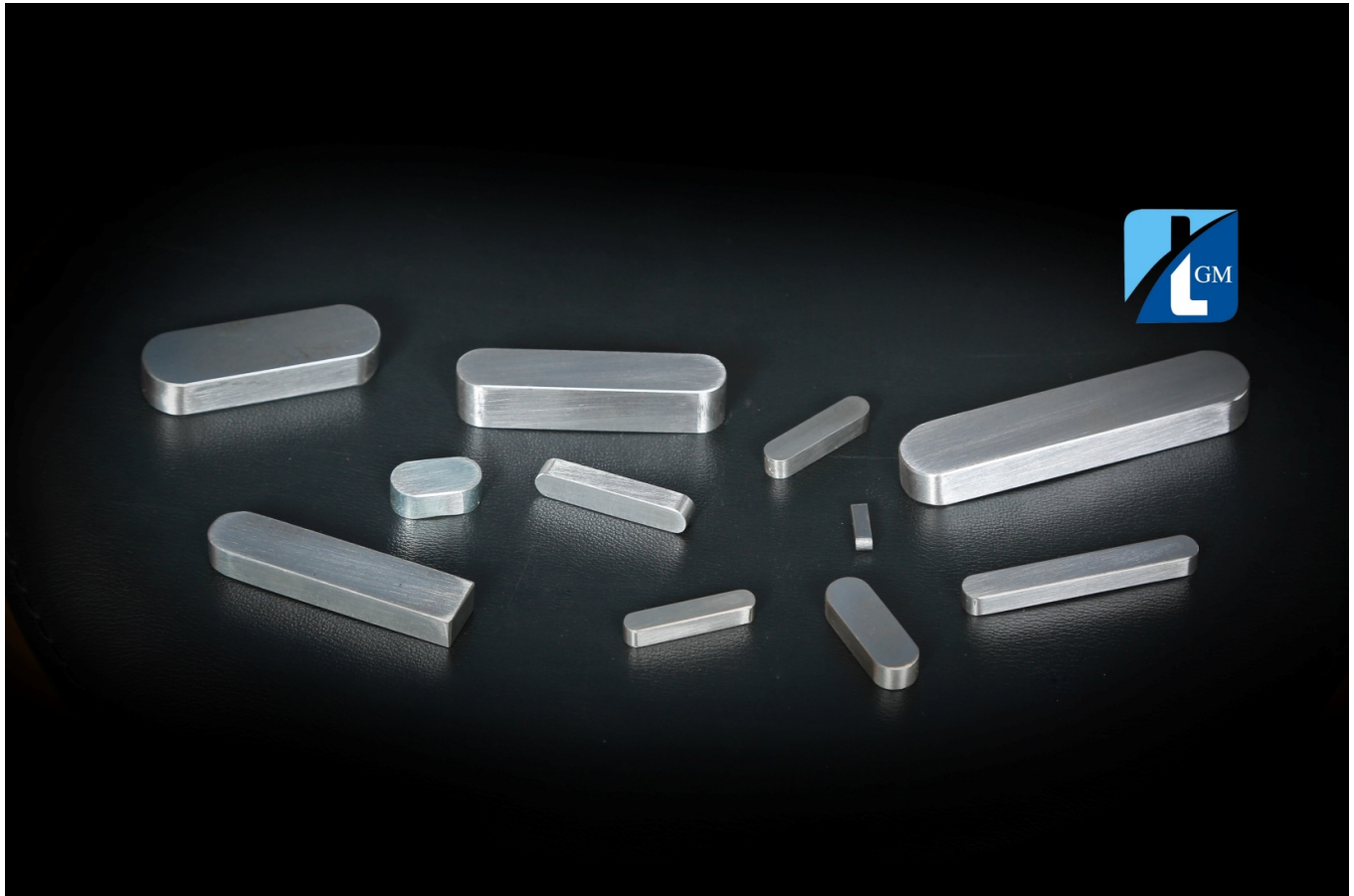




# TGM INTERNATIONAL

KEYS - Driver of Transmission



*Manufacturer of Industrial keys*

**Key Flat (Steel)**

**Parallel Keys**

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**TGM INTERNATIONAL**

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## Industrial Keys

TGM , manufacturing low-cost machine keys with best quality and dependability. Our machine key prices are reasonable compare other sellers.

Machine keys, also known as shaft keys, fasten shafts to gears, pulleys, couplings, wheels and similar parts. There are different types of machine keys. Parallel keys are rectangular, with their ends either square (DIN-6885-A standard), rounded (DIN-6885B standard), or square and rounded (DIN-6885-AB standard). Machine key stock lets you make your own machine keys, sawing these longer pieces into whatever size keys you need.

Our machine keys are made with SC45 carbon steel, Customer requirement alloy steel, Grade of stainless steel, Aluminum. Special tapping, drilling and heat treatment services are also available upon request. If you require a machine key size, type, or metal, please send us your desired machine key specifications with a drawing/diagram if possible and we will get back to you with a quote. Parallel keys are stocked in C45k key steel having a minimum tensile strength of 60Kg/mm<sup>2</sup> and stainless steel grade A4.

### Key Steel/Flat

#### Technical Information

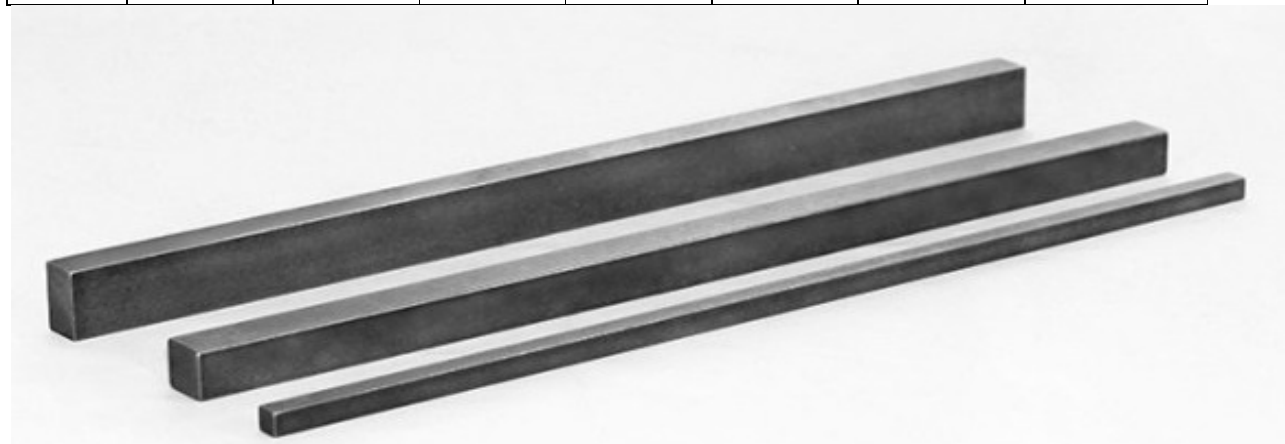
Key words: **Key Flat or Key steel**

Manufacturing Standards: **DIN6880-Key stock**

Type/Tolerance: **Square & Rectangle / h9-h11**

Available Length: **300 mm, 500 mm, 1000 mm**

Key Steel Size							
2x2 mm	8x6 mm	12x6 mm	16x16 mm	19x19 mm	24x14 mm	40x22 mm	7/16"x7/16"
3x3 mm	9x9 mm	14x14 mm	16x14 mm	20x20 mm	24x15 mm	45x25 mm	1/2"x1/2"
4x4 mm	10x10 mm	14x12 mm	16x12 mm	20x16 mm	25x25 mm	50x28 mm	5/8"x5/8"
5x5 mm	10x8 mm	14x10 mm	16x10 mm	20x14 mm	25x18 mm	1/8"x1/8"	3/4"x3/4"
6x6 mm	10x6 mm	14x9 mm	18x18 mm	20x12 mm	25x14 mm	3/16"x3/16"	1"x1"
7x7 mm	12x12 mm	14x8 mm	18x14 mm	22x22 mm	28x16 mm	1/4"x1/4"	1.1/4"X1.1/4"
8x8mm	12x10 mm	15x15 mm	18x12 mm	22x16 mm	32x18 mm	5/16"x5/16"	
8x7 mm	12x8 mm	15x10 mm	18x11 mm	22x14 mm	36x20 mm	3/8"x3/8"	



**Material :** St37/C45k /EN8/EN 24 /Stainless Steel/Tool Steel/Special Alloy steel/ Titanium alloys /Duplex etc....

## Parallel Keys or Feather Keys

### Technical Information

Material: St37/C45k /EN8/EN 24 /Stainless Steel/Tool Steel/Special Alloy steel/ Titanium alloys /Duplex etc....

Manufacturing Standards: DIN 6885 / ISO 2491 / BS 4235/ BS 46 / IS 2048/IS 6167/JIS B1301

Type/Tolerance: A-B-C-D-E-F-AB-AS / h9-h11

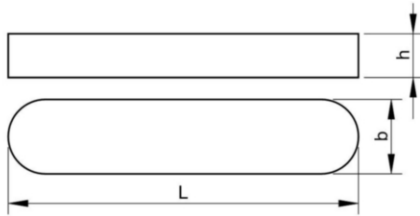
To Specify: State the standards and type, width, height, length and material (E.g DIN 6885A 10X8X30 C45K)

<i>b</i>		<i>h</i>		<i>s</i>		Range of Key Length	
Basic	Tolerance	Basic	Tolerance	Min.	Max.	Min.	Max.
2	0- 0.025	2	0- 0.025	0.16	0.25	6	20
3		3		0.16	0.25	6	36
4		4		0.16	0.25	8	45
5	-0.03	3	0- 0.030	0.25	0.4	10	56
5		5		0.25	0.4	10	56
6		4		0.25	0.4	14	70
6		6		0.25	0.4	14	70
8	0- 0.036	5	0- 0.036	0.25	0.4	18	90
8		7		0.25	0.4	18	90
10		6		0.4	0.6	22	110
10		8		0.4	0.6	22	110
12	0- 0.043	6	0- 0.090	0.4	0.6	28	140
12		8		0.4	0.6	28	140
14		6		0.4	0.6	36	160
14		9		0.4	0.6	36	160
16		7		0.4	0.6	45	180
16		10		0.4	0.6	45	180
18		7		0.4	0.6	50	200
18		11		0.4	0.6	50	200
20	0- 0.052	8	0- 0.110	0.6	0.8	56	220
20		12		0.6	0.8	56	220
22		9		0.6	0.8	63	250
22		14		0.6	0.8	63	250
25		9		0.6	0.8	70	280
25		14		0.6	0.8	70	280
28	0- 0.062	10	-0.13	0.6	0.8	80	320
28		16		0.6	0.8	80	320
32		11		0.6	0.8	90	360
32		18		0.6	0.8	90	360
36		12		1	1.2	100	400
36		20		1	1.2	100	400
40	0- 0.074	22	0- 0.160	1	1.2	110	400
45		25		1	1.2	125	400
50		28		1	1.2	140	400
56		32		1.6	2	160	400
63	0- 0.087	32	0- 0.160	1.6	2	180	400
70		36		1.6	2	200	400
80		40		2.5	3	220	400
90	0- 0.087	45	0- 0.160	2.5	3	250	400
100		50		2.5	3	280	400

## Parallel Keys or Feather Keys



### KEY Order



E.g: A 10X8X30 mm /Material: EN8/C45K

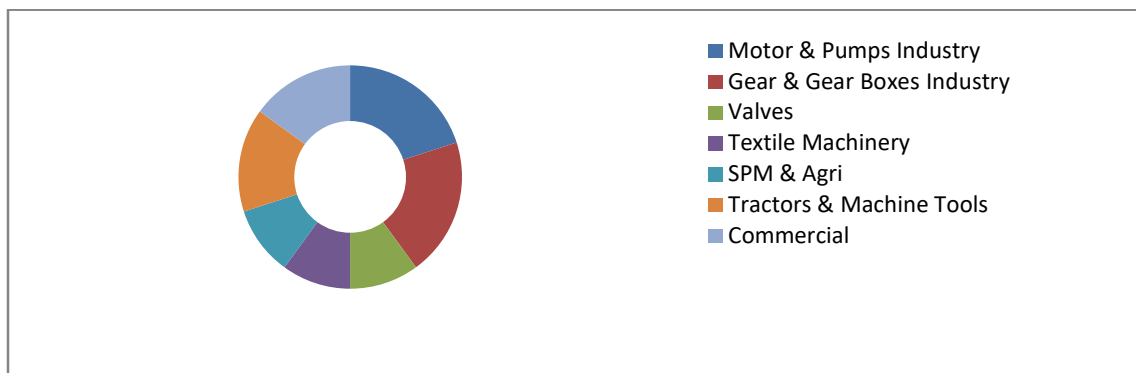
### Our Material & Quality Strength

- ✓ Chemical & Mechanical properties maintained as per standard (or) Customer Specification
- ✓ Each item supply with test certificate
- ✓ Key steel & keys supply without No cracks & Damages
- ✓ Dimension Accuracy as per standards

### Application Sectors

- ✓ Motor & Pumps Industry
- ✓ Gear & Gear Boxes Industry
- ✓ Power Transmission & Valves
- ✓ Automobile Industry
- ✓ Tractors & Machine Tools
- ✓ Textile Machinery
- ✓ SPM Manufacturers & Agriculture.....etc

### Our Customers



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