KEY STEEL

<u>DIN No:</u> 1652 C 45 K

SSS

BRIGHT FLAT BAR

Werkstoff No: 1.0402 ST 37 K

C	Si	Mn	S	P	
0.55	0.35	0.65	0.06	0.06	

С	Si	Mn 1.0	S	P
0.25	0.35	1.0	0.06	0.06

Features and Uses

Saben Key Steel is imported from Europe in the form of bright finished rod produced from hot rolled bar by means of rolling and drawing. The high carbon content of the key steel means that it can be hardened. As supplied however, the steel is machinable. On hardening and tempering a hardness of up to Rockwell C55 can be obtained.

Features and Uses

Sanderson Bright Drawn Flat Bar is also imported and is manufactured utilizing the same method as key steel.

However, unlike key steel, the lower carbon content of this product allows it to be welded.

It can only be hardened by case hardening the surface up to Rockwell C 60/62

Tolearnces according to DIN 6880

Lengths approx 3-4 metre

Tolerances according to DIN 174

Lengths 3 - 4 metre

BRIGHT MILD STEEL SIZES

mm	16	20	25	30	40	45	50	60	70	80	100	150	200	250
3	•	•	•		•									
5	•	•	•	•	•									
6		•	•	•	•		•	•		•	•			
8		•	•	•	•		•	•		•	•			
10		•	•	•	•		•	•	•	•	•	•		
12	•		•	•	•		•	•		•	•			
16			•	•	•	•	•	•		•	•	•		
20		•	•	•	•		•	•		•	•	•	•	•
25			•	•	•		•		•		•	•	•	•
30				•			•	•		•	•			
40					•		•	•	•	•	•			
45						•								
50									•		•			
SQ	6	8	10	12	15	16	20	22	25	30	35	40	45	50

KEY STEEL SIZES

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mm	4	5	6	7	8	9	10	11	12	14	16	18	20	22	25	30	40
4	•																
5		•															
6		•	•														
8		•		•	•												
10			•		•		•		•								
12					•		•		•								
14						•				•							
16							•				•						
18								•				•					
20									•				•				
22										•	•			•			
25										•	•		•		•		•
30																•	
40																	•