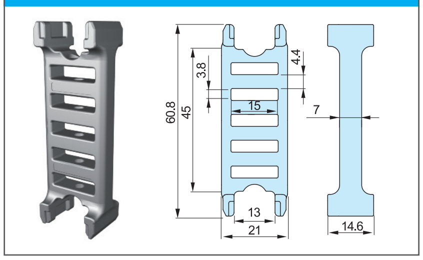
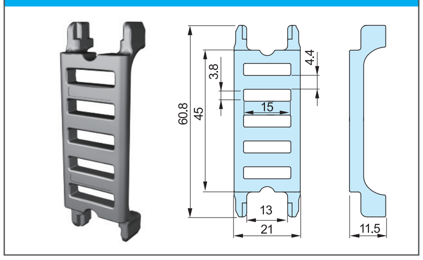
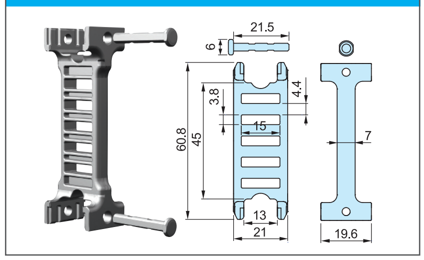
Chain Type	A Width(Outer)	B High(Outer)	C Frame	D High(Inner)	E M.EB bolt hole width	F F.EB bolt hole width
	104		50		38.7	62
	129		75		63.7	87
	154		100		88.7	112
	179		125		113.7	137
	194		140		128.7	152
	204		150		138.7	162
nsb 050S	219	71.5	165	45	153.7	177
	229		175		163.7	187
	244		190		178.7	202
	254		200		188.7	212
	294		240		228.7	252
	304		250		238.7	262
	354		300		288.7	312

(Dimensions in mm)

DIVIDERS(DV)

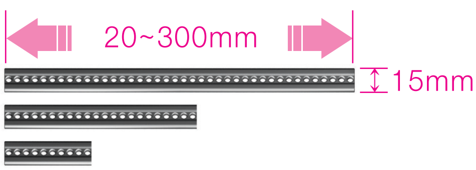


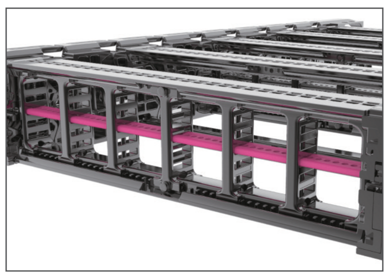
Assemble divider every Four links. / 4링크마다 결합
DV/T : Frame 200mm~300mm적용(상하 프레임을 연결)

DV - M	DV - S	DV - T
		

(Dimensions in mm)

SEPARATORS(SP)





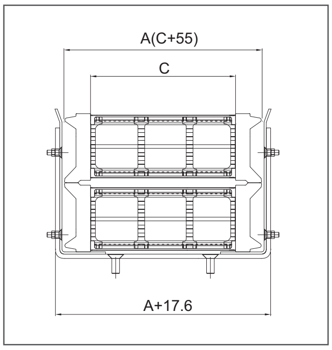
ORDERING (주문방법)

nsb 050S. 175. R185 / B1 - 10000L : 10ST

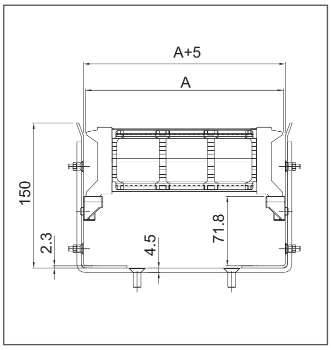
10ST	주문수량	Q'ty(set)
10000L	체인길이	Length(mm)
B1	브라켓	End Bracket (B1,B2)
R185	곡률반경	Bending Radius
175	내폭	Inside Width
050S	장거리타입	Sliding Type
nsb		New Sabin Chain

GUIDE CHANNEL

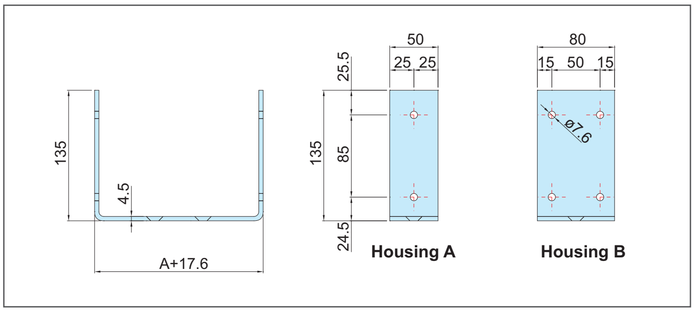
A-zone



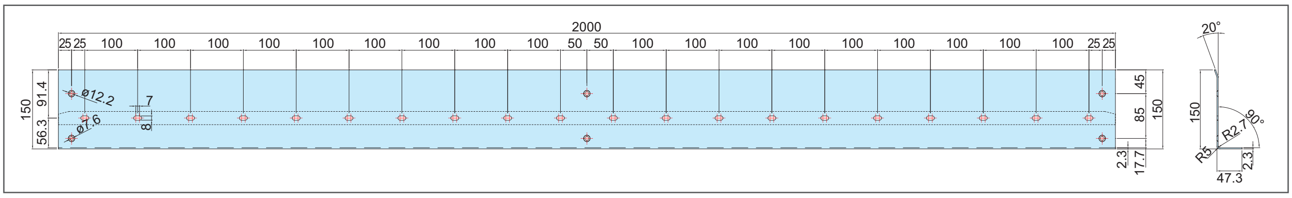
C-zone



Housing (U-shape)



Side Panel



(Dimensions in mm)

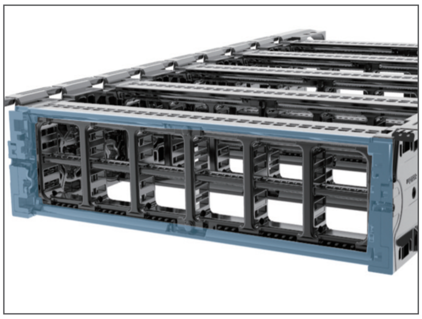
GUIDE CHANNEL ORDERING (가이드잔넬 주문방법)

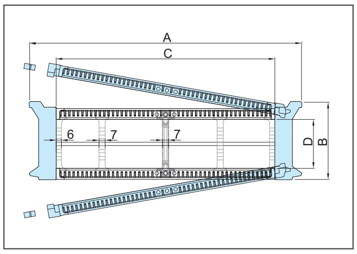
nsb-GCS 050S. 100 / A,B,C : 200M

- 200M — 길이 Length(mm)
- A,B,C — 사이드판넬 Panel A, B, C-Zone
- 100 — 내폭 Inside Width
- 050S — 체인종류 Chain Type
- GCS — Steel Guide Channel
- nsb — New Sabin Chain

nsb 065S | Sliding Type

CHAIN CROSS SECTION

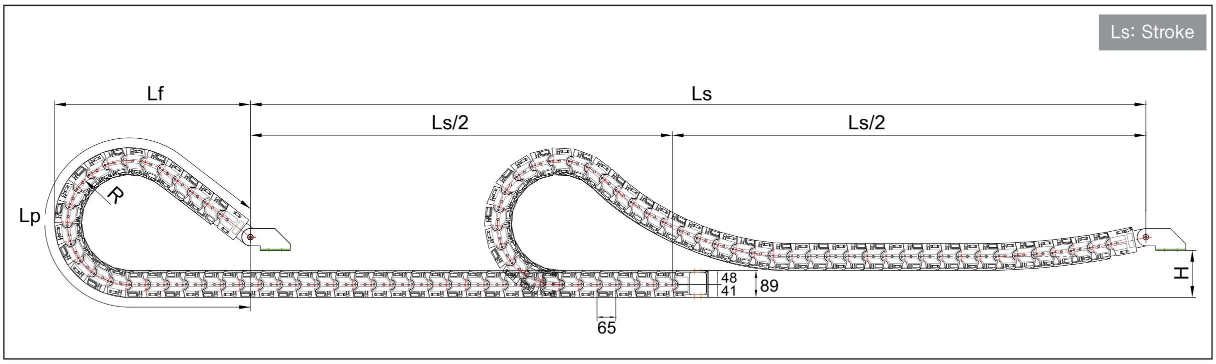




Chain Type	A Width(Outer)	B High(Outer)	C Frame	D High(Inner)	Weight in kg/m
nsb 065S	137	89	75	56	3.29
	162		100		3.34
	187		125		3.49
	212		150		3.58
	237		175		3.68
	252		190		3.76
	262		200		3.82
	302		240		3.99
	312		250		4.03
	362		300		4.24
	412		350		4.53
	462		400		4.85

(Dimensions in mm)

LAYOUT OF THE CHAIN

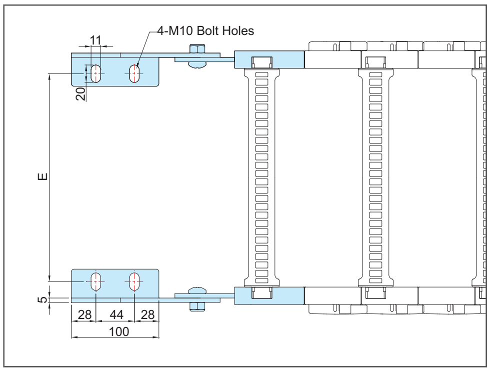


Bending radius R	Lp (Loop Length)	Lf (Loop Projection)	H (Moving Hight)
140	1,225	615	210
190	1,543	715	
220	1,734	775	
270	2,052	875	
390	2,814	1,115	

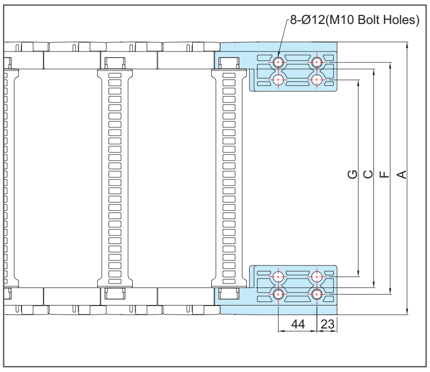
(Dimensions in mm)

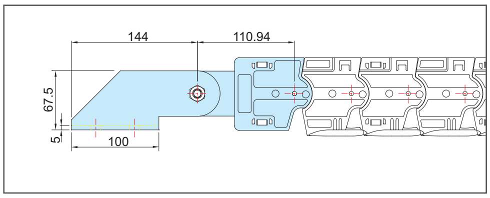
END BRACKET

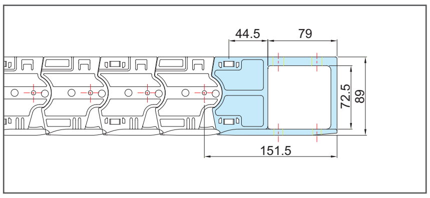
Moving point



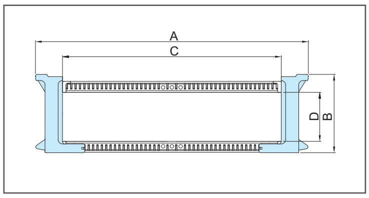
Fixing point





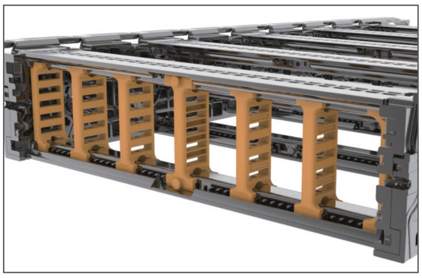


Front point



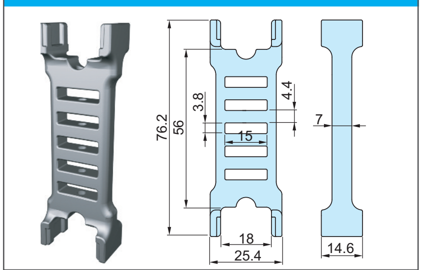
Chain Type	A Width(Outer)	B High(Outer)	C Frame	D High(Inner)	E M,EB bolt hole width	F F,EB bolt hole width	G F,EB bolt hole width
nsb 065S	137	89	75	56	62.6	90	50
	162		100		87.6	115	75
	187		125		112.6	140	100
	212		150		137.6	165	125
	237		175		162.6	190	150
	252		190		177.6	205	165
	262		200		187.6	215	175
	302		240		227.6	255	215
	312		250		237.6	265	225
	362		300		287.6	315	275
	412		350		337.6	365	325
	462		400		387.6	415	375

DIVIDERS(DV)

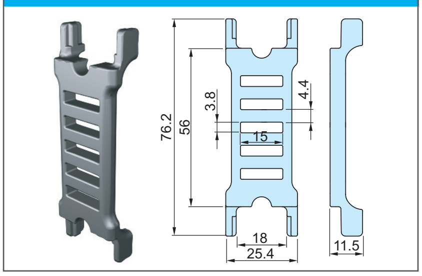


Assemble divider every Four links. / 4링크마다 결합
DV/T : Frame 250~400mm적용(상하 프레임을 연결)

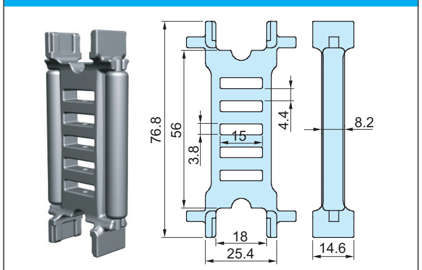
DV - M



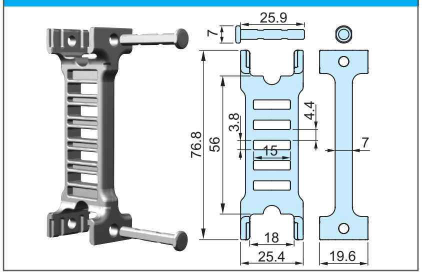
DV - S



DV - R

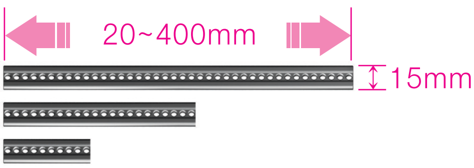


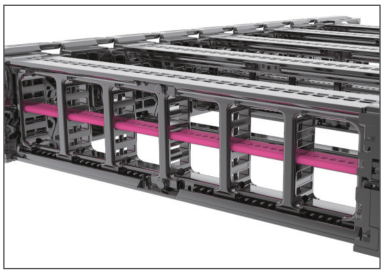
DV - T



(Dimensions in mm)

SEPARATORS(SP)





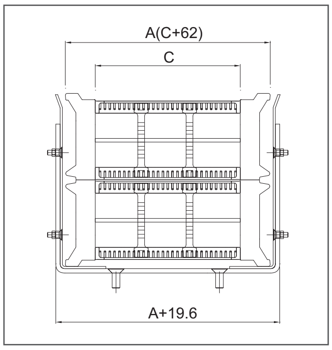
ORDERING (주문방법)

nsb 065S. 175. R190 / B1 - 10000L : 10ST

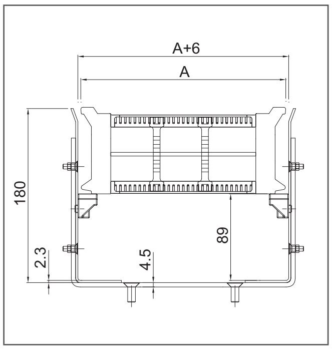
주문수량	Q'ty(set)
체인길이	Length(mm)
브라켓	End Bracket (B1,B2)
곡률반경	Bending Radius
내폭	Inside Width
장거리타입	Sliding Type
New Sabin Chain	

GUIDE CHANNEL

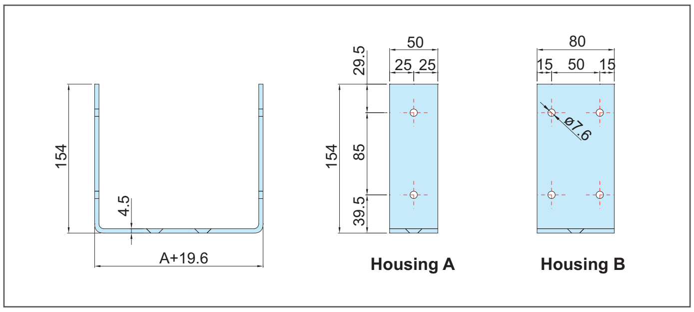
A-zone



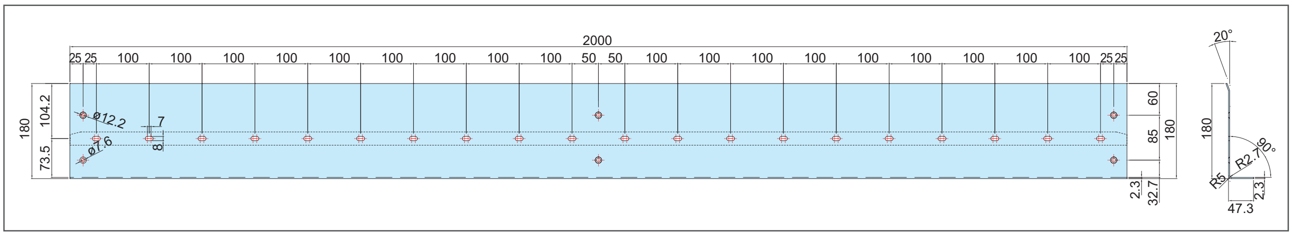
C-zone



Housing (U-shape)



Side Panel



(Dimensions in mm)

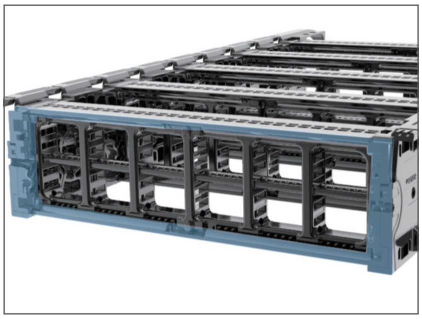
GUIDE CHANNEL ORDERING (가이드잔넬 주문방법)

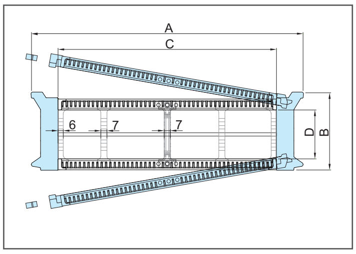
nsb-GCS 065S. 100 / A,B,C : 200M

- 200M — 길이 Length(mm)
- A,B,C — 사이드판넬 Panel A, B, C-Zone
- 100 — 내폭 Inside Width
- 065S. — 체인종류 Chain Type
- GCS — Steel Guide Channel
- nsb — New Sabin Chain

nsb 080S | Sliding Type

CHAIN CROSS SECTION

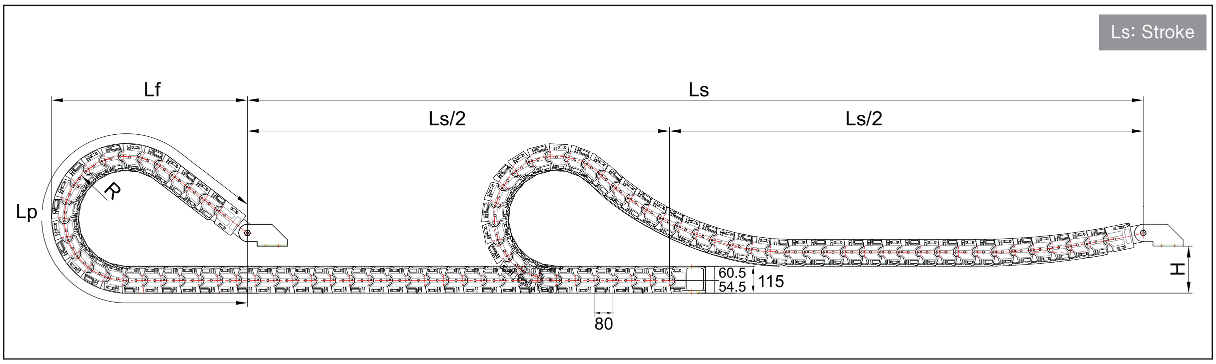




Chain Type	A Width(Outer)	B High(Outer)	C Frame	D High(Inner)	Weight in kg/m
nsb 080S	143	115	75	78	4.27
	168		100		4.36
	183		115		4.43
	193		125		4.47
	218		150		4.57
	243		175		4.67
	268		200		4.85
	308		240		5.03
	318		250		5.07
	358		290		5.33
	368		300		5.40
	418		350		5.71
	468		400		6.09
	518		450		6.28
	568		500		6.45
	618		550		7.08
	668		600		7.20

(Dimensions in mm)

LAYOUT OF THE CHAIN

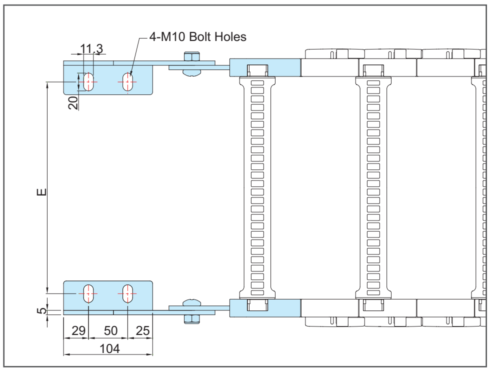


Bending radius R	Lp (Loop Length)	Lf (Loop Projection)	H (Moving Hight)
180	1,490	690	260
200	1,617	730	
250	1,935	830	
300	2,253	930	
350	2,571	1,030	
400	2,889	1,130	
500	3,524	1,330	

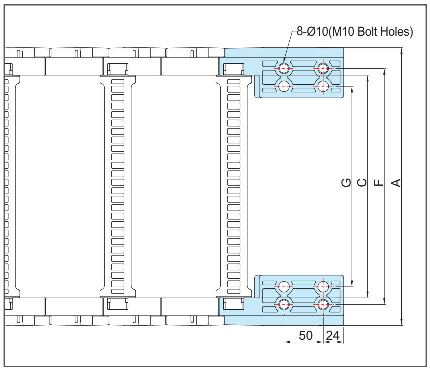
(Dimensions in mm)

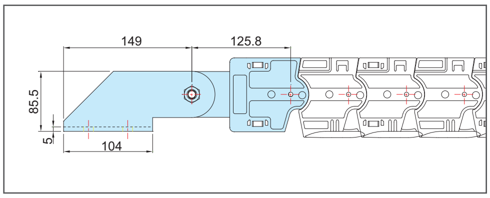
END BRACKET

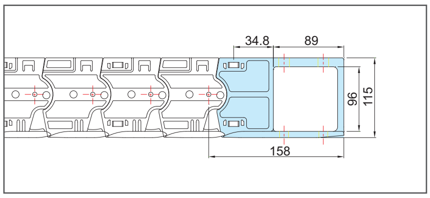
Moving point



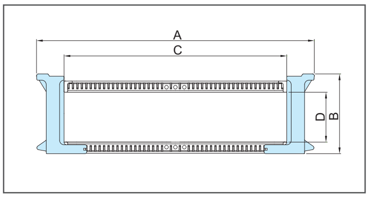
Fixing point







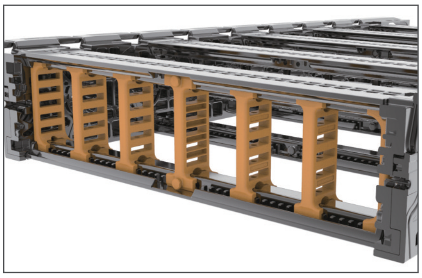
Front point



Chain Type	A Width(Outer)	B High(Outer)	C Frame	D High(Inner)	E M,EB bolt hole width	F F,EB bolt hole width	G F,EB bolt hole width
nsb 080S	143	115	75	78	63	104	47
	168		100		88	129	72
	183		115		103	144	87
	193		125		113	154	97
	218		150		138	179	122
	243		175		163	204	147
	268		200		188	229	172
	308		240		228	269	212
	318		250		238	279	222
	358		290		278	319	262
	368		300		288	329	272
	418		350		338	379	322
	468		400		388	429	372
	518		450		438	479	422
	568		500		488	529	472
	618		550		538	579	522
	668		600		588	629	572

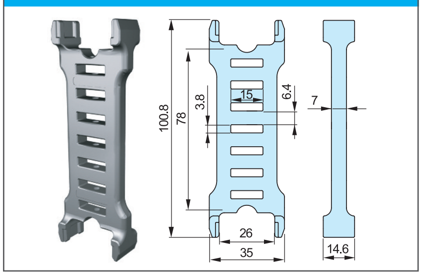
(Dimensions in mm)

DIVIDERS(DV)

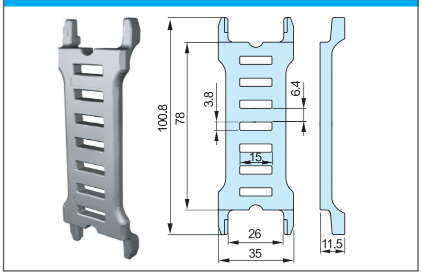


Assemble divider every Four links. / 4링크마다 결합
DV/T : Frame 300~600mm적용(상하 프레임을 연결)

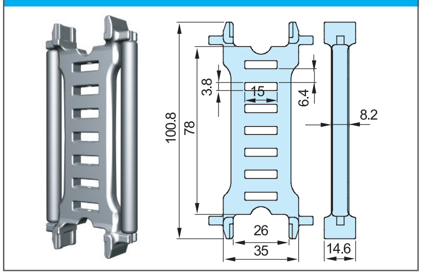
DV - M



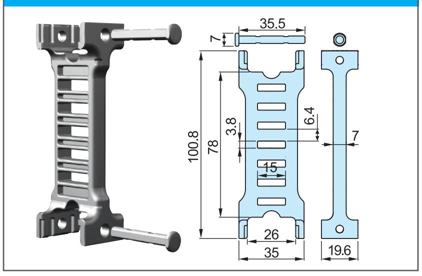
DV - S



DV - R

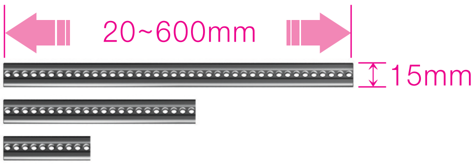


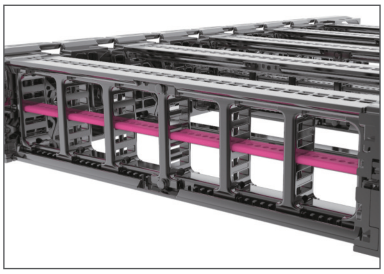
DV - T



(Dimensions in mm)

SEPARATORS(SP)





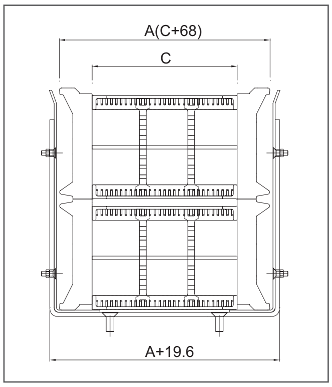
ORDERING (주문방법)

nsb 080S. 175. R200 / B1 - 10000L : 10ST

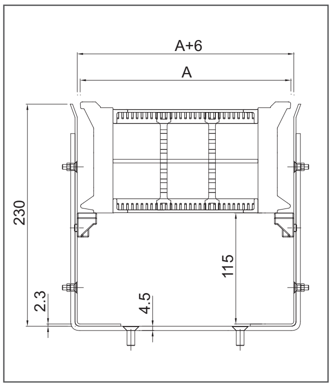
- 10ST — 주문수량 Q'ty(set)
- 10000L — 체인길이 Length(mm)
- B1 — 브라켓 End Bracket (B1,B2)
- R200 — 곡률반경 Bending Radius
- 175 — 내폭 Inside Width
- 080S — 장거리타입 Sliding Type
- nsb — New Sabin Chain

GUIDE CHANNEL

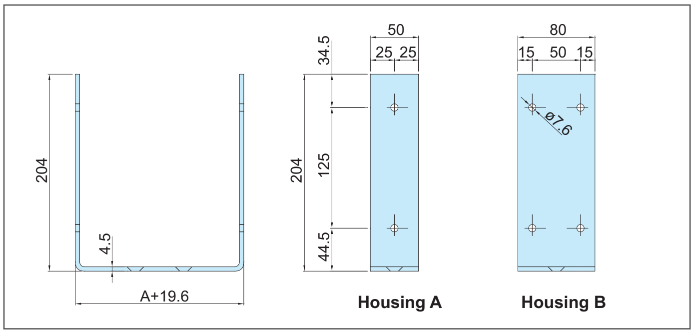
A-zone



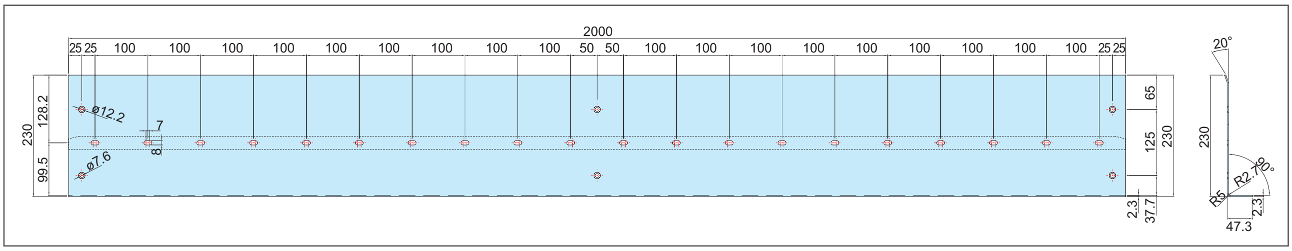
C-zone



Housing (U-shape)



Side Panel



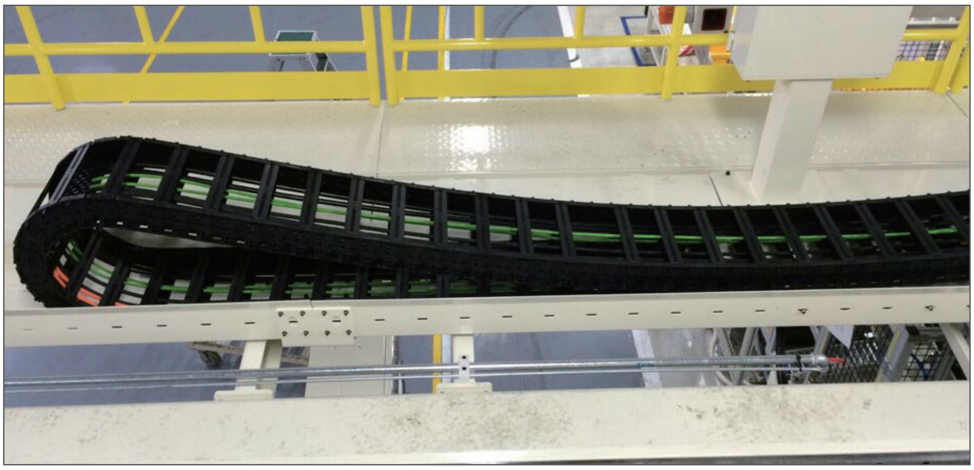
(Dimensions in mm)

GUIDE CHANNEL ORDERING (가이드잔넬 주문방법)

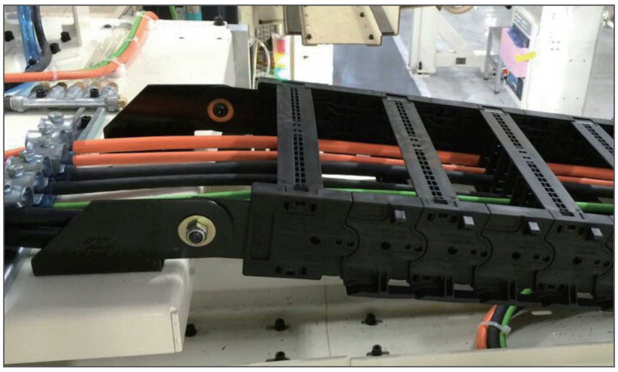
nsb-GCS 080S. 100 / A,B,C : 200M

- 200M — 길이 Length(mm)
- A,B,C — 사이드판넬 Panel A, B, C-Zone
- 100 — 내폭 Inside Width
- 080S — 체인종류 Chain Type
- GCS — Steel Guide Channel
- nsb — New Sabin Chain

APPLICATION IMAGE / 적용이미지



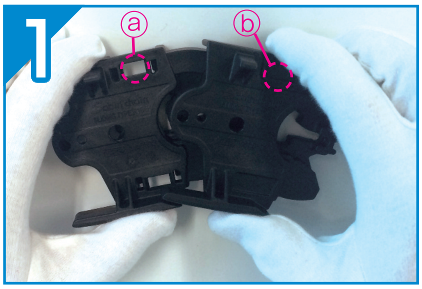
KIA Moters Engine process
기아자동차 엔진 공정



ASSEMBLY PROCEDURE / 조립방법

Assembly procedure of nsb chain S-type is as follows. The assembling process of nsb chain S-type is like below and you must use rubber hammer with careful combination of Divider and Separator. (Disassembly process for repair and replacement are in reverse order)

nsb chain S-type(장거리형)의 조립순서는 아래와 같이 진행한다. 반드시 규정된 고무 망치를 사용하여야하며 케이블의 입선 수량에 따라 디바이더와 세퍼레이터를 조합하여 지정된 위치에 조립한다. (보수 및 교체를 위한 제품 분해 등은 조립의 역순)



Classify LH and RH first, then assemble the Side band.
(Assemble from ⓐ to ⓑ according to priority)

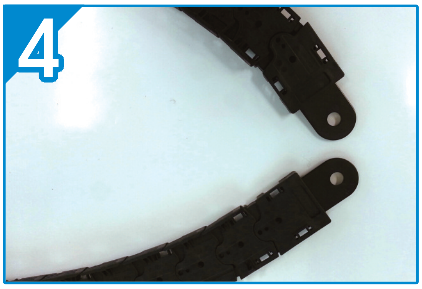
사이드밴드 RH, LH 각각 분류하여 그림과 같이 홈에 맞게 체결 한다.
단, ⓐ을 먼저 조립 후 ⓑ를 순차적으로 체결할 것.

Connect the Side Band by the needed length.

일정 단위의 길이만큼 사이드밴드를 체결한다.
(조립하고자 하는 길이만큼 사이드밴드 연결)

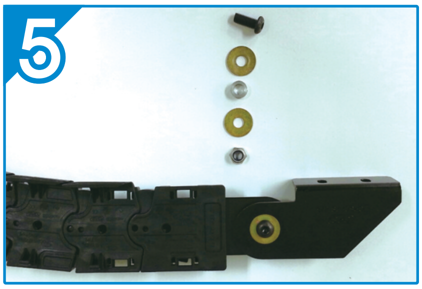
Install F.EB according to the right and left direction.

F.EB(Fixing End Bracket)를 좌우 방향에 맞도록 조립한다.



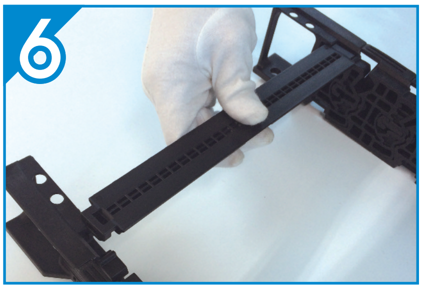
Install M.EB according to the right and left direction.

M.EB(Moving END Bracket)를 좌우방향에 맞춰 조립한다.



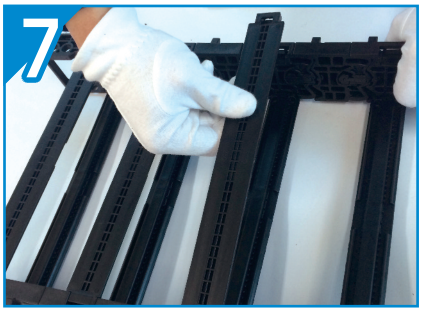
Assemble the Steel Bracket on the M.EB by tightening bolt and nut.
(Bolt → flat washer → insert steel → flat washer → Nut)

Steel Bracket을 조립되어 있는 M.EB(Moving END Bracket)에
볼트, 너트로 체결한다.
(볼트 → 평와셔 → insert steel → 평와셔 → 너트 순으로 조립)

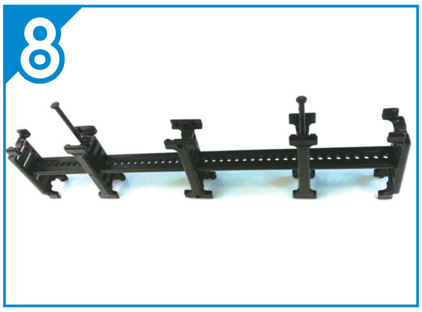


Assemble the left and right Side Band on specified frame.

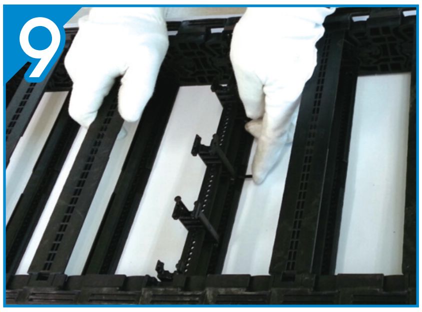
좌우의 사이드밴드를 지정된 프레임으로 조립한다.



Frame in the opposite direction also assemble in the same manner.
반대 방향의 프레임도 동일한 방법으로 조립한다.



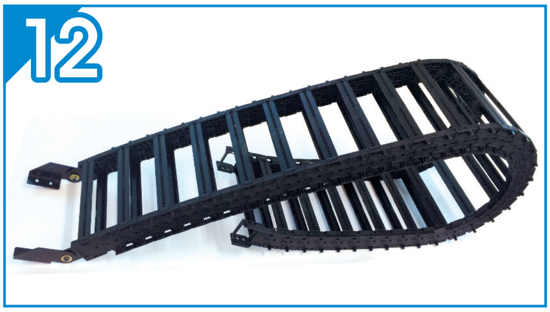
Install the separators on dividers then fix by separate pin.
디바이더에 세퍼레이터를 결합하고 세퍼레이터 핀으로
디바이더와 세퍼레이터를 고정한다.



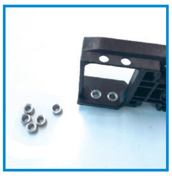
Fix the dividers on lower frame. (Assemble divider every Four links)
세퍼레이터가 결합된 디바이더를 하측 프레임에 결합한다. (4링크마다 결합)

Combine the upper frame exactly on the groove of sideband and divider.
상측 프레임을 사이드밴드와 디바이더의 홈에 정확하게 결합한다.

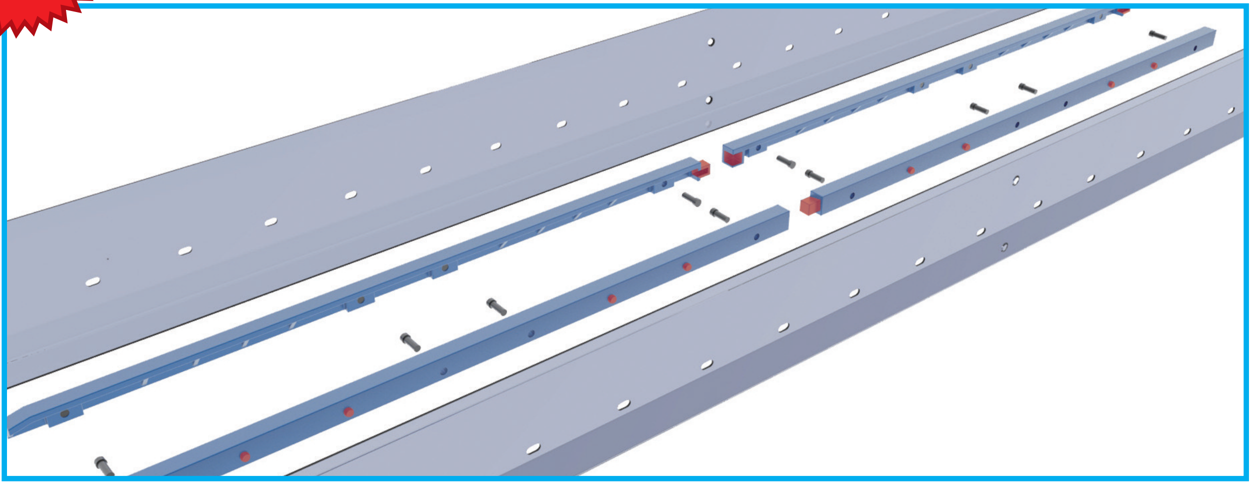
Fix the frame and side band by using the frame pin.
결합된 프레임과 사이드밴드의 측면의 홈에 프레임 핀으로 결합한다.



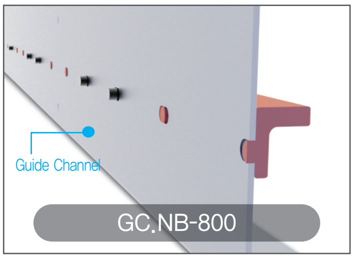
Complete by inserting the reinforce washer to fit in direction of F.EB fixing.
F.EB 고정 방향에 맞도록 보강와샤를 삽입하여 완성한다.



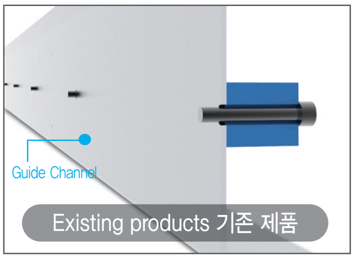
NEW Details of **NYLON BAR** / NYLON BAR 세부설명



A By making 4 bumps on the bar, it can avoid bolt loosening also guarantee long life span.
나일론바 취부면에 **돌기부 4개가 돌출**되어 있는 구조로 조립 시 Guide Channel에 돌기가 삽입되어 장기간 사용 시 볼팅 체결부가 느슨해져 생기는 단차 발생 방지.

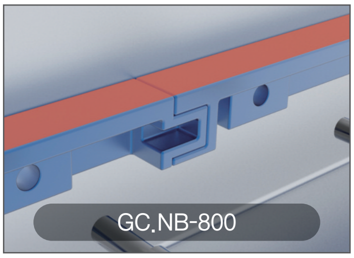


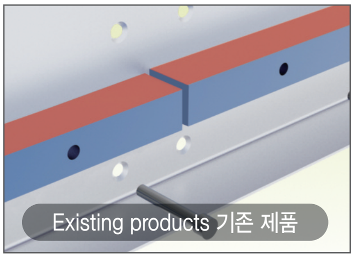
GC.NB-800



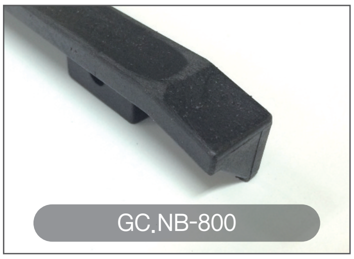
Existing products 기존 제품

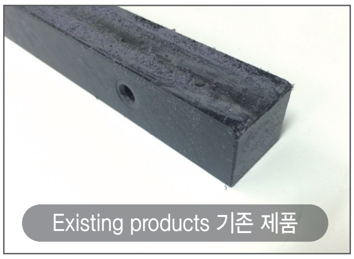
B It can make smooth sliding and easy assembly through its structure.
나일론바와 나일론바를 서로 교차시켜 조립하는 형상으로 **단차와 벌어짐**을 억제해 원활한 슬라이딩이 가능하며, 조립이 간단하고 가벼운 구조로 설계.


GC.NB-800

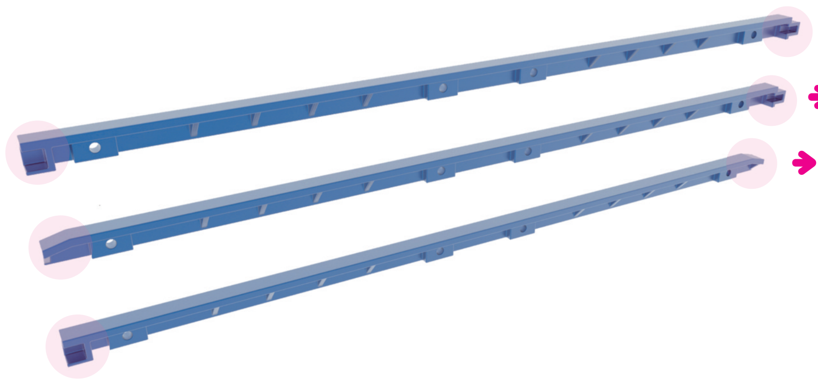

Existing products 기존 제품

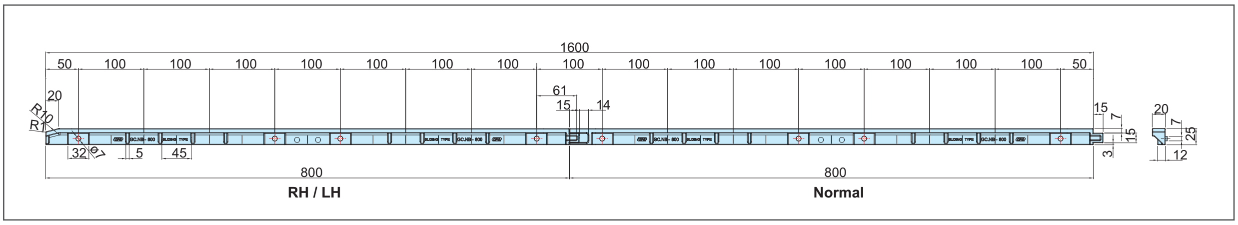
C It is dust free and anti-abrasivity due to its raw material which is same with chain.
체인(Polyamid6+GF33%)과 **동일한 재질**로 제작해 내마모성이 뛰어나고, 분진이 적음.


GC.NB-800


Existing products 기존 제품

NYLON BAR TYPE (나일론바 종류)





Bilateral symmetry for both RH,LH. / RH,LH는 좌우대칭.

(Dimensions in mm)

NYLON BAR ORDERING (나일론바 주문방법)

GC.NB-800 / N : 10ST

- 주문수량 Q'ty(set)
- 나일론바 타입 Nylon Bar Type
  - -N : Normal
  - -R : RH
  - -L : LH
- 길이(고정) Length(mm) Fixed
- Guide Channel Nylon Bar

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