

Locators (Flat)

One Dowel Hole and One Through Hole Type

Flat

Type	Material	Hardness
UKSFK	EN 1.0038 Equiv.	-
UKNFK	EN 1.1206 Equiv.	-
UKCFK	EN 1.1206 Equiv.	Only End Face Hardened 55HRC-
UKU FK	EN 1.4301 Equiv.	-

Notes:

- Shaded area is hardened.
- Chamfering of the workpiece's receiving surface section is C0.5. For other chamfering, fine chamfering of about C0.3 is used.
- 1 A dowel hole cannot be specified within the W dim. range.

Part Number		L	H	W	A	N	P	K	E
Type	T	1 mm Increments	*1	1 mm Increments	0.01 mm Increments	(Through Hole)	*3	(Dowel Hole)	*3
UKSFK	9		10						
UKNFK	12	25~70	12	13~58	10~100	7	0.1 mm Increment	6	0.1 mm Increment
UKCFK	16		15			9		8	
UKU FK	19		20						
	20								

*1 $H + 1 \leq A$ *2 $10 \leq L - W$ when $A \leq 60$; $12 \leq L - W$ when $A > 60$. *3 The thickness around the hole machining requires 1 mm or more.

Ordering Example: **Part Number** - L - H - W - A - N - P - K - E
 UKSFK12 - L33 - H15 - W17 - A35 - N7 - P7 - K6 - E26

T	A	Unit Price							
		UKSFK				UKNFK			
		L25~L40	L41~L50	L51~L60	L61~L70	L25~L40	L41~L50	L51~L60	L61~L70
9, 12	10 ~ 50								
	50.01~100								
16, 19, 20	10 ~ 50								
	50.01~100								

T	A	Unit Price							
		UKCFK				UKU FK			
		L25~L40	L41~L50	L51~L60	L61~L70	L25~L40	L41~L50	L51~L60	L61~L70
9, 12	10 ~ 50								
	50.01~100								
16, 19, 20	10 ~ 50								
	50.01~100								

Alterations: **Part Number** - L - H - W - A - N(M, Z, ZG) - P - K - E - (ZKC)
 UKSFK12 - L33 - H15 - W17 - A35 - M6 - P7 - K6 - E26 - ZKC

Alterations	Hole Type Change																													
	Tapped Hole	Counterbored Hole	Counterbored Hole (for Spring Washer)																											
Code	M	Z	ZG																											
Spec.	<p>Changes a through hole (N) into a tapped hole. · M6/M8</p> <p>Ordering Code N7 → M6</p>	<p>Changes a through hole (N) into a counterbored hole. · Z6/Z8</p> <p>Applicable to T = 16, 19, or 20 only</p> <table border="1"> <tr><th>Dim.</th><th colspan="2">Screw Nominal Dia.</th></tr> <tr><td>d, h</td><td>6</td><td>8</td></tr> <tr><td>d1</td><td>7</td><td>9</td></tr> <tr><td>d1</td><td>11</td><td>14</td></tr> </table> <p>Ordering Code N9 → Z8</p>	Dim.	Screw Nominal Dia.		d, h	6	8	d1	7	9	d1	11	14	<p>Changes a through hole (N) into a counterbored hole (for spring washer). · ZG6/ZG8</p> <p>Applicable to T = 16, 19, or 20 only</p> <table border="1"> <tr><th>Dim.</th><th colspan="2">Screw Nominal Dia.</th></tr> <tr><td>d</td><td>6</td><td>8</td></tr> <tr><td>d1</td><td>7</td><td>9</td></tr> <tr><td>d1</td><td>11</td><td>14</td></tr> <tr><td>h</td><td>8</td><td>11</td></tr> </table> <p>Ordering Code N9 → ZG8</p>	Dim.	Screw Nominal Dia.		d	6	8	d1	7	9	d1	11	14	h	8	11
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For the alterations above, the thickness around the hole machining requires at least 1 mm.

Alterations	Chamfering	Height Accuracy	Marking (V Groove)
	Code	CA/CB/CC/CD/CT	ZKC
Spec.	<p>Chamfers the receiving surface or the bottom surface. · Chamfering Area: Select the area from CA/CB/CC/CD/CT. · Chamfering Width: Specify 1, 3, 5 or 10.</p> <p>Ordering Code CA5</p>	<p>Changes the A dim. tolerance to ±0.03.</p> <p>Ordering Code ZKC</p>	<p>Adds a V groove marking line on the receiving surface. · V Groove Width 0.5 mm, Depth 0.2 mm · Will be evenly distributed along the length/width of the receiving surface. · Width tolerance is ±0.2 and depth tolerance is ±0.1.</p> <p>Ordering Code VK</p>