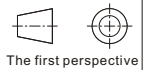
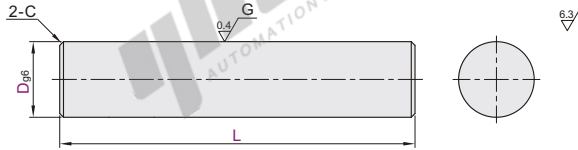


# Linear Shafts

## Standard Straight Type



Code	Type	D Tol.	Material		Hardness	Surface Treatment
			GB	Equiv.		
SAD02	Standard	g6	GCr15	SUJ2	Induction Hardened	Hard Chrome Plating, Plating Hardness HV750-, Plating Thickness More Than 3µm
SAD06			9Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness	SUS440C Or Corrosion-Resistant Steel With Equivalent Hardness	Effective Hardened Depth refer to P19	
SAD07			9Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness	S45C	Quench Hardness GCr15 HRC56~S45C HRC56~	
SAD22			45	S45C	9Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness HRC52~	



Part Number			L	C
Code	D <sub>g6</sub>		1 mm Increment	
SAD02	6	-0.004 -0.012	15~600	0.2Below
	8	-0.005 -0.014	15~800	
	10		15~1000	
	12		20~1000	0.5Below
	13	-0.006 -0.017		
	15		25~1200	
	16		30~1200	
	18		30~1500	1.0Below
	20	-0.007 -0.020		
	25		40~1500	
SAD06	30	-0.009 -0.025	60~1500	
SAD07	35			
SAD22	40			
	50			



Part Number	D	L	C
SAD02	6	15~600	0.2Below
SAD06	8	15~800	0.5Below

SAD02—D6—L100

Optional Processing

Part Number	D	L	Optional Processing Code
SAD02	6	15~600	LC EC( )
SAD06	8	15~800	6C( ) JD( )...

SAD02—D6—L100—SC4



Per	1~4	5~
Price	100%	Additional quotation



Delivery  
4



Code	Spec.																																													
LC	<b>L Dimension Tolerance Change</b>  Ordering Code <b>LC</b> ① 0.1 mm Increment ② When L < 300, L±0.03; When 300 ≤ L < 600, L±0.05; When L ≥ 600, L±0.1.																																													
EC( )	<b>Set Screw Flat at One Location</b>  Ordering Code <b>EC10-K8</b> ① 1 mm Increment <table border="1"> <thead> <tr> <th>D</th> <th>h</th> </tr> </thead> <tbody> <tr> <td>6~18</td> <td>1</td> </tr> <tr> <td>20~40</td> <td>2</td> </tr> <tr> <td>50</td> <td>3</td> </tr> </tbody> </table>	D	h	6~18	1	20~40	2	50	3																																					
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ED( )	<b>Set Screw Flats at Two Locations</b>  Ordering Code <b>ED10-K8-T20</b> ① 1 mm Increment <table border="1"> <thead> <tr> <th>D</th> <th>h</th> </tr> </thead> <tbody> <tr> <td>6~18</td> <td>1</td> </tr> <tr> <td>20~40</td> <td>2</td> </tr> <tr> <td>50</td> <td>3</td> </tr> </tbody> </table>	D	h	6~18	1	20~40	2	50	3																																					
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SC( )	<b>Wrench Flats at One Location</b>  Ordering Code <b>SC5</b> <table border="1"> <thead> <tr> <th>D</th> <th>W</th> <th>V</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>5</td> <td></td> </tr> <tr> <td>8</td> <td>7</td> <td>9</td> </tr> <tr> <td>10</td> <td>8</td> <td></td> </tr> <tr> <td>12</td> <td>10</td> <td></td> </tr> <tr> <td>13</td> <td>11</td> <td></td> </tr> <tr> <td>15</td> <td>13</td> <td></td> </tr> <tr> <td>16</td> <td>14</td> <td>11</td> </tr> <tr> <td>18</td> <td>16</td> <td></td> </tr> <tr> <td>20</td> <td>17</td> <td></td> </tr> <tr> <td>25</td> <td>22</td> <td></td> </tr> <tr> <td>30</td> <td>27</td> <td>16</td> </tr> <tr> <td>35</td> <td>30</td> <td></td> </tr> <tr> <td>40</td> <td>36</td> <td></td> </tr> <tr> <td>50</td> <td>41</td> <td>21</td> </tr> </tbody> </table> ① 1 mm Increment ② Application Notes: D ≥ 5	D	W	V	6	5		8	7	9	10	8		12	10		13	11		15	13		16	14	11	18	16		20	17		25	22		30	27	16	35	30		40	36		50	41	21
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Code	Spec.												
JD( )	<b>Add Keyway at One Location</b>  Ordering Code <b>JD10-J10</b> ① 1 mm Increment ② When JD = 0, see the Above figure. ③ Only applicable to D = 12, 16, 20, 25 and 30. ④ Keyway details refer to P10.												
VD( )	<b>Adds V Groove at One Location</b>  Ordering Code <b>VD8</b> ① 1 mm Increment ② Application Notes: D ≥ 5. <table border="1"> <thead> <tr> <th>D</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>6-8</td> <td>2</td> </tr> <tr> <td>10-18</td> <td>4</td> </tr> <tr> <td>20-25</td> <td>6</td> </tr> <tr> <td>30-35</td> <td>8</td> </tr> <tr> <td>40-50</td> <td>12</td> </tr> </tbody> </table>	D	W	6-8	2	10-18	4	20-25	6	30-35	8	40-50	12
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VE( )	<b>Adds V Grooves at Two Locations</b>  Ordering Code <b>VE180-G8</b> ① 1 mm Increment ② Application Notes: D ≥ 5. <table border="1"> <thead> <tr> <th>D</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>6-8</td> <td>2</td> </tr> <tr> <td>10-18</td> <td>4</td> </tr> <tr> <td>20-25</td> <td>6</td> </tr> <tr> <td>30-35</td> <td>8</td> </tr> <tr> <td>40-50</td> <td>12</td> </tr> </tbody> </table>	D	W	6-8	2	10-18	4	20-25	6	30-35	8	40-50	12
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- ① When selecting two or more optional processing, the distance between the processing areas should be greater than 2 mm.
- ② Optional Processing may reduce hardness.