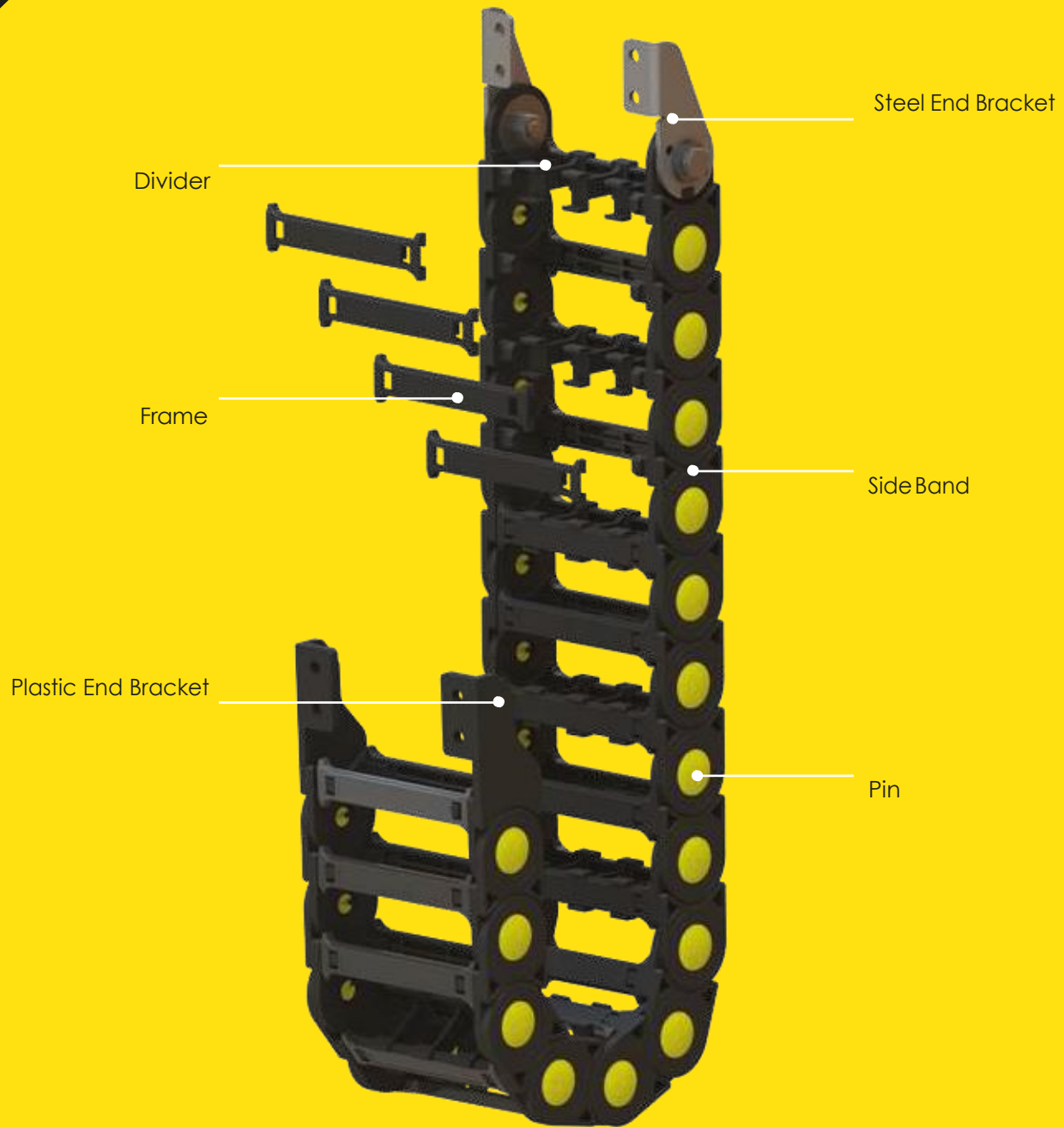

PLASTIC MEDIUM SERIE

IRK25 SERIE



MATERIAL PROPERTIES

PA6 With %30 FiberGlass



SPEED

8m/sec



APPLICATIONS

Gantry robot, Machining center, Textile machine, Welding machine, Feeder unit, Wood work machine, Fabric machine

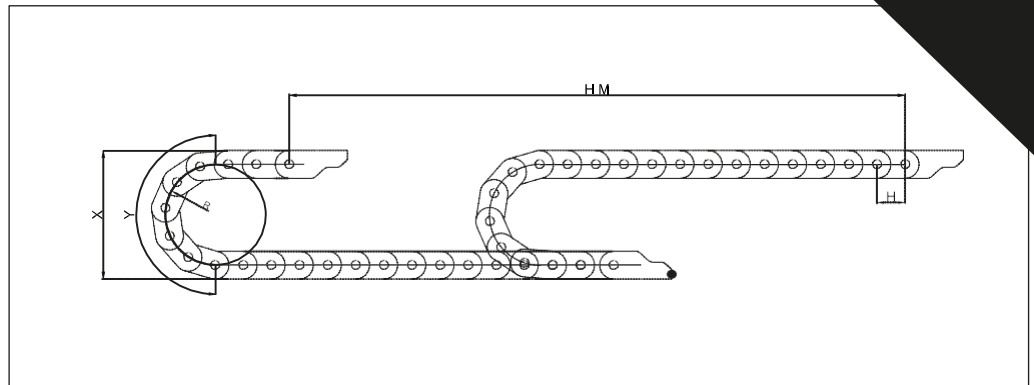


OPERATING TEMPERATURE

-30°C ~ + 130°C

IRK25 SERIE

- L** Calculation of the chain length
- HM** Movement Distance
- Y** Radius Distance
- X** Mounting Height
- H** Pitch



L = HM/2 + Y

X = R x 2 + C

Y = R x π

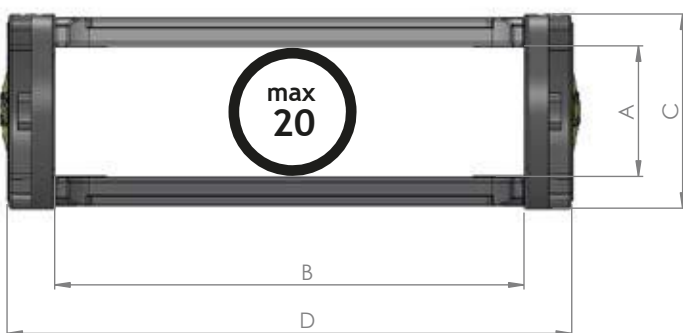
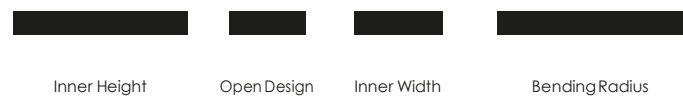
	A	B	C	D	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Weight Kg/Mt

IRK25 A 040 R	25	40	42	62	1,26
IRK25 A 050 R		50		72	1,36
IRK25 A 060 R		60		82	1,46
IRK25 A 080 R		80		102	1,65
IRK25 A 100 R		100		122	1,86

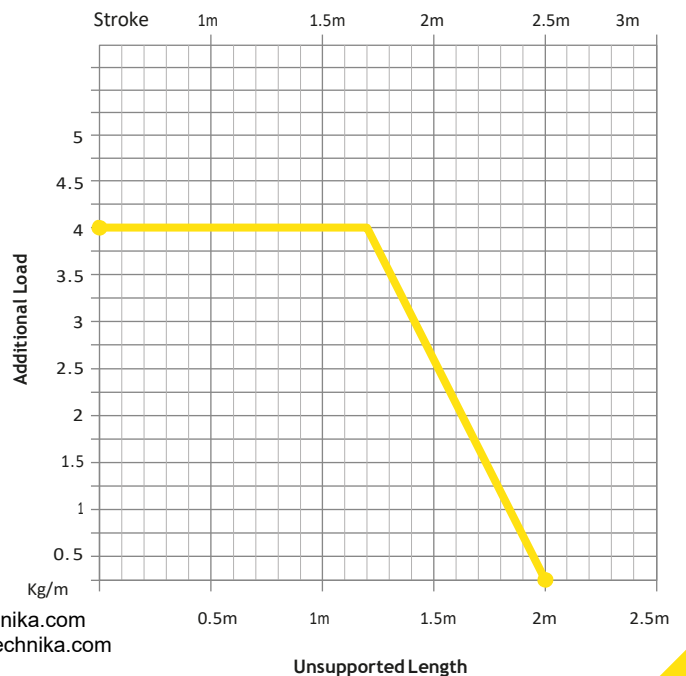
R	Bending Radius	40	75	100	125
	H (mm)	42	42	42	42
	X (mm)	122	192	242	292
	Y (mm)	126	236	314	393

ORDERING

IRK25 A 50 R075



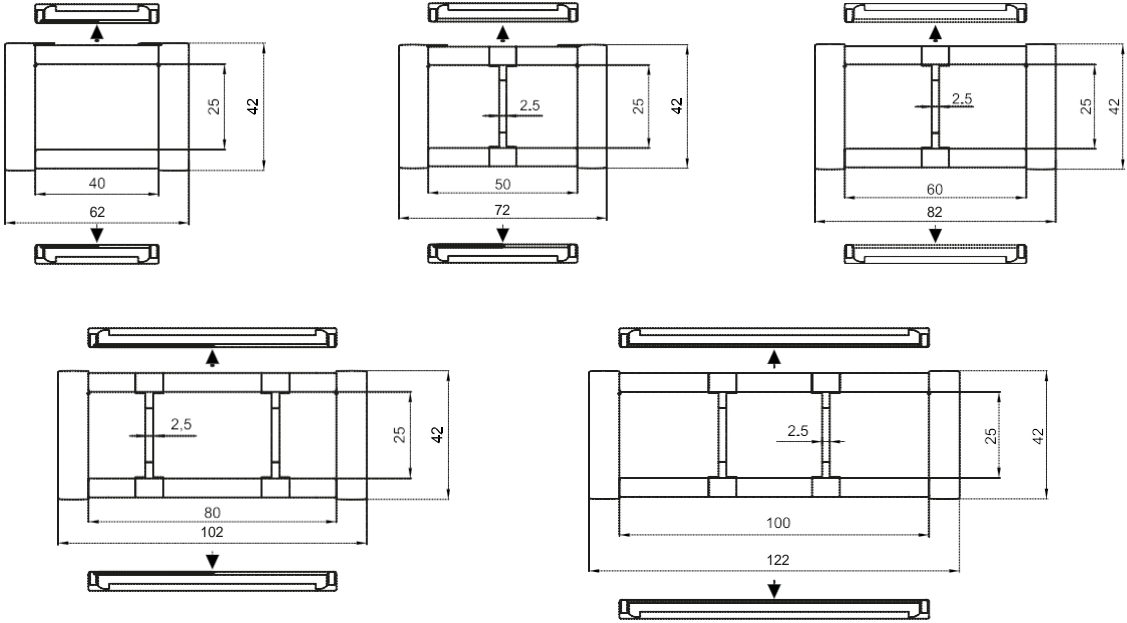
LOAD DIAGRAM



IRK25 SERIE

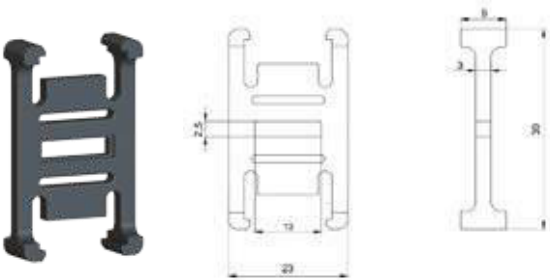


CHAIN CROSS SECTION

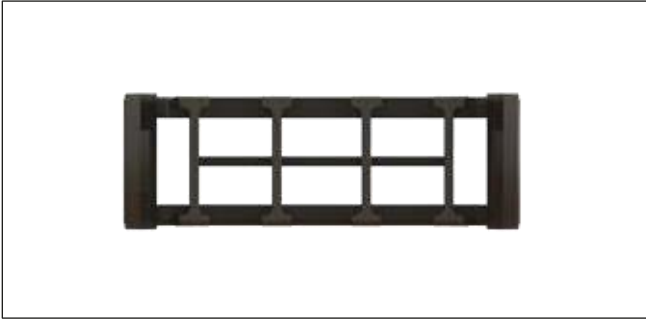
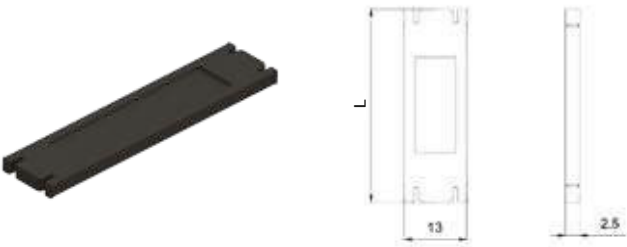


DIVIDER

VERTICAL DIVIDER

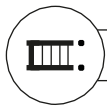


HORIZONTAL SEPARATOR

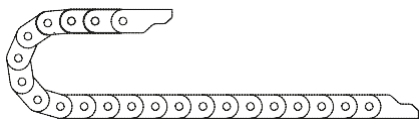


T	TYPE	LENGHT (L)
	IRK YSP 040	40 mm
	IRK YSP 060	60 mm
	IRK YSP 080	80 mm
	IRK YSP 100	100 mm

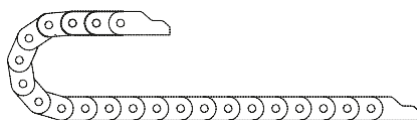
IRK25 SERIE



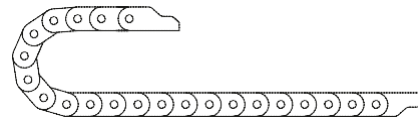
DRIVER & FIXED CONNECTIONS



End Brackets

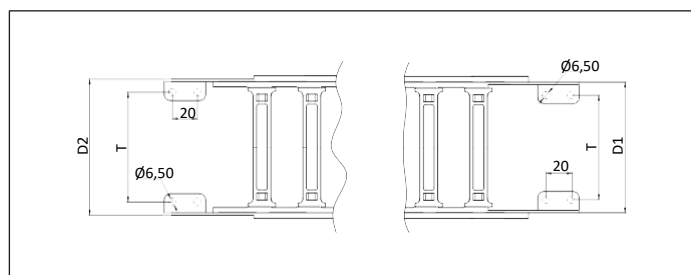


End Brackets

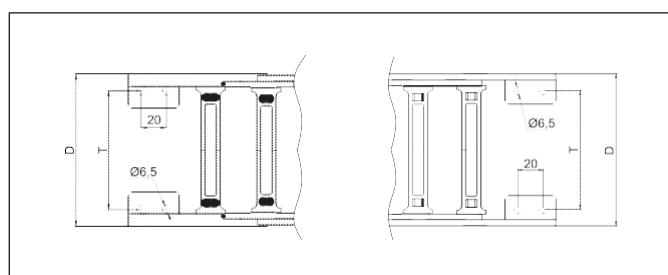


End Brackets

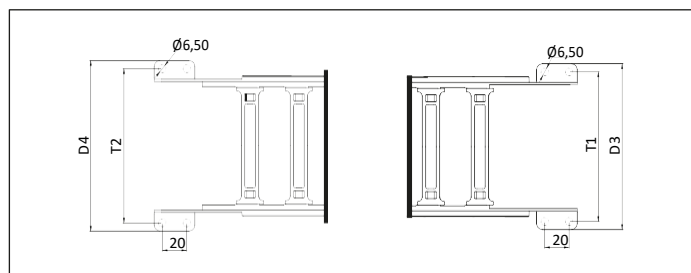
Steel End Brackets Inside Connection



Plastic End Brackets Connection



Steel End Brackets Outside Connection

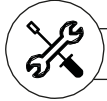


CODE	T	T1	T2	T3	T4	D	D1	D2	D3	D4
IRK25 A 040	32	63	75	25	34	60	50	56	80	89
IRK25 A 050	42	73	85	35	44	70	60	66	90	99
IRK25 A 060	52	83	95	45	54	80	70	76	100	109
IRK25 A 080	72	103	115	65	74	100	90	96	120	129
IRK25 A 100	92	123	135	85	94	120	110	116	140	149



USE OF DIVIDER

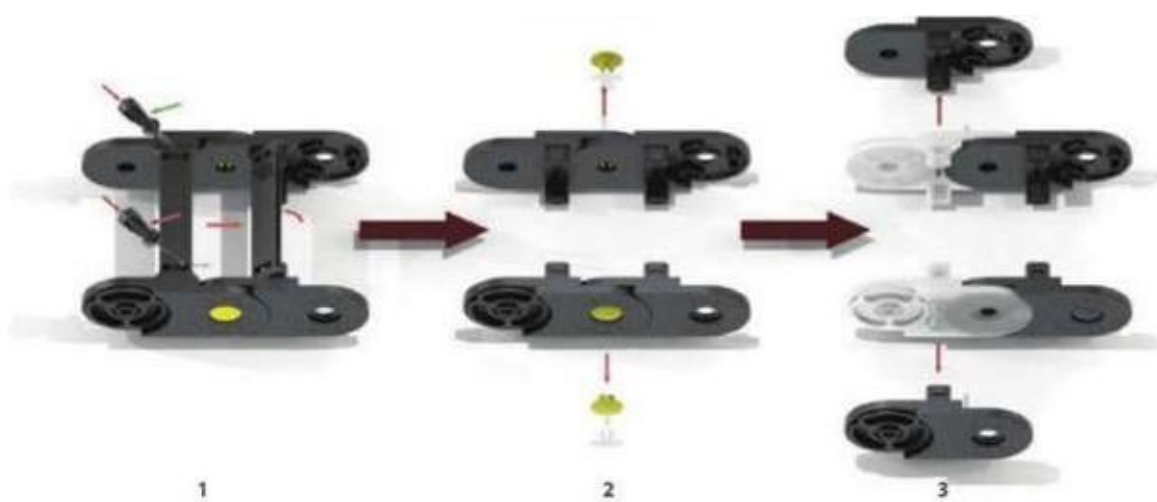
You can separate the cable and hose from each other by using vertical and horizontal divider.



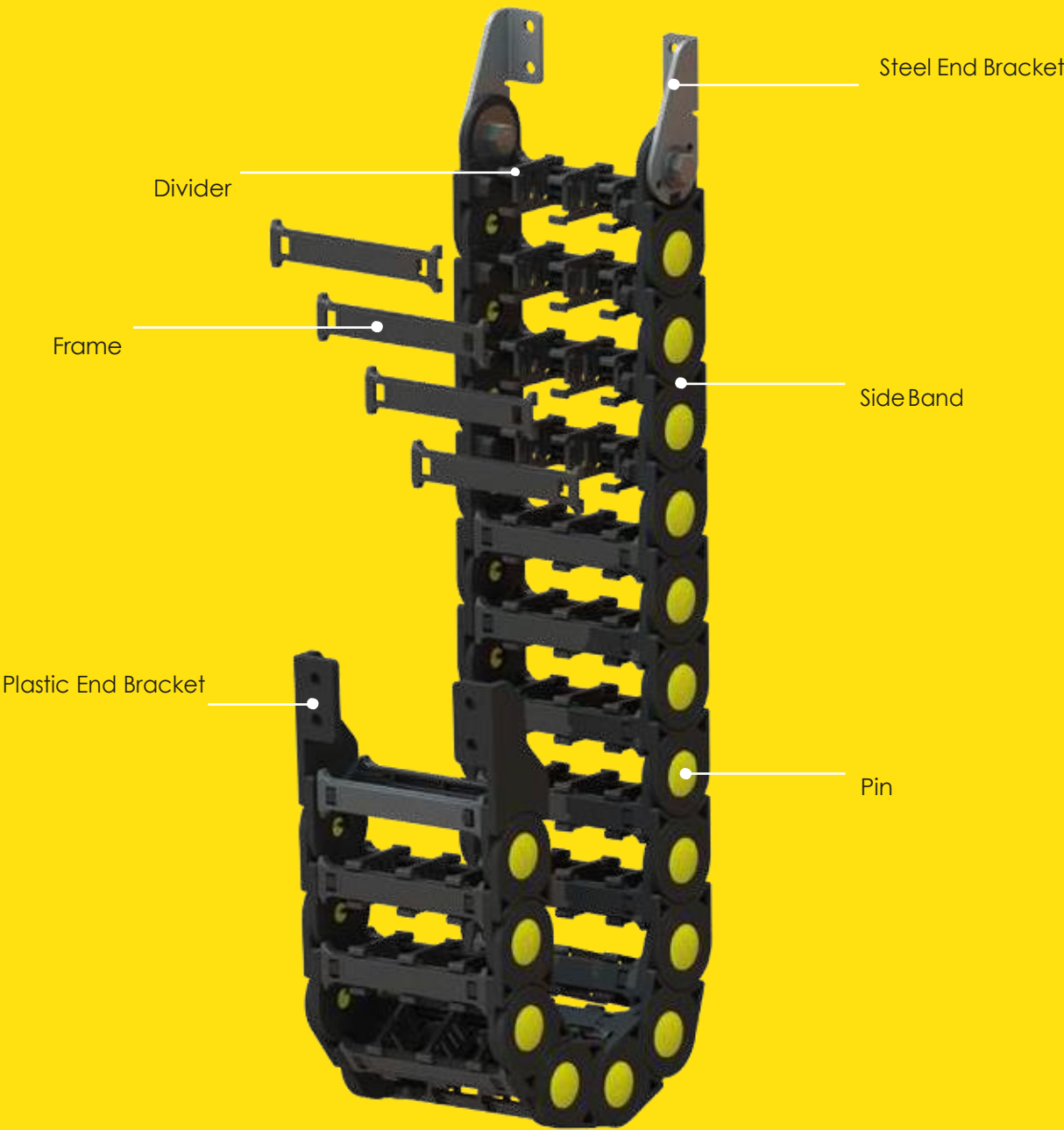
ASSEMBLY



DISASSEMBLY



IRK30 SERIE



MATERIAL PROPERTIES

PA6 With %30 FiberGlass



SPEED

9m/sec



APPLICATIONS

Gantry robot, Machining center, Textile machine, Welding machine, Feeder unit, Wood work machine, Fabric machine

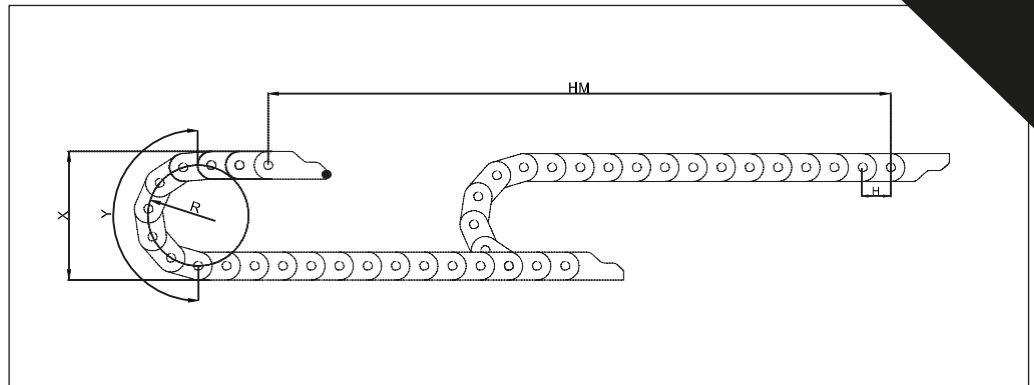


OPERATING TEMPERATURE

-30°C ~ + 130°C

IRK30 SERIE

- L** Calculation of the chain length
- HM** Movement Distance
- Y** Radius Distance
- X** Mounting Height
- H** Pitch



L = HM/2 + Y

X = R x 2 + C

Y = R x π

IRK 30 A	OPEN DESIGN	A	B	C	D	W
MODEL		Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Weight Kg/Mt
IRK30 A 040 R		30	40	47	62	1.36
IRK30 A 050 R			50		72	1.46
IRK30 A 060 R			60		82	1.56
IRK30 A 080 R			80		102	1.74
IRK30 A 100 R			100		122	1.84

R	Bending Radius	50	75	100	150
	H (mm)	52	52	52	52
	X (mm)	147	197	247	347
	Y (mm)	157	236	314	471

IRK30 SERIE



ORDERING



LOADDIAGRAM

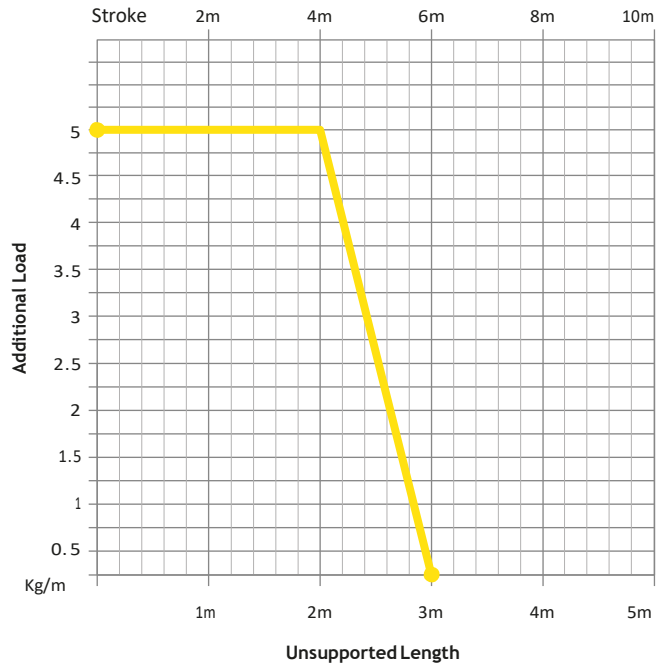
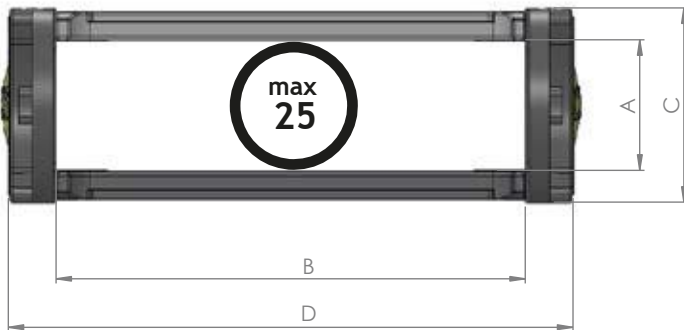
IRK30 A 50 R075

Inner Height

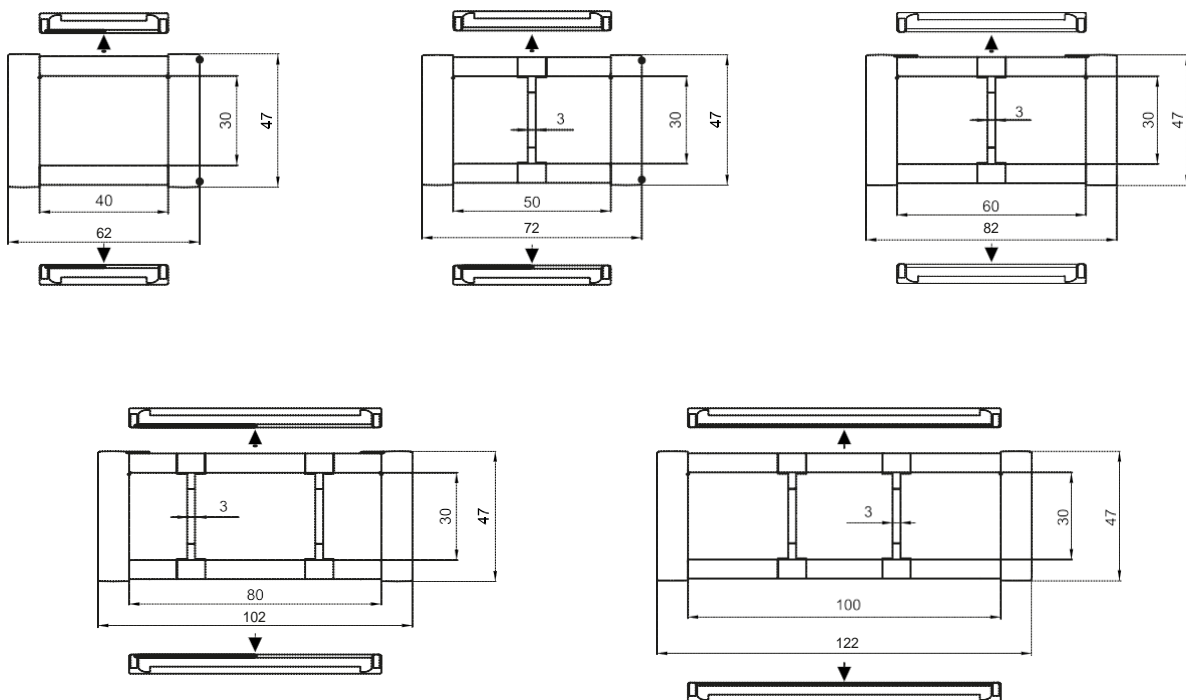
Open Design

Inner Width

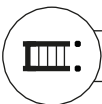
Bending Radius



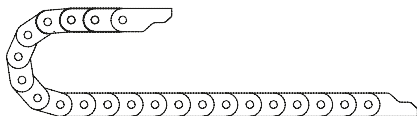
CHAIN CROSS SECTION



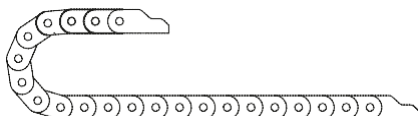
IRK30 SERIE



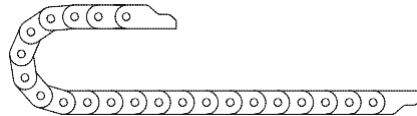
DRIVER & FIXED CONNECTIONS



End Brackets

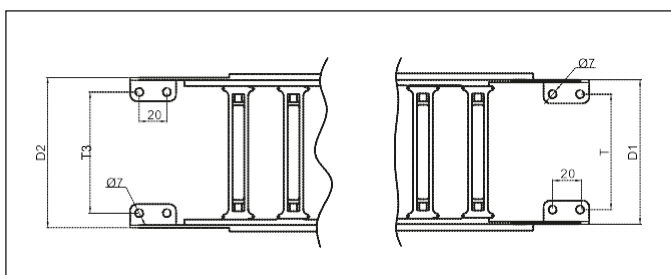


End Brackets

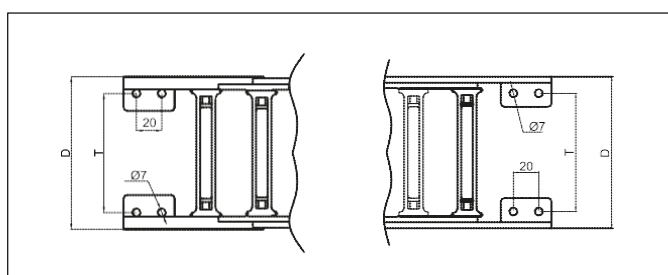


End Brackets

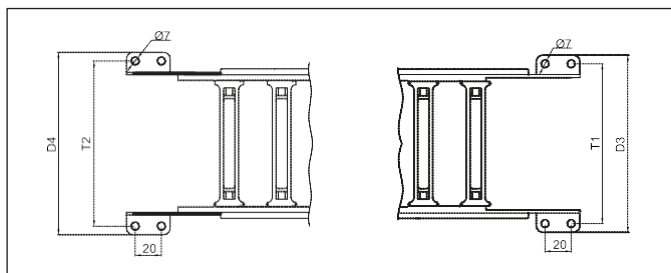
Steel End Brackets Inside Connection



Plastic End Brackets Connection



Steel End Brackets Outside Connection

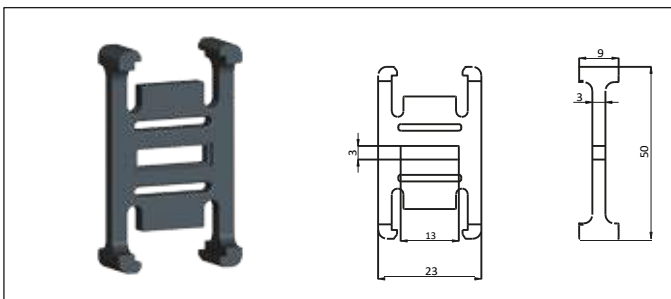


CODE	T	T1	T2	T3	D	D1	D2	D3	D4
IRK30 A 040	22	53	65	34	61	51	57	81	90
IRK30 A 050	32	63	75	44	71	61	67	91	100
IRK30 A 060	42	73	85	54	81	71	77	101	110
IRK30 A 080	62	93	105	74	101	91	97	121	130
IRK30 A 100	82	113	125	94	121	111	117	141	150

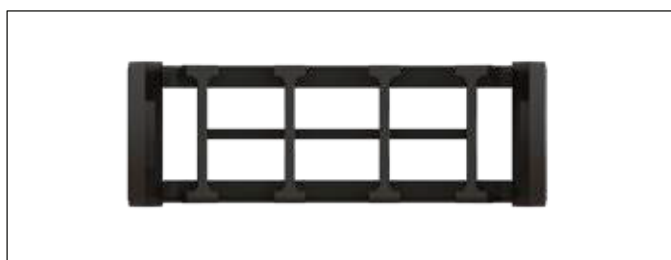


DIVIDER

VERTICAL DIVIDER



HORIZONTAL SEPARATOR



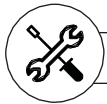
T	TYPE	LENGHT (mm)
	IRK YSP 060	60
	IRK YSP 080	80
	IRK YSP 100	100

IRK30 SERIE

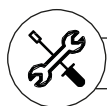


USE OF DIVIDER

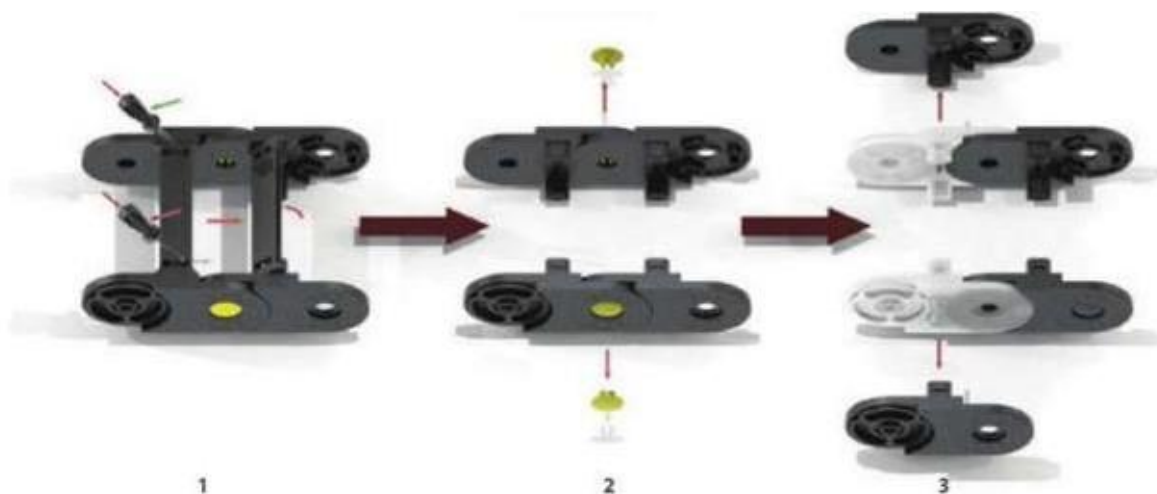
You can separate the cable and hose from each other by using vertical and horizontal divider.



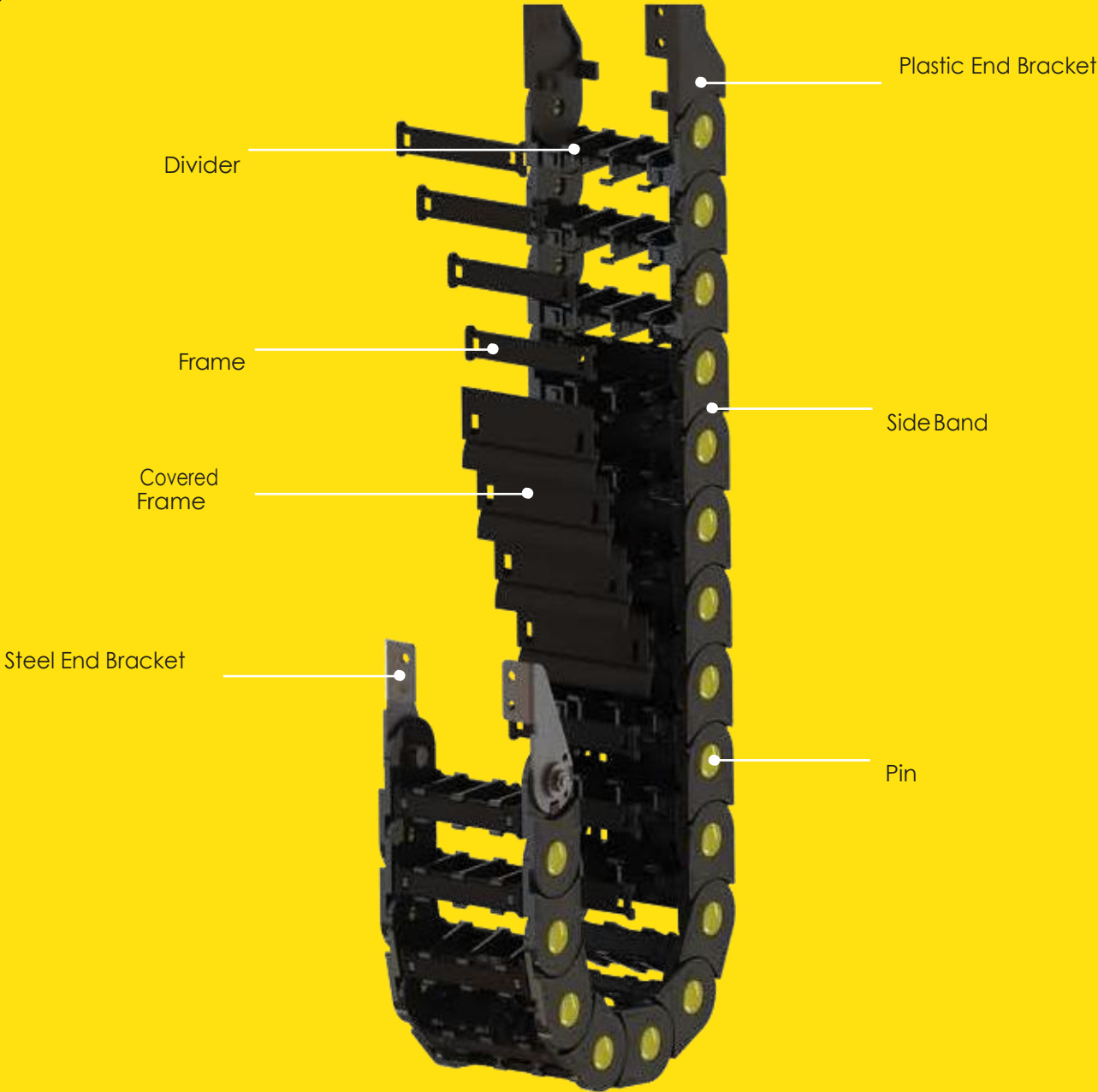
ASSEMBLY



DISASSEMBLY



IRK35 SERIE



MATERIAL PROPERTIES

PA6 With %30 Fiber Glass



APPLICATIONS

Gantry robot, Machining center, Textile machine, Welding machine, Feeder unit, Wood work machine, Fabric machine



SPEED

9m/sec

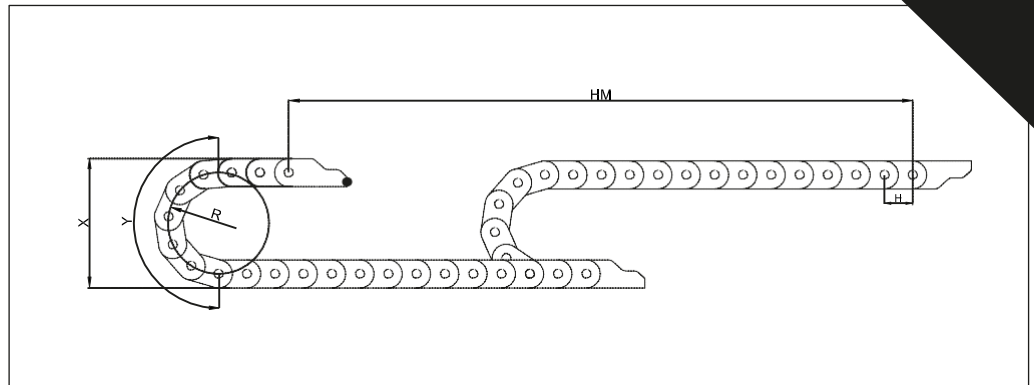


OPERATING TEMPERATURE

-30°C ~ + 130°C

IRK35 SERIE

- L** Calculation of the chain length
- HM** Movement Distance
- Y** Radius Distance
- X** Mounting Height
- H** Pitch



$$L = HM/2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

IRK 35 A	OPEN DESIGN	A	B	C	D	W
MODEL		Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Weight Kg/Mt
IRK35 A 040 R	35	35	40	52	64	1,45
IRK35 A 050 R			50		74	1,53
IRK35 A 060 R			60		84	1,61
IRK35 A 080 R			80		104	1,76
IRK35 A 100 R			100		124	1,91
IRK35 A 120 R			120		144	2,06
IRK35 A 125 R			125		149	2,13

IRK 35 Y	HALF COVERED	A	B	C	D	W
MODEL		Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Weight Kg/Mt
IRK35 Y 040 R	35	35	40	52	64	1,56
IRK35 Y 060 R			60		84	1,66
IRK35 Y 080 R			80		104	1,76
IRK35 Y 100 R			100		124	1,86
IRK35 Y 125 R			125		149	2,00

IRK 35 K	COVERED DESIGN	A	B	C	D	W
MODEL		Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Weight Kg/Mt
IRK35 K 040 R	35	35	40	52	64	1,68
IRK35 K 060 R			60		84	1,78
IRK35 K 080 R			80		104	1,88
IRK35 K 100 R			100		124	2,15
IRK35 K 125 R			125		149	2,35

IRK35 SERIE

R	Bending Radius	50	75	100	150
	H (mm)	52	52	52	52
	X (mm)	152	202	252	352
	Y (mm)	157	236	314	471

* R50 - R75 IS ONLY FOR CK35 A DESIGN.



ORDERING

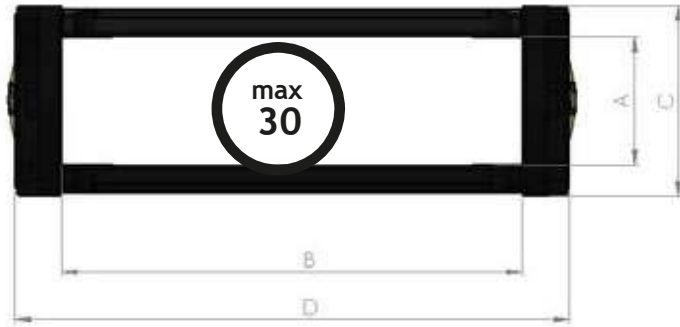
IRK35 A 50 R075

İç Yükseklik
Inner Height

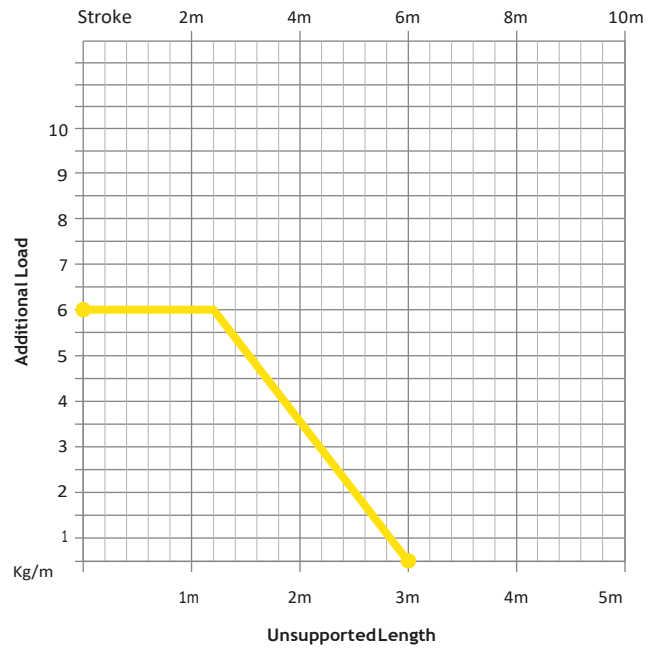
Açık Seri
Open Design

İç Genişlik
Inner Width

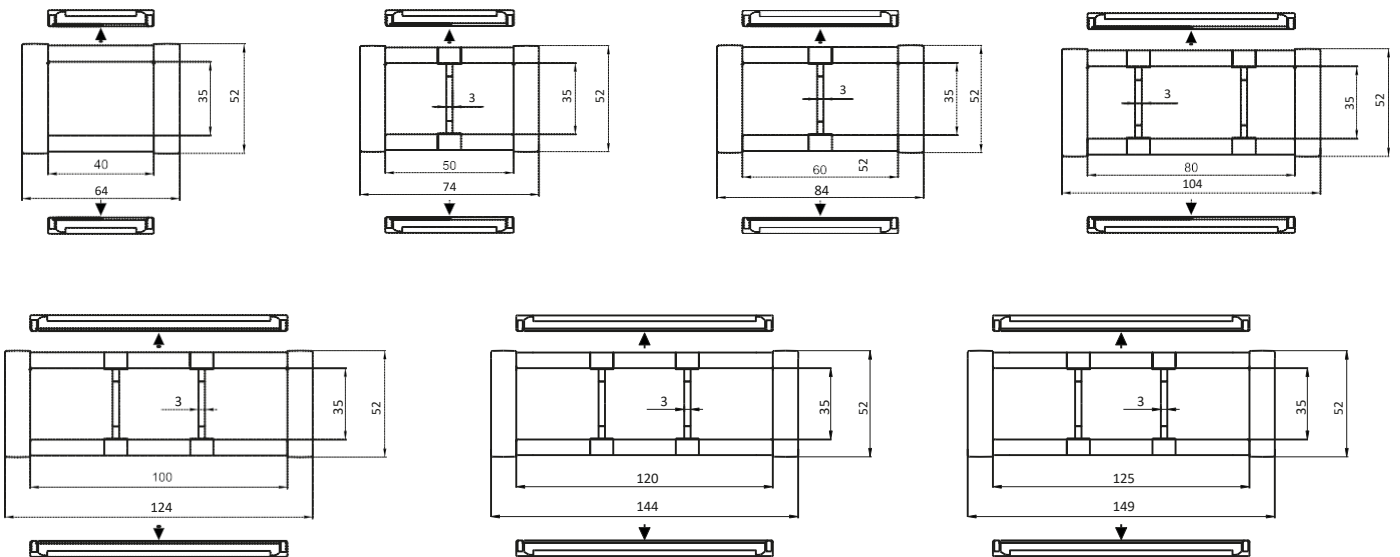
Kıvrılma Yarıçapı
Bending Radius



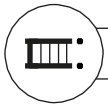
LOAD DIAGRAM



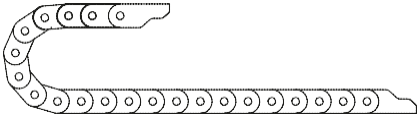
CHAIN CROSS SECTION



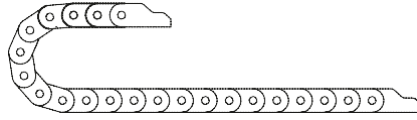
IRK35 SERIE



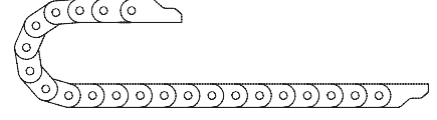
DRIVER & FIXED CONNECTIONS



End Brackets

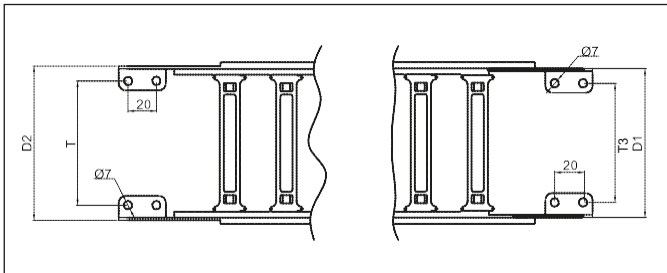


End Brackets

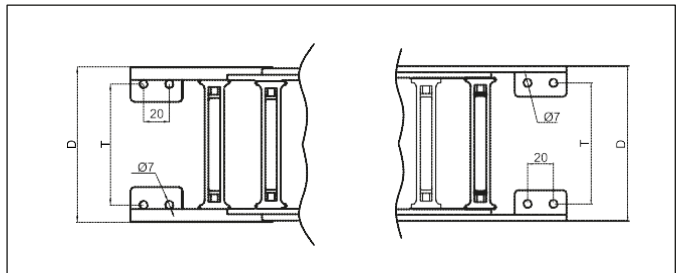


End Brackets

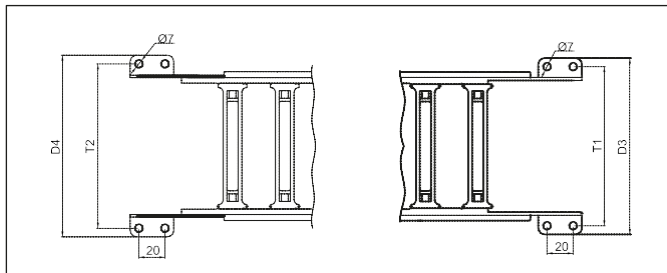
Steel End Brackets Inside Connection



Plastic End Brackets Connection



Steel End Brackets Outside Connection



CODE	T	T1	T2	T3	D	D1	D2	D3	D4
IRK35 A 040	30	77	84	21	64	49	59	85	95
IRK35 A 050	40	87	94	31	74	59	69	95	105
IRK35 A 060	50	97	104	41	84	69	79	105	115
IRK35 A 080	70	117	124	61	104	89	99	125	135
IRK35 A 100	90	137	144	81	124	109	119	145	155
IRK35 A 120	110	157	164	101	144	129	139	165	175
IRK35 A 125	115	162	169	106	149	134	144	170	180

CODE	T	T1	T2	T3	D	D1	D2	D3	D4
IRK35 Y 040	30	77	84	21	64	49	59	85	95
IRK35 Y 060	50	97	104	41	84	69	79	105	115
IRK35 Y 080	70	117	124	61	104	89	99	125	135
IRK35 Y 100	90	137	144	81	124	109	119	145	155
IRK35 Y 125	115	162	169	106	149	134	144	170	180

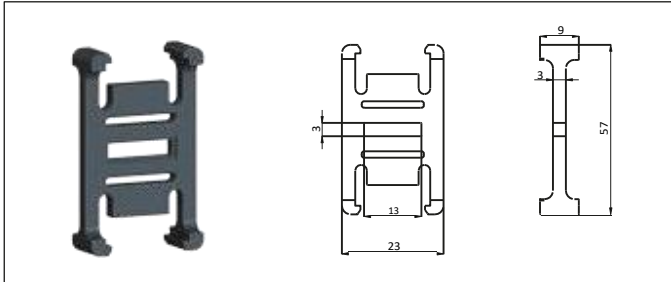
CODE	T	T1	T2	T3	D	D1	D2	D3	D4
IRK35 K 040	30	77	84	21	64	49	59	85	95
IRK35 K 060	50	97	104	41	84	69	79	105	115
IRK35 K 080	70	117	124	61	104	89	99	125	135
IRK35 K 100	90	137	144	81	124	109	119	145	155
IRK35 K 125	115	162	169	106	149	134	144	170	180

IRK35 SERIE

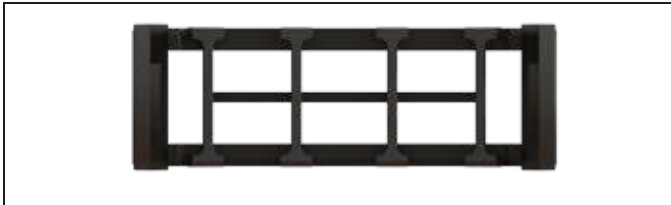
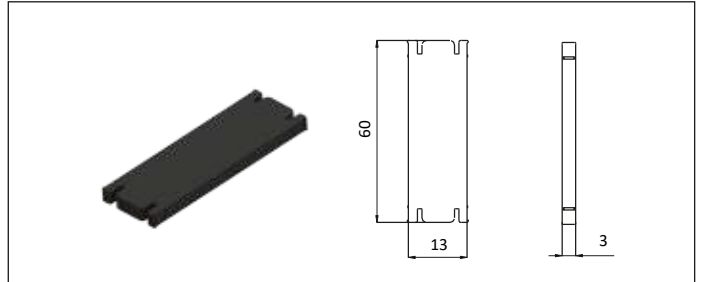


DIVIDER

VERTICAL DIVIDER



HORIZONTAL SEPARATOR

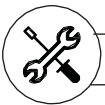


T	TYPE	LENGHT (mm)
	IRK YSP 060	60
	IRK YSP 080	80
	IRK YSP 100	100

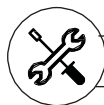


USE OF DIVIDER

You can separate the cable and hose from each other by using vertical and horizontal divider.



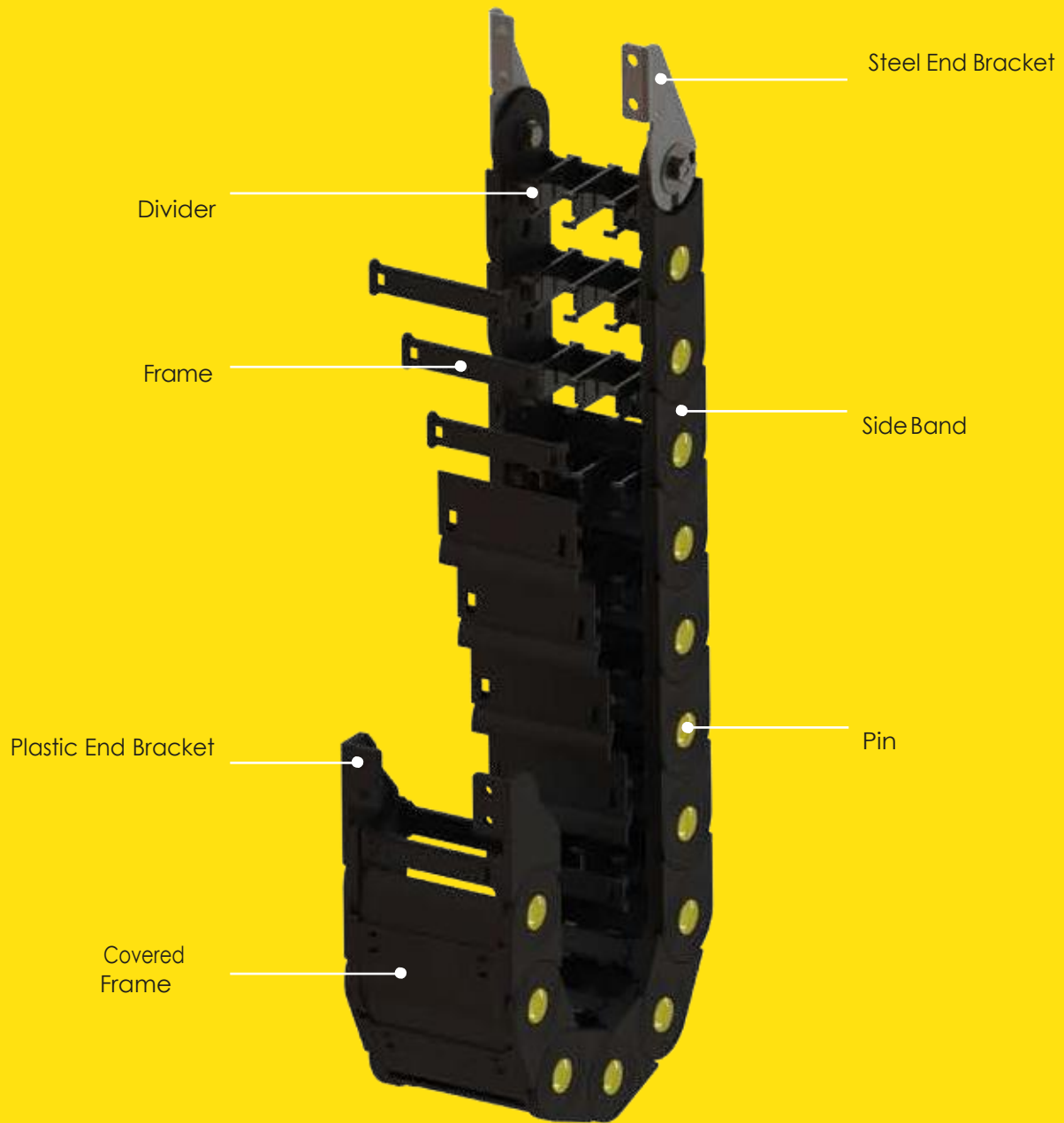
ASSEMBLY



DISASSEMBLY



IRK42 SERIE



MATERIAL PROPERTIES

PA6 With %30 FiberGlass



SPEED

8m/sec



APPLICATIONS

Gantry robot, Machining center, Textile machine, Welding machine, Feeder unit, Wood work machine, Fabric machine

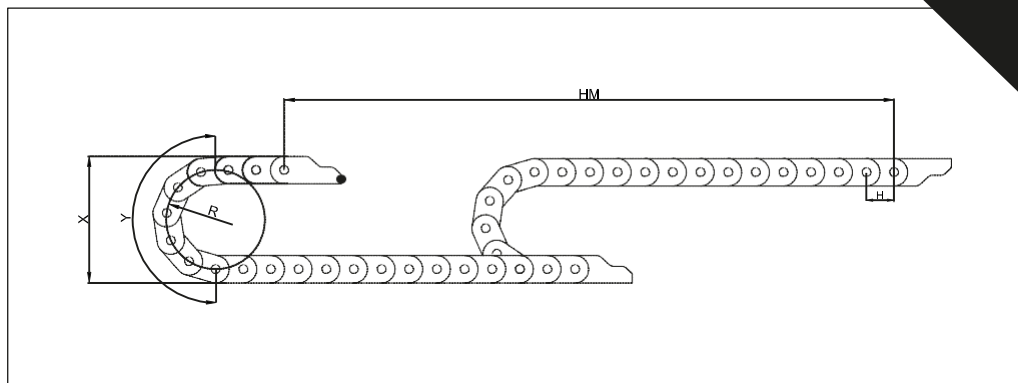


OPERATING TEMPERATURE

-30°C ~ + 130°C

IRK42 SERIE

- L** Calculation of the chain length
- HM** Movement Distance
- Y** Radius Distance
- X** Mounting Height
- H** Pitch



$$L = HM/2 + Y$$

$$X = Rx2 + C$$

$$Y = Rx\pi$$

IRK 42 A	OPEN DESIGN	A	B	C	D	W
MODEL		Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Weight Kg/Mt
IRK42 A 040 R		42	40	58	67	1.67
IRK42 A 050 R			50		77	1.74
IRK42 A 060 R			60		87	1.80
IRK42 A 080 R			80		107	1.93
IRK42 A 100 R			100		127	2.06
IRK42 A 120 R			120		147	2.20
IRK42 A 125 R			125		152	2.28

IRK 42 Y	HALF COVERED	A	B	C	D	W
MODEL		Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Weight Kg/Mt
IRK42 Y 050 R		42	50	58	77	1.90
IRK42 Y 080 R			80		107	2.02
IRK42 Y 100 R			100		127	2.14
IRK42 Y 125 R			125		152	2.26

IRK 42 K	COVERED DESIGN	A	B	C	D	W
MODEL		Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Weight Kg/Mt
IRK42 K 050 R		42	50	58	77	2.36
IRK42 K 080 R			80		107	2.48
IRK42 K 100 R			100		127	2.60
IRK42 K 125 R			125		152	2.72

IRK42 SERIE

R	Bending Radius	75	100	150	200
	H (mm)	62	62	62	62
	X (mm)	208	258	358	458
	Y (mm)	236	314	471	628

* R75 IS ONLY FOR OPEN DESIGN.



ORDERING



LOADDIAGRAM

IRK42 A 50 R100

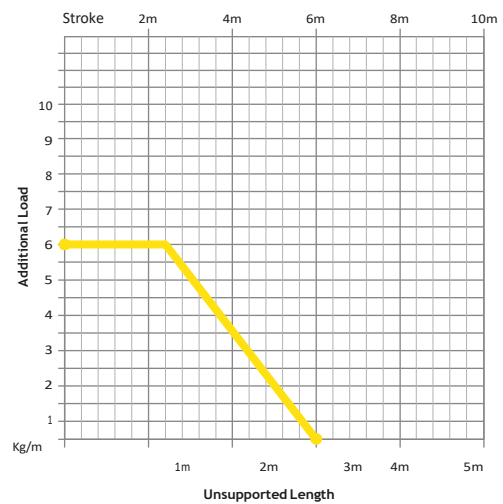
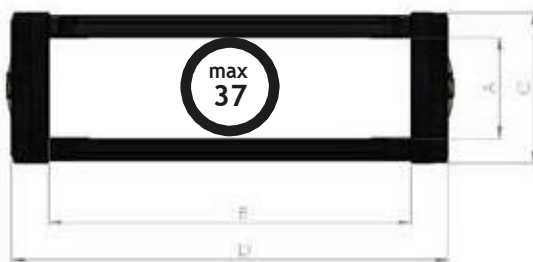


Inner Height

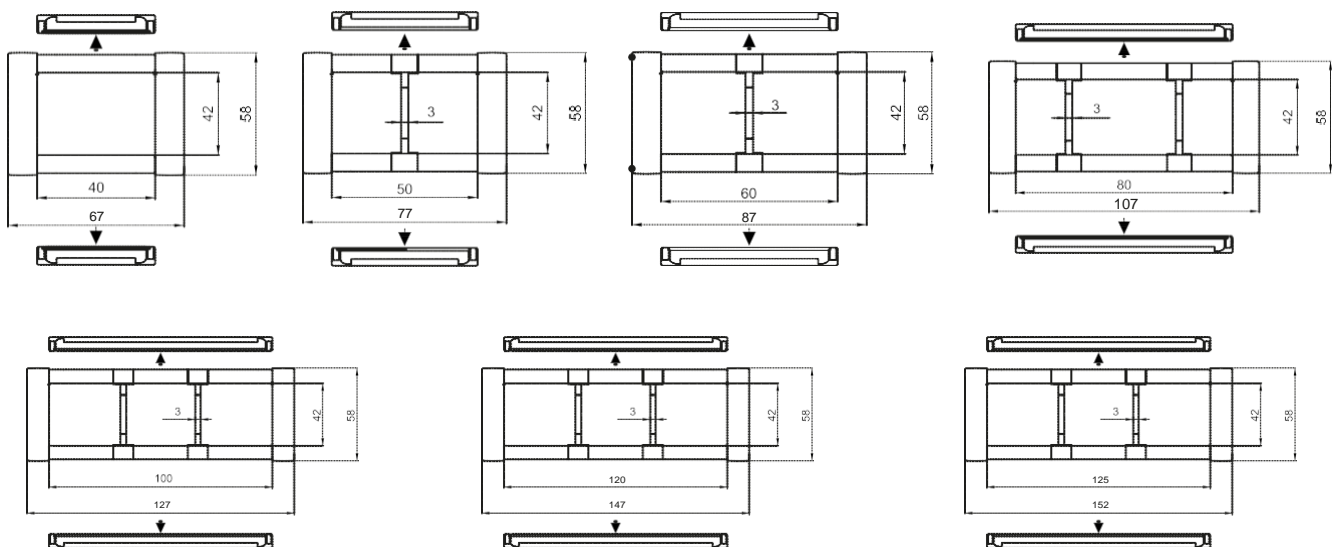
Open Design

Inner Width

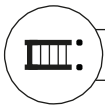
Bending Radius



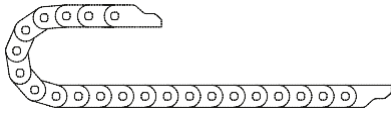
CHAIN CROSS SECTION



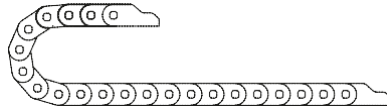
IRK42 SERIE



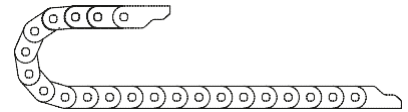
DRIVER & FIXED CONNECTIONS



End Brackets

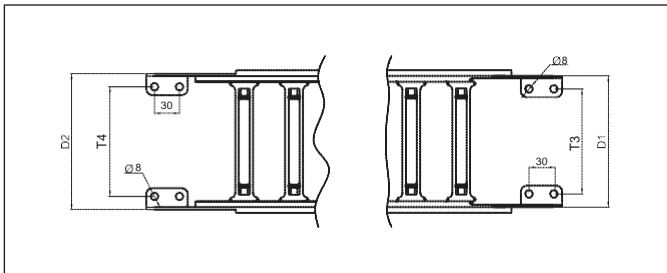


End Brackets

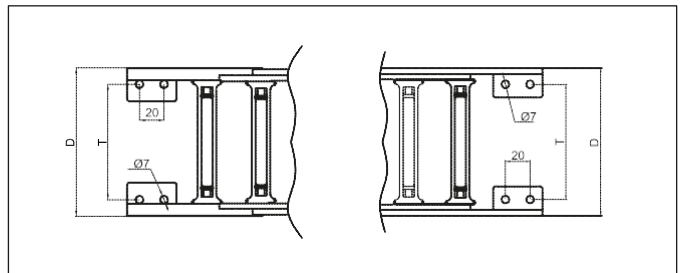


End Brackets

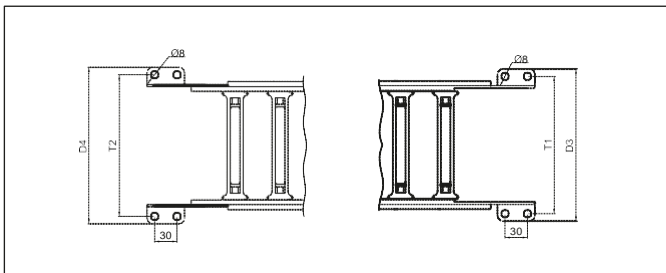
Steel End Brackets Inside Connection



Plastic End Brackets Connection



Steel End Brackets Outside Connection



CODE	T	T1	T2	T3	T4	D	D1	D2	D3	D4
IRK42 A 040	32	70	82	27	38	67	51	61	84	96
IRK42 A 050	42	80	92	37	48	77	61	71	94	106
IRK42 A 060	52	90	102	47	58	87	71	81	104	116
IRK42 A 080	72	110	122	67	78	107	91	101	124	136
IRK42 A 100	92	130	142	87	98	127	111	121	144	156
IRK42 A 120	112	150	162	107	118	147	131	141	164	176
IRK42 A 125	117	155	167	112	123	152	136	146	169	181

CODE	T	T1	T2	T3	T4	D	D1	D2	D3	D4
IRK42 Y 050	42	80	92	37	48	77	61	71	94	106
IRK42 Y 080	72	110	122	67	78	107	91	101	124	136
IRK42 Y 100	92	130	142	87	98	127	111	121	144	156
IRK42 Y 125	117	155	167	112	123	152	136	146	169	181

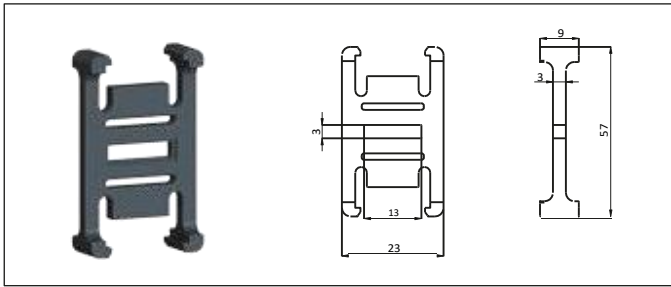
CODE	T	T1	T2	T3	T4	D	D1	D2	D3	D4
IRK42 K 050	42	80	92	37	48	77	61	71	94	106
IRK42 K 080	72	110	122	67	78	107	91	101	124	136
IRK42 K 100	92	130	142	87	98	127	111	121	144	156
IRK42 K 125	117	155	167	112	123	152	136	146	169	181

IRK42 SERIE

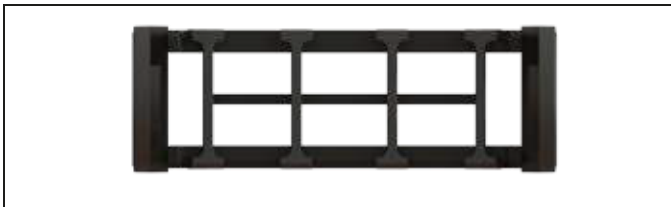
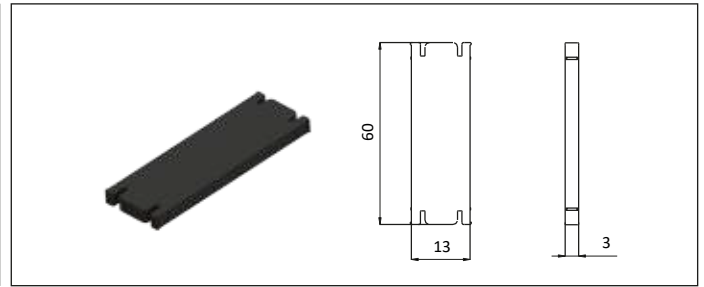


DIVIDER

VERTICAL DIVIDER



HORIZONTAL SEPARATOR



T	TYPE	LENGHT (mm)
	IRK YSP 060	60
	IRK YSP 080	80
	IRK YSP 100	100



USE OF DIVIDER

You can separate the cable and hose from each other by using vertical and horizontal divider.



ASSEMBLY



DISASSEMBLY

