

# Parallel Keys

With Counterbore / With Tapped Counterbore Hole

**Parallel Keys With Counterbore**

**KEDZ  
KEDSZ** (Stainless Steel)

**KESZ  
KESZS** (Stainless Steel)

**KEGZ  
KEGSZ** (Stainless Steel)

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

Type	Material	Tensile Strength
KEDZ KESZ KEGZ	S45C	600N/mm <sup>2</sup> or More
KEDSZ KESZS KEGSZ	SUS316	

Part Number Type	B <sub>h9</sub>	L 5mm Increment	H Tolerance	d	d <sub>1</sub>	h	C	Unit Price						
								KEDZ	KEDSZ	KESZ	KESZS	KEGZ	KEGSZ	
KEDZ KEDSZ (Stainless Steel)	8	0	15~80	7	3.4	6	3.5	0.25~0.40						
	10	-0.036	15~80	8	4.5	7.5	4.5							
KESZ KESZS (Stainless Steel)	12	0	20~80	9	5.5	9.5	5.5	0.40~0.60						
	14	-0.090	30~90											
KEGZ KEGSZ (Stainless Steel)	15	0	30~90	10	6.6	11	6.5							
	16	-0.043	40~100											
18	0	40~110	11	0										

**Parallel Keys With Tapped Counterbore Hole**

**KEDY  
KEDSY** (Stainless Steel)

**KESY  
KESYS** (Stainless Steel)

**KEYY  
KEYSY** (Stainless Steel)

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

Type	Material	Tensile Strength
KEDY KESY KEYY	S45C	600N/mm <sup>2</sup> or More
KEDSY KESYS KEYSY	SUS316	

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

Part Number Type	B <sub>h9</sub>	L 5mm Increment	H Tolerance	Tapped M (d)	Mounting Screw	d <sub>1</sub>	h	C	Unit Price						
									KEDY	KEDSY	KESY	KESYS	KEYY	KEYSY	
KEDY KEDSY (Stainless Steel)	8	0	15~80	7	M4 (3.5)	M3	6	3.5	0.25~0.40						
	10	-0.036	15~80	8	M5 (4.3)	M4	7.5	4.5	0.40~0.60						
KESY KESYS (Stainless Steel)	12	0	20~80	9						M6 (5.3)	M5	9.5	5.5		
	14	-0.090	30~90												
KEYY KEYSY (Stainless Steel)	15	0	30~90	10											
	16	-0.043	40~100												
18	0	40~110	11	0											

Ordering Example  
Part Number - L  
KEDZ8 - 30  
KEDY10 - 40

Alterations  
Part Number - L(LC)  
KEDZ8 - LC28

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

# Parallel Keys

With Counterbores and Tapped Hole / With Tapped Hole

**Parallel Keys With Counterbores and Tapped Hole**

**KEDW  
KEDSW** (Stainless Steel)

**KESW  
KESWS** (Stainless Steel)

**KEGW  
KEGSW** (Stainless Steel)

L	Tolerance
~50	0 -0.25
51-80	0 -0.30
81-110	0 -0.35

Type	Material	Tensile Strength
KEDW KESW KEGW	S45C	600N/mm <sup>2</sup> or More
KEDSW KESWS KEGSW	SUS316	

Counterbored Hole Pitch = L-(bx2)

Part Number Type	B <sub>h9</sub>	L 5mm Increment	H Tolerance	d	d <sub>1</sub>	h	b	M (Coarse)	C	Unit Price						
										KEDW	KEDSW	KESW	KESWS	KEGW	KEGSW	
KEDW KEDSW (Stainless Steel)	8	0	35~80	7	3.4	6	3.5	8	M3	0.25~0.40						
	10	-0.036	45~80	8	4.5	7.5	4.5	10	M4							
KESW KESWS (Stainless Steel)	12	0	50~80	9	5.5	9.5	5.5	12	M5	0.40~0.60						
	14	-0.090	50~90													
KEGW KEGSW (Stainless Steel)	15	0	50~90	10	6.6	11	6.5	18	M6							
	16	-0.043	60~100													
18	0	60~110	11	0												

**Parallel Keys With Tapped Hole**

**KEDM  
KEDSM** (Stainless Steel)

**KESM  
KESMS** (Stainless Steel)

**KEGM  
KEGSM** (Stainless Steel)

L	Tolerance
~10	0 -0.18
11~15	0 -0.18
16-30	0 -0.21
31-50	0 -0.25
51-80	0 -0.30
81-110	0 -0.35

Type	Material	Tensile Strength
KEDM KESM KEGM	S45C	600N/mm <sup>2</sup> or More
KEDSM KESMS KEGSM	SUS316	

Part Number Type	B <sub>h9</sub>	L 5mm Increment	H Tolerance	M (Coarse)	C	Unit Price							
						KEDM	KEDSM	KESM	KESMS	KEGM	KEGSM		
KEDM KEDSM (Stainless Steel)	5	0	10~50	5	0	M3	0.25~0.40						
	6	-0.030	10~60	6	-0.030								
KESM KESMS (Stainless Steel)	7	0	15~60	7	0	M4	0.40~0.60						
	8	-0.036	15~80										
KEGM KEGSM (Stainless Steel)	10	0	15~80	8	0	M5	0.40~0.60						
	12	-0.090	20~80										
KEDM KEDSM (Stainless Steel)	14	0	30~90	9	0	M6	0.40~0.60						
	15	-0.043	30~90										
KESM KESMS (Stainless Steel)	16	0	40~100	10	0								
	18	-0.110	40~110										

Ordering Example  
Part Number - L  
KEDM5 - 30  
KEDW12 - 80

Alterations  
Part Number - L(LC) - (MPC)  
KEDW8 - LC28  
KEDM5 - 30 - MPC8

Alterations	Code	Spec.
Full Length 	LC	Cuts L dimension within the standard L dimension range. LC=1mm Increment
Tap Position Change 	MPC	Changes the tapped hole position. MPC=1mm Increment With Tapped Hole M≤MPC≤L-M