

# Parallel Keys

Counterbored / Tapped, Counterbored Hole

**Parallel Keys – Counterbored**

Type	Material	Tensile Strength
KEDZ KESZ KEGZ	1045 Carbon Steel Equivalent	600 N/mm <sup>2</sup> or More
KEDSZ KESSZ KEGSZ	316 Stainless Steel	600 N/mm <sup>2</sup> or More

Part Number		L	H Tolerance	d	d <sub>1</sub>	h	C
Type	B <sub>h9</sub>	5mm Increment					
KEDZ KEDSZ Stainless Steel	8	15-80	7	3.4	6	3.5	0.25-0.40
	10	15-80	8	4.5	7.5	4.5	
KESZ KESSZ Stainless Steel	12	20-80		9	5.5	9.5	5.5
	14	30-90					
KEGZ KEGSZ Stainless Steel	15	30-90	10	6.6	11	6.5	
	16	40-100					
	18	40-110	11				

**Parallel Keys – Tapped, Counterbored Hole**

ⓘ The hole can be used as a mounting hole as well as a tapped hole.

Type	Material	Tensile Strength
KEDY KESY KEGY	1045 Carbon Steel Equivalent	600 N/mm <sup>2</sup> or More
KEDSY KESSY KEGSY	316 Stainless Steel	600 N/mm <sup>2</sup> or More

Part Number		L	H Tolerance	Tapped M (d)	Mounting Screw	d <sub>1</sub>	h	C
Type	B <sub>h9</sub>	5mm Increment						
KEDY KEDSY Stainless Steel	8	15-80	7	M4 (3.5)	M3	6	3.5	0.25-0.40
	10	15-80	8	M5 (4.3)	M4	7.5	4.5	
KESY KESSY Stainless Steel	12	20-80						9
	14	30-90						
KEGY KEGSY Stainless Steel	15	30-90	10					
	16	40-100						
	18	40-110	11					

Part Number Example: **KED28 - L 30**

Part Number Alterations: **KEDY10 - L(LC) 40**

Alteration	Code	Spec.
Full Length	LC	Cuts L dimension within the standard L dimension range.
	LC	LC=1 mm Increment

L	Tolerance
Min.-15	0 -0.18
16-30	0 -0.21
31-50	0 -0.25
51-80	0 -0.30
81-110	0 -0.35

# Parallel Keys

Standard / Stainless Steel

**Parallel Keys – Standard**

Type	Material	Tensile Strength
KET	1045 Carbon Steel or Equivalent	600 N/mm <sup>2</sup> or More

Part Number		Tolerance (h9)	H	H Tolerance	C
Type	B				
KET	3	0 -0.025	3	0 -0.025	0.16 - 0.25
	4	0 -0.030	4	0 -0.030	
	5		5		
	6	6	0.25 - 0.40		
	7	7			
	8	0 -0.036	8	0 -0.036	0.40 - 0.60
	10	0 -0.043			
	12		10		
	14	0 -0.110	11	0 -0.110	
	15		11		
	16				
	18				

Part Number Example: **KET10**

**Parallel Keys – Stainless Steel**

Type	Material	Tensile Strength
KETS	316 Stainless Steel	600 N/mm <sup>2</sup> or More

Part Number		H	C
Type	B		
KETS	2	+0.015 -0.025	0.2
	3		
	4		0.3
	5		
	6		0.5
	7		
	8		
	10		
	12		
	14		

Part Number Example: **KETS8 - H 7**