

# Cross Roller Tables

## Counterbored Hole / Tapped Hole Type

### Cross Roller Tables – Counterbored Hole Type



### Cross Roller Tables – Tapped Hole Type



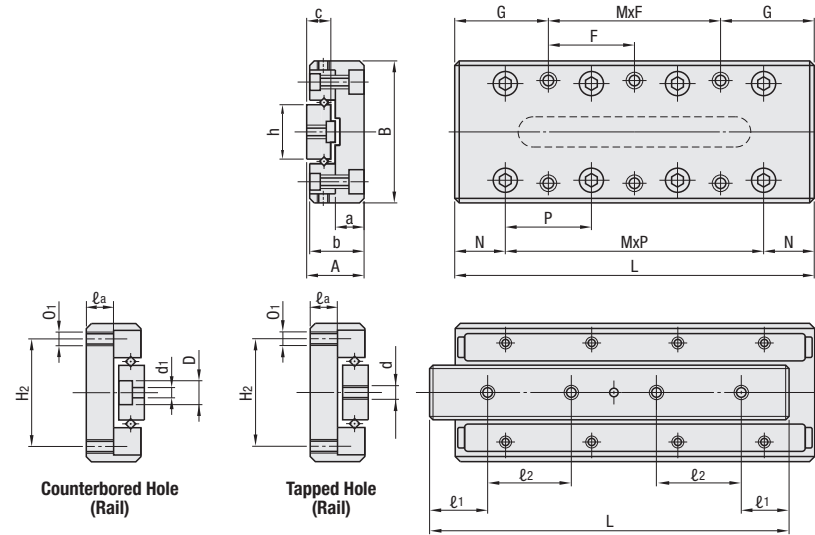
RoHS 10

### Part Number Conversion

Old Part Number	New Part Number
SYTD	<b>CRTD</b>
SYTSD	<b>CRTSD</b>
SYT	<b>CRT</b>
SYTS	<b>CRTS</b>

ⓘ Specifications such as installation dimensions and accuracies are the same as those of products with old part numbers.

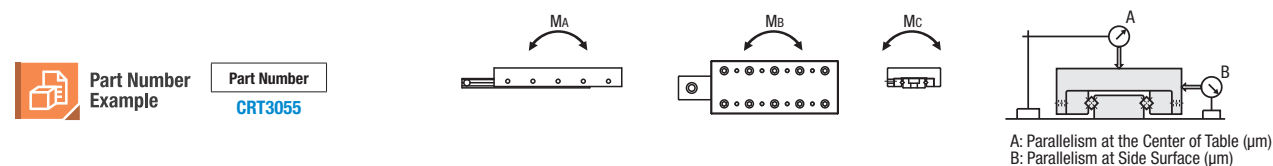
Spec.	Type	Table		Heat Resistant Temperature	Rails
		Material	Surface Treatment		
Counterbored Hole Type	<b>CRTD</b>	1045 Carbon Steel or Equivalent	Black Oxide Coating	-20~110°C	CRV (P.692)
	<b>CRTSD</b>	Stainless Steel Material	—	-20~140°C	CRVS (P.692)
Tapped Hole Type	<b>CRT</b>	1045 Carbon Steel or Equivalent	Black Oxide Coating	-20~110°C	CRV (P.692)
	<b>CRTS</b>	Stainless Steel Material	—	-20~140°C	CRVS (P.692)



Part Number	Outline Dimensions				Table Mounting Hole Dimensions				Table Top Dimensions			Side Dimensions				Rail Mounting Hole Dimensions											
	Type	No.	Stroke (Reciprocating Motion)	H	W	L	G	F	M x F	H <sub>2</sub>	O <sub>1</sub>	ℓ <sub>a</sub>	N	P	M x P	a	b	h	C	d <sub>1</sub>	D	CRTD CRTSD CRT CRTS					
																						ℓ <sub>1</sub>	ℓ <sub>2</sub>	Mounting Hole Qty.	d	ℓ <sub>1</sub>	ℓ <sub>2</sub>
Counterbored Hole Type <b>CRTD</b> <b>CRTSD</b>	<b>1025</b>	12	8±0.1	20±0.1	25	3.5	18	1 x 18	14	M2.6	3	7.5	10	1 x 10	3.5	7.5	4	6.6	2.5	4.1	3.5	—	2	M2.6	5	7.5	3
	<b>1035</b>	18	8±0.1	20±0.1	35	3.5	28	1 x 28	14	M2.6	3	7.5	10	2 x 10	5	—	2	—	—	—	5	—	2	M2.6	7.5	10	3
	<b>1045</b>	25	8±0.1	20±0.1	45	12.5	20	1 x 20	—	—	—	—	—	3 x 10	3.5	6.5	4	—	—	—	3.5	6.5	4	—	—	—	4
	<b>2035</b>	18	12±0.1	30±0.1	35	3.5	28	1 x 28	—	—	—	—	—	1 x 15	5	—	2	—	—	—	5	—	2	—	7.5	20	2
	Tapped Hole Type <b>CRT</b> <b>CRTS</b>	<b>2050</b>	30	12±0.1	30±0.1	50	4.3	1 x 43	22	M3	5	10	15	2 x 15	5.5	11.5 <sup>+1</sup>	6	12	3.5	6	7.5	—	2	M3	10	15	3
		<b>2065</b>	40	12±0.1	30±0.1	65	17.5	30	1 x 30	—	—	—	—	3 x 15	5	11	4	—	—	—	5	11	4	—	10	15	4
*3055	30	16±0.1	40±0.1	55	7.5	40	1 x 40	30	M4	7	15	25	1 x 25	7.5	—	2	—	—	—	7.5	—	2	M4	10	35	2	
	*3080	45	16±0.1	40±0.1	80	7.5	65	1 x 65	—	—	—	—	2 x 25	7.5	15.5 <sup>-2</sup>	8	16	4.5	7.5	6	12.5	4	—	15	25	3	

\*1 Depending on some production lot, the dimension may be 10.5.  
\*2 Depending on some production lot, the dimension may be 14.5.  
\* Number 3055 and 3080 are not available for CRTS.

No.	Allowable Static Moment			Basic Load Rating		Precision	
	M <sub>A</sub> N·m	M <sub>B</sub> N·m	M <sub>C</sub> N·m	C (Dynamic) N	Co (Static) N	Deflection A	Deflection B
<b>1025</b>	1.79	1.79	1.79	465	478	2	4
<b>1035</b>	4.18	4.18	3.59	807	956		
<b>1045</b>	5.38	5.38	4.48	962	1195		
<b>2035</b>	7.04	7.04	7.63	1101	1174		
<b>2050</b>	11.7	11.74	11.4	1521	1761		
<b>2065</b>	16.4	16.4	15.3	1908	2348		
<b>3055</b>	33.8	33.8	35.3	3617	4062		
<b>3080</b>	60.9	60.9	58.9	5409	6770		



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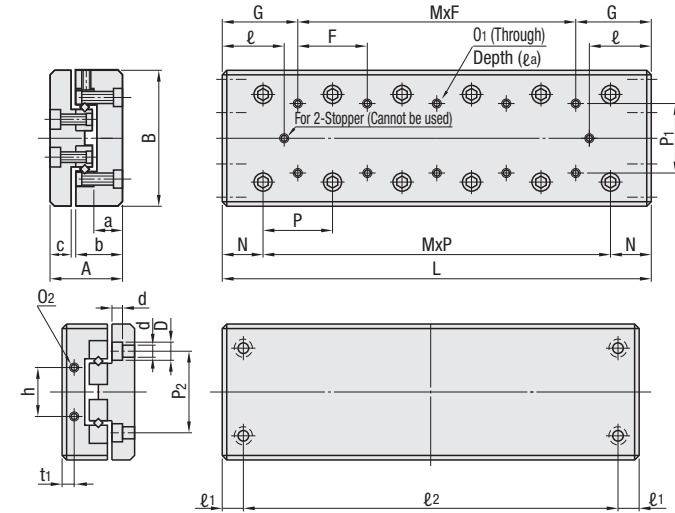
RoHS 10

### Part Number Conversion

Old Part Number	New Part Number
SVT	<b>CRU</b>

ⓘ Specifications such as installation dimensions and accuracies are the same as those of products with old part numbers.

Type	Table		Heat Resistant Temperature	Rails
	Material	Surface Treatment		
<b>CRU</b>	1045 Carbon Steel or Equivalent	Black Oxide Coating	-20~110°C	CRV (P.692)



Part Number	Outline Dimensions				Table Mounting Hole Dimensions				Table Top Dimensions				Side Dimensions				Rail Mounting Hole Dimensions								
	Type	No.	Stroke (Reciprocating Motion)	H	W	L	G	M x F	P <sub>1</sub>	O <sub>1</sub>	ℓ <sub>a</sub>	N	P	M x P	ℓ	a	b	h	C	t <sub>1</sub>	O <sub>2</sub>	P <sub>2</sub>	d	D	ℓ <sub>1</sub>
<b>CRU</b>	<b>1025</b>	12	17±0.1	30 <sup>-0.2</sup> <sub>-0.4</sub>	25	—	1 x 10	10	M2	4	7.5	10	1 x 10	2.5	7	11	5.5	12	2.5	M2	22	2.5	4.5	3.5	18
	<b>1035</b>	18	21±0.1	40 <sup>-0.2</sup> <sub>-0.4</sub>	35	12.5	2 x 10	15	M3	6	10	15	2 x 10	4.5	7	11	5.5	12	2.5	M2	22	2.5	4.5	3.5	28
	<b>1045</b>	25	21±0.1	40 <sup>-0.2</sup> <sub>-0.4</sub>	45	17.5	3 x 10	15	M3	6	10	15	3 x 10	6	7	11	5.5	12	2.5	M2	22	2.5	4.5	3.5	38
	<b>2035</b>	18	28±0.1	60±0.1	35	—	1 x 15	25	M4	8	15	25	1 x 15	3	10.5	18.5	9	40	5.5	M3	40	4.5	8	10	25
	<b>2050</b>	30	28±0.1	60±0.1	50	27.5	2 x 15	25	M4	8	15	25	2 x 15	4.5	10.5	18.5	9	40	5.5	M3	40	4.5	8	10	40
	<b>2065</b>	40	28±0.1	60±0.1	65	—	3 x 15	25	M4	8	15	25	3 x 15	7	10.5	18.5	9	40	5.5	M3	40	4.5	8	10	55
	<b>3055</b>	30	28±0.1	60±0.1	55	27.5	1 x 25	25	M4	8	15	25	1 x 25	5.5	10.5	18.5	9	40	5.5	M3	40	4.5	8	10	35
	<b>3080</b>	45	28±0.1	60±0.1	80	27.5	2 x 25	25	M4	8	15	25	2 x 25	10.5	10.5	18.5	9	40	5.5	M3	40	4.5	8	10	60

kgf=Nx0.101972

No.	Allowable Static Moment			Basic Load Rating		Precision	
	M <sub>A</sub> N·m	M <sub>B</sub> N·m	M <sub>C</sub> N·m	C (Dynamic) N	Co (Static) N	Deflection A	Deflection B
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<b>3080</b>	60.9	60.9	94.8	5409	6770		

