Roller Carriers (Milled Rollers)

General Nuts, U Nut Rollers - Width 7~9mm

Features: Lightweight as compared to Roller Conveyor, and can be easily installed at various locations.

Steel

Stainless Steel

Plastic

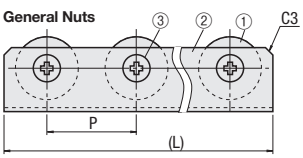
(With Bracket)

Roller Type	Fixing Nut Type	Roller Pitch P=30 No Bracket	Roller Pitch P=30 With Bracket	Roller Pitch P=35 No Bracket	M Material ①Roller	M Material Bearing	M Material ②Frame	M Material ③Screw, Nut	S Surface Treatment ①Roller	S Surface Treatment ②Frame	S Surface Treatment ③Screw, Nut
Milled Roller	General Nut (JIS Type 3)	CRONF	CRONFB	CRON	Steel				Trivalent Chromate / Hard Chrome Plating	Hot Dip Plating*	Trivalent Chromate
		-	-	CROC							
		-	-	CROS	Stainless Steel				-	-	-
		-	-	CROJ	Polyacetal	Steel				Hot Dip Plating*	Trivalent Chromate
		-	-	CROJS		Steel	Stainless Steel			-	-
	U Nut	CRONFU	-	CRONU	Steel				Trivalent Chromate / Hard Chrome Plating	Trivalent Chromate	
		-	-	CROCU							
		-	-	CROSU	Stainless Steel				-	-	-

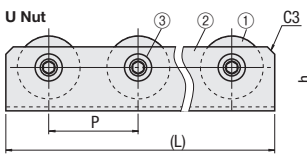
U Nuts have 20 times higher vibration resistance than general nuts, and do not easily come loose.

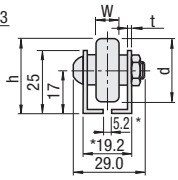
* Hot Dip Plating (Fused Plating of Zinc, Aluminum and Magnesium)

General Nuts



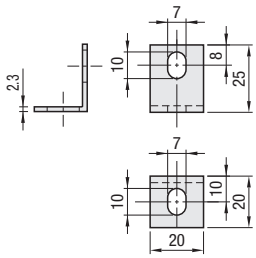
U Nut





* Groove width dimension will be $5.2^{+1.2}_{0}$ (M5 screw applicable).
* Stainless steel frames are 19.0 width.

④Included Brackets (x4 pcs.)
Selectable by Bracket Type and Alterations.
Brackets are steel for CRONFB



Type	h	d	W	t
CRONF, CRONFB, CRON, CROC CRONFU, CRONU, CROCU	29.5	25	9	1.6
CROS, CROSU				1.5
CROJ CROJS	30	26	7	1.6
				1.5

Allowable Load per Wheel

Wheel Material	Allowable Load
Steel, Stainless Steel	30kgf (294N)
Polyacetal	20kgf (196N)

Method for Mounting Brackets

Remove 2 nuts from where the bracket is desired to be mounted, and mount the bracket using the included screws.

Part Number Type	Wheel Qty.	(L) P=30	(L) P=35	Unit Price General Nuts CRONF CRON	General Nuts CROC	General Nuts CROS	General Nuts CROJ	General Nuts CROJS	General Nuts CRONFB	U Nut CRONFU CRONU	U Nut CROCU	U Nut CROSU
	2	(58)	(68)									
	3	(88)	(103)									
	4	(118)	(138)									
	5	(148)	(173)									
	6	(178)	(208)									
	7	(208)	(243)									
	8	(238)	(278)									
	9	(268)	(313)									
	10	(298)	(348)									
	11	(328)	(383)									
	12	(358)	(418)									
	13	(388)	(453)									
	14	(418)	(488)									
	15	(448)	(523)									
	16	(478)	(558)									
	17	(508)	(593)									
	18	(538)	(628)									
	19	(568)	(663)									
	20	(598)	(698)									
	21	(628)	(733)									
	22	(658)	(768)									
	23	(688)	(803)									
	24	(718)	(838)									
	25	(748)	(873)									
	26	(778)	(908)									
	27	(808)	(943)									
	28	(838)	(978)									
	29	(868)	(1013)									
	30	(898)	(1048)									
	31	(928)	(1083)									
	32	(958)	(1118)									
	33	(988)	(1153)									

With General Nuts

CRONF (Steel)
CRON (Steel)
CROC (Steel + Hard Chrome Plating)
CROS (Stainless Steel)
CROJ (Plastic)
CROJS (Plastic Roller, Stainless Steel Frame)
CRONFB (With Steel Brackets)

With U Nuts

CRONFU (Steel)
CRONU (Steel)
CROCU (Steel + Hard Chrome Plating)
CROSU (Stainless Steel)

Ordering Example

Part Number
CROS25
CRONU30

Alterations

Part Number - (BC, BS, CC)
CRON25 - BC

Alterations	Code	Spec.
Mounting Brackets	BC BS	4 Mounting Brackets are included. Ordering Code BC
CC Change C3 to C8	CC	Chamfer frame corners Change dimensions. Ordering Code CC

BS Alterations cannot be done for CRONFB
Only applicable to General Nuts

Replacement Wheels

Corresponding Products	Individual Wheel Part Number
CRONF, CRON, CRONFB, CRONFU, CRONU	HMH25-16
CROS, CROSU	HMHS25-16

For details on Wheel Dimensions, see P.1171