

Parallel Keys

Parallel Keys
Configurable



KED
KEDS (Stainless Steel)
KEDH (Hardened Type)

KES
KESS (Stainless Steel)
KESH (Hardened Type)

KEG
KEGS (Stainless Steel)
KEGH (Hardened Type)

⚠ Hardened Type has an engraved mark for identification.
B Dimension/H Dimension conform to B 1301-1996 (New JIS Standard).

L	Tolerance	L	Tolerance
~10	0 -0.18	81~120	0 -0.35
11~18	0 -0.18	121~180	0 -0.40
19~30	0 -0.21	181~250	0 -0.46
31~50	0 -0.25	251~300	0 -0.52
51~80	0 -0.30		

Type	Material	Tensile Strength
KED KES KEG	EN 1.1191 Equiv.	600N/mm² or More
KEDS KESS KEGS	EN 1.4401 Equiv.	600N/mm² or More
KEDH KESH KEGH	S45C25~30HRC	700N/mm² or More

Part Number		L											H	C													
Type	Bh9												Tolerance														
KED KES KEG (Stainless Steel) KEDS KESS KEGS	2	0	6	8	10	15	20							2	0	0.16											
	3	-0.025	6	8	10	12	15	16	18	20	25	30		3	-0.025	0.25											
	4	0 -0.030	8	10	12	15	16	18	20	25	30	35	40	45	50	4	0	0.25									
	5		10	12	15	16	18	20	22	25	28	30	32	35	40	45	50	55	60	5	0	-0.030	0.25				
	6		10	12	15	16	18	20	22	25	28	30	32	35	40	45	50	55	60	6	0	-0.030	0.25				
	7	0 -0.036	15	20	22	25	28	30	32	35	40	45	50	60	70	7	0	-0.036	0.40								
	8		10	12	15	16	18	20	22	25	28	30	32	35	40	45	50	55	60	65	70	80	90	8	0	-0.036	0.40
	10		15	16	18	20	25	30	35	40	45	50	55	60	65	70	80	90						9	0	-0.090	0.40
	12	0 -0.043	20	25	30	35	40	45	50	55	60	65	70	80	90	9	0	-0.090	0.40								
	14		30	35	40	45	50	55	60	65	70	80	90											10	0	-0.110	0.60
15	30		35	40	45	50	55	60	70	80	90																
16	40		45	50	55	60	70	80	90	100																	
18		40	45	50	55	60	70	80	90	100	110																

Part Number		L										H		C						
Type	Bh9											Tolerance								
KEDH KESH KEGH (Hardened Type)	4		8	10	12	15	16	20	25	30		4	0	0.16 ± 0.25						
	5	-0.030		10	12	15	16	20	25	26	28	30	32	35	40	45	50	5	-0.030	
	6		10	15	16	20	25	26	28	30	32	35	40	45	50		6		0.25 ± 0.40	
	7			15	20	25	26	28	30	32	35	40	45	50			7	0 -0.036		
	8	0 -0.036		15	20	25	26	28	30	32	35	40	45	50			8	0 -0.090	0.40 ± 0.60	
	10		15	20	25	30	35	40	45	50										
	12	0 -0.043		20	25	30	35	40	45	50										



Ordering Example

Part Number

KESH6

-

30

L

30

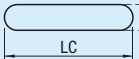
KED, KES, KEG		KEDS, KESS, KEGS		KEDH, KESH, KEGH							
Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate						
1 ~ 3 pc(s)	4~19	20~100	101~400	1 ~ 3 pc(s)	4~19	20~100	101~400	1 ~ 3 pc(s)	4~19	20~100	101~400

2											
3											
4											
5											
6											
7											
8											
10											
12											
14											
15											
16											
18											

Alterations

Full Length

LC

Alteration		Code		Spec.	
				Cuts L dimension in 1mm increment.	
LC		B	LC Range	B	LC Range
		2	5~20	10	15~ 80
		3	6~30	12	20~ 80
		4	8~50	14	25~ 90
		5	8~50	15	25~ 90
		6	10~60	16	35~100
		7	15~60	18	35~110
		8	15~80		

Parallel Keys Configurable



KEDF **KESF** **KEGF**

⚠ If requested items cannot be found in Standard Type (P249), please use Configurable Type.
B Dimension/H Dimension conform to B 1301-1996 (New JIS Standard).

Type	Material	Tensile Strength
KEDF KESF KEGF	EN 1.1191 Equiv.	600N/mm² or More

Part Number		L 1mm Increment	H Tolerance	C	KEDF					KESF					KEGF					
Type	Bh9				Unit Price 1 ~ 19 pcs s	Volume 20~29	Discount 30~49	Rate 50~100	101~400	Unit Price 1 ~ 19 pcs s	Volume 20~29	Discount 30~49	Rate 50~100	101~400	Unit Price 1 ~ 19 pcs s	Volume 20~29	Discount 30~49	Rate 50~100	101~400	
KEDF KESF KEGF	2	0	5~20	2	0	0.16~0.25														
	3	-0.025	21~30	3	-0.025															
			6~30																	
	4	0	31~50	4	0	0.16~0.25														
			6~50																	
			51~60																	
	5	-0.030	8~50	5	0	-0.030														
			51~60																	
			8~60																	
	6	0	61~80	6	0	0.25~0.40														
			10~60																	
			61~100																	
	7	-0.036	10~80	7	0	-0.036														
			81~100																	
			15~80																	
	8	0	81~100	8	0	0.40~0.60														
			15~80																	
			81~150																	
12	-0.090	16~90	9	0	-0.090															
		91~150																		
		18~90																		
14	0	91~150	10	0	0.40~0.60															
		18~90																		
		91~150																		
16	-0.043	20~100	10	0	-0.090															
		101~150																		
		30~110																		
18	0	111~150	11	0	-0.110															

Ordering Example

Part Number - L

KEGF2 - 12

Part Number		L 1mm Increment	H Tolerance	C	KEDF					KESF					KEGF									
Type	Bh9				Unit Price 1 ~ 4 pc(s).	Volume Discount	Rate	Unit Price 1 ~ 4 pc(s).	Volume Discount	Rate	Unit Price 1 ~ 4 pc(s).	Volume Discount	Rate	Unit Price 1 ~ 4 pc(s).	Volume Discount	Rate								
KEDF KESF KEGF	20		40~100	12																				
			101~150																					
			151~200																					
	22	0	40~100	14																				
			101~150																					
			151~200																					
	25	-0.052	40~100	14																				
			101~150																					
			151~200																					
	28	0	201~250	16	0	-0.110																		
			40~100																					
			101~150																					
			151~200																					
			201~250																					
	32	0	251~300	18																				
			40~100																					
			101~150																					
			151~200																					
			201~250																					
		251~300																						

Parallel Keys

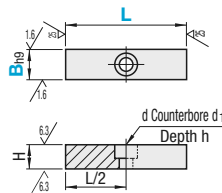
With Counterbore / With Tapped Counterbore Hole

Parallel Keys With Counterbore

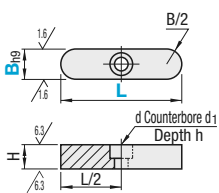


RoHS

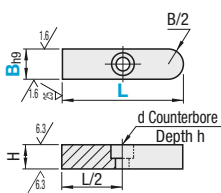
KEDZ KEDSZ (Stainless Steel)



KESZ KESSZ (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	EN 1.1191 Equiv.	600N/mm ² or More
KEDSZ KESSZ KEGSZ	EN 1.4401 Equiv.	

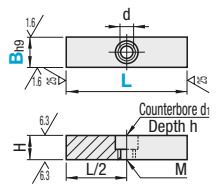
Part Number		L 5mm Increment	H Tolerance	d	d1	h	C	Unit Price					
Type	Bh9							KEDZ	KEDSZ	KESZ	KESSZ	KEGZ	KEGSZ
KEDZ KEDSZ (Stainless Steel)	8	0	15~80	7	3.4	6	3.5	0.25~0.40					
	10	-0.036	15~80	8	4.5	7.5	4.5						
KESZ KESSZ (Stainless Steel)	12	0	20~80	9	5.5	9.5	5.5	0.40~0.60					
	14	-0.043	30~90	10	6.6	11	6.5						
KEGZ KEGSZ (Stainless Steel)	15	0	30~90	11									
	16	-0.043	40~100										
	18		40~110										

Parallel Keys With Tapped Counterbore Hole

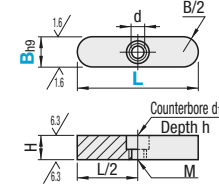


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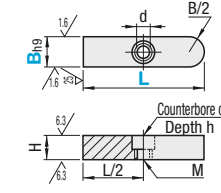
KEDY KEDSY (Stainless Steel)



KESY KESSY (Stainless Steel)



KEGY KEGSY (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 KEGY	EN 1.1191 Equiv.	600N/mm ² or More
KEDSY KESSY KEGSY	EN 1.4401 Equiv.	

Part Number		L 5mm Increment	H Tolerance	Tapped M (d)	Mounting Screw	d1	h	C	Unit Price					
Type	Bh9								KEDY	KEDSY	KESY	KESSY	KEGY	KEGSY
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						
KESY KESSY (Stainless Steel)	12	0	20~80	9	M6 (5.3)	M5	9.5	5.5	0.40~0.60					
	14	-0.043	30~90	10										
KEGY KEGSY (Stainless Steel)	15	0	30~90	11										
	16	-0.043	40~100											
	18		40~110											

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

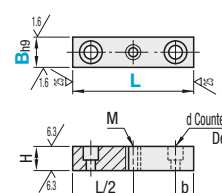
With Counterbores and Tapped Hole / With Tapped Hole

Parallel Keys With Counterbores and Tapped Hole

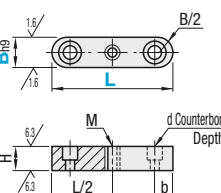


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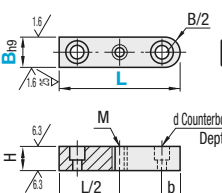
KEDW KEDSW (Stainless Steel)



KESW KESSW (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	EN 1.1191 Equiv.	600N/mm ² or More
KEDSW KESSW KEGSW	EN 1.4401 Equiv.	

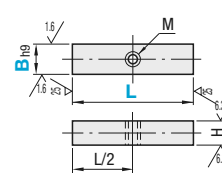
Part Number		L 5mm Increment	H Tolerance	d	d1	h	b	M (Coarse)	C	Unit Price					
Type	Bh9									KEDW	KEDSW	KESW	KESSW	KEGW	KEGSW
KEDW KEDSW (Stainless Steel)	8	0	35~80	7	3.4	6	3.5	M3	0.25~0.40						
	10	-0.036	45~80	8	4.5	7.5	4.5	M4							
KESW KESSW (Stainless Steel)	12	0	50~80	9	5.5	9.5	5.5	M5	0.40~0.60						
	14	-0.043	50~90	10	6.6	11	6.5	M6							
KEGW KEGSW (Stainless Steel)	15	0	50~90	11											
	16	-0.043	60~100												
	18		60~110												

Parallel Keys With Tapped Hole

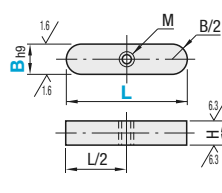


RoHS

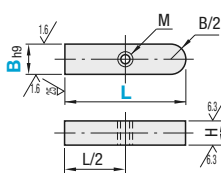
KEDM KEDSM (Stainless Steel)



KESM KESSM (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	EN 1.1191 Equiv.	600N/mm ² or More
KEDSM KESSM KEGSM	EN 1.4401 Equiv.	

Part Number		L 5mm Increment	H Tolerance	M (Coarse)	C	Unit Price					
Type	Bh9					KEDM	KEDSM	KESM	KESSM	KEGM	KEGSM
KEDM KEDSM (Stainless Steel)	5	0	10~50	5	0						
	6	-0.030	10~60	6	-0.030						
KESM KESSM (Stainless Steel)	7	0	15~60	7	0						
	8	-0.036	15~80	8	-0.036						
KEGM KEGSM (Stainless Steel)	10	0	15~80	9	0						
	12	-0.043	20~80	10	-0.043						
	14	0	30~90	11	0						
	15	-0.043	30~90	12	-0.043						
	16	0	40~100	13	0						
	18	-0.043	40~110	14	-0.043						

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