
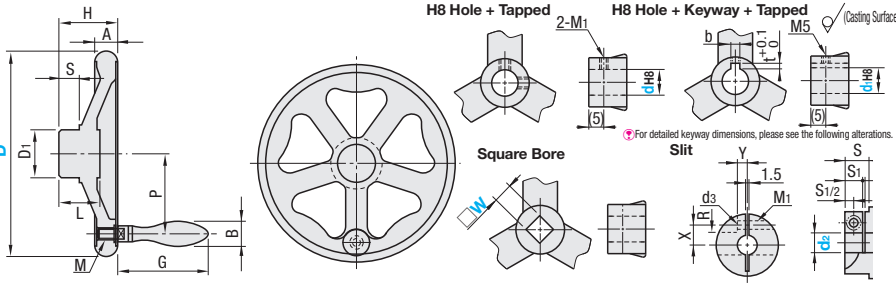


Five Spoked Handwheels



I.D. Shaft Bore Shape	Type			Handwheel		Handle		Handle Thread		Included Screw	
	Stationary Handles	Revolving Handles	Without Handle	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment
No Hole	AHLN	AHLNK	AHLN-R	FC200	Chrome Plating	SS400	Chrome Plating				
H8 Hole + Tapped	AHLNA	AHLNAK	-	AC4B	Shot Blasted	A2024	Shot Blasted				
H8 Hole + Keyway + Tapped	AHLNM	AHLNKM	-								
Square Bore	AHLNKC	AHLNKCK	-	FC200	Chrome Plating	SS400	Chrome Plating	SS400	Chrome Plating		
Slit	AHLNW	AHLNKW	-	AC4B	Shot Blasted	A2024	Shot Blasted			Structural Alloy Steel	Trivalent Chromate
	AHLND	-	-	AC4B	Shot Blasted	A2024	Shot Blasted				
	AHLNF	-	-	FCD500	Chrome Plating	SS400	Chrome Plating				



Part Number	Type	D	H	A	D1	L	M		B	G		P	H8 Hole + Tapped			H8 Hole + Keyway + Tapped			Square Bore	Slit					Hex Socket Head Cap Screw			Reference Mass (g)			
							Steel	Aluminum		Stationary	Revolving		d	M1 (Coarse)	d1	b	t	W Selection		d2	S1	X	Y	R (Radius)	d3	M1 (Coarse)	AHLND Reference Tightening Torque (N·m)	AHLNF Reference Tightening Torque (N·m)	Steel	Aluminum	
No Hole	No Hole, Without Handle	80	36	14	24	24	5	13	38.5	49	28	10	10	3	1.4	10	10	12	10	9	8	8.5	4.5	4	3	3	380	160			
AHLN-R	AHLN-R	100	39	16	30	15						37				5													12	4	1.8
AHLNA	H8 Hole + Tapped	125	40	17	33	28	8	16	48.5	55	46.5	12	12	4	1.8	12	12	12	12	13	8	9.5	5.5	5	6	6	900	345			
AHLNK	AHLNM	140	44	18	35	30																							16	20	62.5
AHLNAK	AHLNKM	160	46	18.5	37	32	8	20	62.5	70.7	62.5	16	16	5	2.3	14	14	14	14	15	10.5	12.5	6.5	6	10	-	-	1400	560		
AHLNKC	AHLNKCK	200	59.5	24	43	41																								19	10
AHLNF	AHLNW	250	65.5	27	48	44	-	-	-	-	-	100	20	20	5	2.3	20	20	20	20	20	20	20	20	20	20	20	20	20	4900	-

* marked items are applicable to Slit Type AHLNF only.

For "H8 Hole + Keyway + Tapped" Type, the size of d1 dim. 20 is not JIS Standard-compliant. If any JIS Standard-compliant size is preferred, specify "No Hole Type + Alteration KC18."

Ordering Example

Part Number: AHLN160
AHLNF80 - 10

D	Unit Price												No Hole, Without Handle						
	No Hole				H8 Hole + Tapped				H8 Hole + Keyway + Tapped					Square Bore				Slit	
	AHLN	AHLNK	AHLNA	AHLNAK	AHLNM	AHLNKM	AHLNKC	AHLNKCK	AHLNW	AHLNKW	AHLND	AHLNF	AHLN-R						
80																			
100																			
125																			
140																			
160																			
200																			
250																			

Alteration: Part Number - (HC, KC, SC)
AHLNAK200 - SC20

Alterations	H8 Hole (Dimension Configurable) + Tapped Hole Machining	H8 Hole (Dimension Configurable) + Keyway + Tapped Hole Machining	Square Bore (Dimensions Configurable)																																																																																																													
	Code	HC	KC	SC																																																																																																												
Spec.	<p>Adds an H8 hole at hub center, and two tapped setscrew holes. HC=1mm Increment [Ordering Code] HC16</p> <table border="1"> <thead> <tr><th>D</th><th>HC (H8)</th><th>h</th><th>HC (H8)</th><th>M (Coarse)</th></tr> </thead> <tbody> <tr><td>80</td><td>10-15</td><td></td><td>10-16</td><td>5</td></tr> <tr><td>100</td><td>10-16</td><td>6</td><td>17-19</td><td>6</td></tr> <tr><td>125</td><td>12-18</td><td></td><td>20-23</td><td>8</td></tr> <tr><td>140</td><td>14-19</td><td></td><td></td><td></td></tr> <tr><td>160</td><td>14-19</td><td>8</td><td></td><td></td></tr> <tr><td>200, 250</td><td>16-23</td><td>10</td><td></td><td></td></tr> </tbody> </table>	D	HC (H8)	h	HC (H8)	M (Coarse)	80	10-15		10-16	5	100	10-16	6	17-19	6	125	12-18		20-23	8	140	14-19				160	14-19	8			200, 250	16-23	10			<p>Adds an H8 hole at hub center, a key groove and its tapped hole. KC = Selectable [Ordering Code] KC15</p> <table border="1"> <thead> <tr><th>D</th><th>KC (H8)</th><th>M</th><th>h</th><th>KC (H8)</th><th>b</th><th>t</th></tr> </thead> <tbody> <tr><td>80</td><td>10, 11, 12</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>100</td><td>10, 11, 12</td><td>6</td><td></td><td>10</td><td>3</td><td>±0.0125 1.4</td></tr> <tr><td>125</td><td>12, 14</td><td>5</td><td></td><td>11, 12</td><td>4</td><td>1.8</td></tr> <tr><td>140</td><td>14, 15, 16</td><td>8</td><td></td><td>14-17</td><td>5</td><td>±0.0150 2.3</td></tr> <tr><td>160</td><td></td><td></td><td></td><td>18</td><td>6</td><td>2.8</td></tr> <tr><td>200, 250</td><td>16, 17, 18</td><td>6</td><td>10</td><td></td><td></td><td></td></tr> </tbody> </table>	D	KC (H8)	M	h	KC (H8)	b	t	80	10, 11, 12						100	10, 11, 12	6		10	3	±0.0125 1.4	125	12, 14	5		11, 12	4	1.8	140	14, 15, 16	8		14-17	5	±0.0150 2.3	160				18	6	2.8	200, 250	16, 17, 18	6	10				<p>Adds a square bore at hub center. SC=1mm Increment [Ordering Code] SC12</p> <table border="1"> <thead> <tr><th>D</th><th>SC</th><th>SC</th><th>Tolerance</th><th>C</th></tr> </thead> <tbody> <tr><td>80, 100</td><td>10-12</td><td></td><td></td><td></td></tr> <tr><td>125</td><td>10-14</td><td></td><td></td><td></td></tr> <tr><td>140, 160</td><td>10-17</td><td></td><td></td><td></td></tr> <tr><td>200, 250</td><td>10-20</td><td>15-20</td><td>+0.1 0</td><td>0.5</td></tr> </tbody> </table>	D	SC	SC	Tolerance	C	80, 100	10-12				125	10-14				140, 160	10-17				200, 250	10-20	15-20	+0.1 0	0.5
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