

Parallel shaft - Metric Dimensions

Ø [mm]	key [mm]	Code
12	4	C00
15	5	C01
16	4	C02
16	5	C03
17	5	C04
18	6	C05
20	5	C06
19	5	C07
30	10	C08
20	6	C09
16	5	C10
15	4	C11
22	6	D00
24	6	D01
25	8	D02
30	8	D03
32	10	D04
35	10	D05
40	12	D06
45	14	D07
50	14	D08
70	20	D09
22	8	D10
52	16	D20
8	3	E00
10	3	E01
22	5	E02
32	8	E03
35	8	E04
82	22	E05
25	7	E06
63	18	E07
9	3	M00
11	4	M01
14	5	M02
19	6	M03
24	8	M04
28	8	M05
38	10	M06
42	12	M07
48	14	M08
55	16	M09
60	18	M10
65	18	M11
75	20	M12
80	22	M13
90	25	M14
95	25	M15
100	28	M16
110	28	M17
85	22	M18

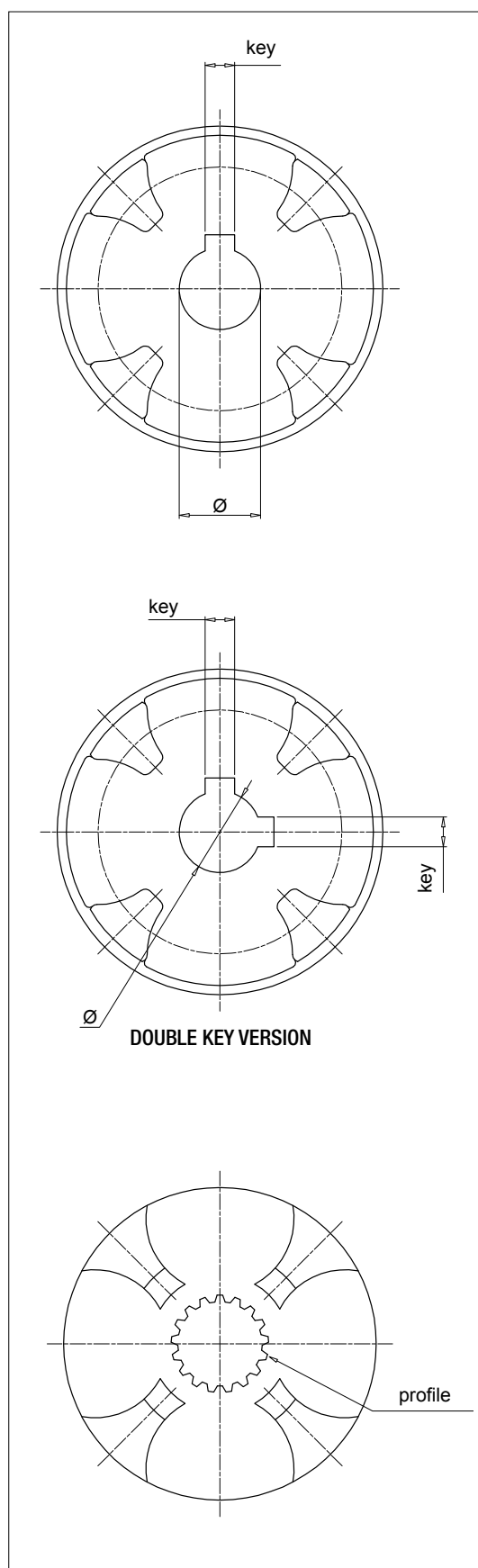
Parallel shaft - Imperial Dimensions

Ø [inch]	Ø [mm]	key [inch]	key [mm]	Code
7/16"	11.11	1/8"	3.18	G00
3/4"	19.05	3/16"	4.76	G01
7/8"	22.22	3/16"	4.76	G02
7/8"	22.22	1/4"	6.35	G03
1"	25.4	3/16"	4.76	G04
1"	25.40	1/4"	6.35	G05
1 1/4"	31.75	1/4"	6.35	G06
1 1/4"	31.75	5/16"	7.94	G07
1 3/8"	34.94	5/16"	7.94	G08
1 1/2"	38.1	3/8"	9.52	G09
1 5/8"	41.27	3/8"	9.52	H00
1 3/4"	44.45	7/16"	11.11	H01
2"	50.8	1/2"	12.7	H02
2 11/32"	53.94	1/2"	12.7	H03
3/4"	19.02	1/8"	3.17	H04
1"	25.4	3/16"	4.76	H05
5/8"	15.87	3/16"	4.76	H06
17/32"	13.45	1/8"	3.18	H07
11/16"	17.46	3/16"	4.76	H08
1/2"	12.7	1/8"	3.18	H09
5/8"	15.87	5/32"	3.97	L00
7/8"	22.22	5/32"	4	L01
11/8"	28.58	1/4"	6.35	L02
3/4"	19.05	1/4"	6.35	L03
1 7/8"	47.63	1/2"	12.7	L04
3 3/8"	85.73	7/8"	22.23	L05
2 3/8"	60.33	5/8"	15.88	L06
2 3/8"	60.33	1/2"	12.7	L07
2 7/8"	73.03	3/4"	19.05	L08
3 5/8"	92.07	7/8"	22.22	L09
1 5/8"	41.6	15/32"	12	L10
1 1/8"	28.58	5/16"	7.94	L15

Parallel shaft - Double Key

Ø [mm]	key [mm]	Code
16.00	4.00	C02***2H
	5.00	
20.00	5.00	C06***2M
	6.00	
19.00	5.00	C07***2L
	6.00	
24.00	6.00	D01***2N
	8.00	
30.00	8.00	D03***2P
	10.00	
22.22	4.76	G02***2E
	6.35	
25.40	6.35	G04***2F
	4.76	
31.75	6.35	G06***2G
	7.94	

*** = coupling length



SGEG-SGEA-SGES-SGEK

Designation & Ordering code

PUMP HALF-COUPLING FOR PARALLEL SHAFT

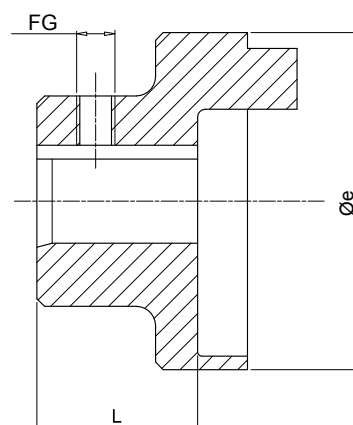
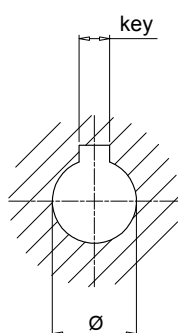
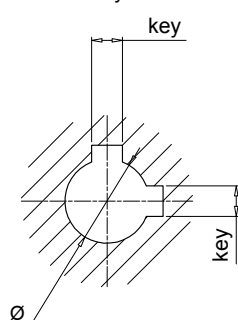
Pump half-coupling	Configuration example: SGE A 21 G02 050 2E					
SGE						
Series and material						
A	Aluminium					
G	Cast Iron					
S	Steel					
K	Aluminium / Cast Iron - Reduced length					
						
Size	SGEG	SGEA	SGES	SGEK		
	01	01	01	01		
	30	21	30	21		
	40	31	40	31		
	60	51	60	51		
	80		80	40		
	90		90	60		
				80		
Pump shaft code						
G02	See page 18					
Length						
050	See pages 26 ÷ 30					
Double key way (available combinations only)						
2E	See page 18 (parallel shaft - double key)					

PUMP HALF-COUPLING FOR SPLINED SHAFT

Pump half-coupling	Configuration example: SGE G 40 PD02 050				
SGE					
Series and material					
G	Cast Iron				
S	Steel				
K	Cast Iron - Reduced length				
					
Size	SGEG	SGES	SGEK		
	01	01	01		
	30	30	21		
	40	40	31		
	60	60	51		
	80	80	40		
	90	90	60		
			80		
Pump shaft code					
PD02	See pages 19				
Length					
050	See pages 28 ÷ 30				

Dimensions

Double key version



Notes:

- Screw not included
- Double key version pump side only

Motor half-coupling

IEC - Electric motors Motor size	Shaft end [Ø x L]	Half-coupling code	Dimensions [mm]					Weight [kg]
			Øe	L	Ø	key	FG	
63	11x23	SGEA01M01019	44.0	21	11	4	M5	0.07
71	14x30	SGEA01M02028	44.0	28	14	5	M5	0.08
80	19x40	SGEA01M03040	44.0	40	19	6	M5	0.12
		SGEA21M03040	70.0	40	19	6	M6	0.30
90	24x50	SGEA01M04048	44.0	48	24	8	M5	0.13
		SGEA21M04048	70.0	48	24	8	M6	0.28
100 - 112	28x60	SGEA21M05060	70.0	60	28	8	M6	0.33
		SGEA31M05060	85.0	60	28	8	M8	0.48
132	38x80	SGEA21M06080	70.0	80	38	10	M6	0.44
		SGEA31M06077	85.0	77	38	10	M8	0.78
		SGEA51M06077	109.5	77	38	10	M8	1.60
160	42x110	SGEA51M07109	109.5	109	42	12	M8	1.60
180	48x110	SGEA51M08109	109.5	109	48	14	M8	1.60
200	55x110	SGEA51M09109	109.5	109	55	16	M8	1.90

Pump half-couplings

Half-coupling code	Dimensions [mm]					Standard lengths [mm]										FG
	Ø min	Ø max	Øe	L min	L max	17	23	30	40	44	48	-	-	-	-	
SGEA01 *** **	11	19	44.0	17	50	17	23	30	40	44	48	-	-	-	-	M5
SGEA21 *** **	15	24	70.0	23	50	35	40	42	44	48	50	-	-	-	-	M6
SGEA21 *** **	25	28	70.0	40	60	40	42	44	48	50	55	58	60	-	-	M6
SGEA31 *** **	18	32	85.0	40	60	42	45	48	50	52	55	58	60	-	-	M8
SGEA31 *** **	38	42	85.0	60	80	60	65	70	77	80	-	-	-	-	-	M8
SGEA51 *** **	18	40	109.5	40	70	42	45	48	50	52	55	58	60	65	70	M8
SGEA51 *** **	38	55	109.5	70	109	70	75	80	85	90	95	100	105	109	-	M8

Complete the half-coupling code with the shaft's code and length

Example: **SGEA51D02040**

D02 - see page 18

040 - table "pump half-coupling - standard lengths"