

Part Number		Selection		Ball Screw			W	W ₁	H	H ₁	H ₂	Table				Coupling Application Examples		Part Numbers								
Type	No.	L Base Length	L ₁ Table Length	Type	Diameter	Lead			Height	Guide Height	Shaft Center Height	W	t ₂	W ₁	P ₁ , P ₂	KUAC/KUHC	KUBC/KUTC									
Rolled Ball Screw KUAC KUBC	1204	340	100 150	Rolled	12	4	170	159	65	21	28	170	20	159	<table><tr><td>L₁</td><td>P₁</td><td>P₂</td></tr><tr><td>100</td><td>70</td><td>158</td></tr><tr><td>150</td><td>120</td><td></td></tr></table>	L ₁	P ₁	P ₂	100	70	158	150	120		CPDW25 MCSLC25	CPDW19 MCSLC20
	L ₁			P ₁		P ₂																				
	100			70		158																				
	150			120																						
	Precision			5																						
				10																						
	Precision / Rolled	15	5	74	28	32	22	209	<table><tr><td>L₁</td><td>P₁</td><td>P₂</td></tr><tr><td>100</td><td>70</td><td>158</td></tr><tr><td>150</td><td>120</td><td></td></tr></table>	L ₁	P ₁	P ₂	100	70	158	150	120		CPDW40 MCSLC40	CPDW32 MCSLC32						
L ₁	P ₁		P ₂																							
100	70		158																							
150	120																									
	10																									
	20																									
Precision Ball Screw KUHC KUTC	1204L	520	150 200	Rolled	12	4	220	209	65	21	28	220	20	209	<table><tr><td>L₁</td><td>P₁</td><td>P₂</td></tr><tr><td>150</td><td>120</td><td>208</td></tr><tr><td>200</td><td>170</td><td></td></tr></table>	L ₁	P ₁	P ₂	150	120	208	200	170		CPDW25 MCSLC25	CPDW19 MCSLC20
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	10																									
	20																									

⚠ Cautions are required when CPDW is used for 400W Servo Motors. Motor peak torque may exceed coupling allowable torque.

Part Number		Base				Base Mounting Hole				* Motor Installation Interface (KUAC/KUHC)																																																												
Type	No.	W ₂	H ₄	t ₁	h ₁	P ₃	h	Q		S		P.C.D.	D	D ₁	H ₃	N	N ₁	N ₂	N ₃	d	M ₂	ℓ																																																
Rolled Ball Screw KUAC KUBC	1204	145	42	10	13	75	9.5	<table><tr><td>L</td><td>Q</td></tr><tr><td>W=170</td><td>W=220</td></tr></table>	L	Q	W=170	W=220	<table><tr><td>L</td><td>S</td></tr><tr><td>W=170</td><td>W=220</td></tr></table>	L	S	W=170	W=220	46	30	34	49	37		32	8	M4	8																																											
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1520	49	12	20	11.5	<table><tr><td>340</td><td>6</td><td>6</td></tr><tr><td>400</td><td>6</td><td>8</td></tr><tr><td>460</td><td>8</td><td>8</td></tr><tr><td>520</td><td>8</td><td>10</td></tr><tr><td>580</td><td>10</td><td>10</td></tr><tr><td>640</td><td>10</td><td>12</td></tr><tr><td>700</td><td>12</td><td>12</td></tr><tr><td>760</td><td>12</td><td>14</td></tr><tr><td>820</td><td>14</td><td>14</td></tr></table>	340	6	6	400	6	8	460	8	8	520	8	10	580	10	10	640	10	12	700	12	12	760	12	14	820	14	14	<table><tr><td>340</td><td>50</td><td>50</td></tr><tr><td>400</td><td>80</td><td>20</td></tr><tr><td>460</td><td>50</td><td>50</td></tr><tr><td>520</td><td>80</td><td>20</td></tr><tr><td>580</td><td>50</td><td>50</td></tr><tr><td>640</td><td>80</td><td>20</td></tr><tr><td>700</td><td>50</td><td>50</td></tr><tr><td>760</td><td>80</td><td>20</td></tr><tr><td>820</td><td>50</td><td>50</td></tr></table>	340	50	50	400	80	20	460	50	50	520	80	20	580	50	50	640	80	20	700	50	50	760	80	20	820	50	50	70	50	45	62	45		40	10	M5	10
340	6	6																																																																				
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Precision Ball Screw KUHC KUTC	1204L	195	42	10	13	120	9.5	<table><tr><td>L</td><td>Q</td></tr><tr><td>W=170</td><td>W=220</td></tr></table>	L	Q	W=170	W=220	<table><tr><td>L</td><td>S</td></tr><tr><td>W=170</td><td>W=220</td></tr></table>	L	S	W=170	W=220	46	30	34	49	37	5	32	8	M4	8																																											
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	61		29								70																																																											
	55 (Rolled)		29 (Rolled)																																																																			
	61 (Precision)		29 (Precision)																																																																			



Ordering Part Number - L - L₁
Example KUHC1205 - 340 - 150

Part Number		Unit Price 1 ~ 2 pc(s).							
Type	No.	L=340	L=400	L=460	L=520	L=580	L=640	L=700	L=820
Rolled Ball Screw KUAC KUBC	1204							-	-
	1210							-	-
	1505							-	-
	1510							-	-
	1520							-	-
	1204L							-	-
	1210L							-	-
	1505L							-	-
	1510L							-	-
	1520L							-	-
Precision Ball Screw KUHC KUTC	2005L							-	-
	2010L							-	-
	2020L							-	-
								-	-

Part Number		Unit Price 1 ~ 2 pc(s).							
Type	No.	L=340	L=400	L=460	L=520	L=580	L=640	L=700	L=820
Precision Ball Screw KUHC KUTC	1205							-	-
	1210							-	-
	1505							-	-
	1510							-	-
	1520							-	-
	1205L							-	-
	1210L							-	-
	1505L							-	-
	1510L							-	-
	1520L							-	-
Precision Ball Screw KUHC KUTC	2005L							-	-
	2010L							-	-
	2020L							-	-
								-	-

Servo Motor Application Table

Part Number	Manufacturer	Part Number	Output (W)	Flange
KUAC/KUHC 12□□(L)	Yasukawa Electric Corporation	SGMAH-A3	30	□40
		SGMAH-A5	50	
		SGMAH-01	100	
		HC-MFS053	50	
		HF-MP053	50	
	Sanyo Denki Co., Ltd.	HC-MFS13	100	
		HF-MP13	100	
		R2AA04003F	30	
		R2AA04005F	50	
		R2AA04010F	100	
KUAC/KUHC 15□□(L) KUAC/KUHC 20□□L	Omron Corporation	R88M-W03030	30	□60
		R88M-W05030	50	
		R88M-W10030	100	
		SGMAH-02	200	
		SGMAH-04	400	
	Mitsubishi Electric Corporation	HC-MFS23	200	
		HC-KFS23	200	
		HF-MP23	200	
		HA-KP23	200	
		HC-MFS43	400	
KUAC/KUHC 15□□(L) KUAC/KUHC 20□□L	Sanyo Denki Co., Ltd.	HC-KFS43	400	□60
		HF-MP43	400	
		HA-KP43	400	
		R2AA06020F	200	
		R2AA06040F	400	
	Omron Corporation	R88M-W20030	200	
		R88M-W40030	400	
		SGMAH-02	200	
		SGMAH-04	400	
		HC-MFS23	200	

Accuracy / Static Load Capacity

Part Number		* Positioning Repeatability (mm)	Static Load Capacity (kg)		* Parallelism (mm)		
Type	No.		Horizontal	Vertical			
Rolled Ball Screw KUAC KUBC	1204	±0.03 (Rolled)	1679	138			
	1205						
	1210	±0.05 (Rolled)					
	1505						
	1510	±0.003 (Precision)					
	1520						
	1204L	±0.03 (Rolled)	2897	137		L	Parallelism
	1205L						
	1210L						
	1505L						
1510L	±0.05 (Rolled)						
Precision Ball Screw KUHC KUTC	1520L	±0.003 (Precision)	153	153		340	0.06
	1505					400	0.07
	1505L					460	0.08
	1510					520	0.09
	1520					580	0.10
	2005L					640	0.12
2010L							
2020L		±0.08 (Rolled)	4345	169		700	0.13
		±0.003 (Precision)				760	0.14
		±0.085 (Rolled)				820	0.15
	2020L	±0.003 (Precision)					