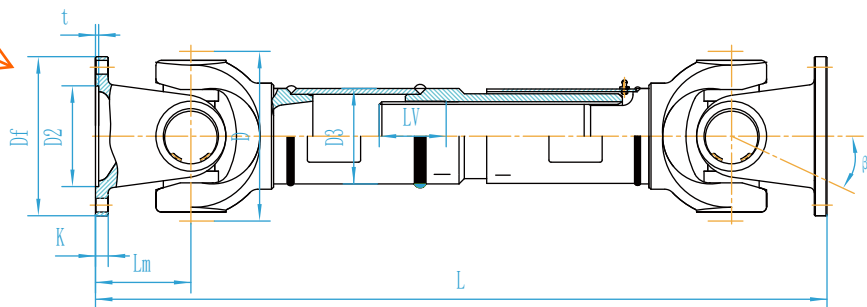
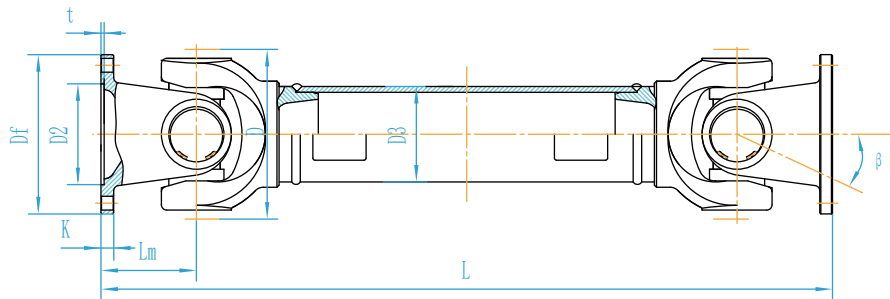


SWC-I Series —Light Duty Designs

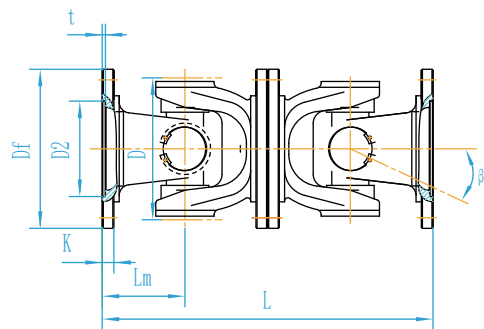
Type A- welded shaft design with length compensation



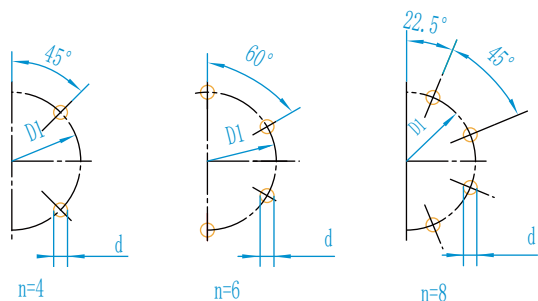
Type B- welded shaft design without length compensation



Type C-Short flanged design without length compensation



Flange bolthole patterns



TYPE		SWC-I 58	SWC-I 65	SWC-I 75	SWC-I 90	SWC-I 100	SWC-I 120	SWC-I 150	SWC-I 180	SWC-I 200	SWC-I 225
A	L	225	285	335	385	445	500	590	640	775	860
	Lv	35	40	40	45	55	80	80	80	100	120
	m(kg)	2	3	5	6.6	9.5	17	32	40	76	128
B	L	150	175	200	240	260	295	370	430	530	600
	m(kg)	1.7	2.4	3.8	5.7	7.7	13.1	23	28	55	98
C	L	128	156	180	208	220	252	340	348	440	480
	m(kg)	1.3	1.95	3.1	5	7	12.3	22	30	56	96
Tn(N*m)		180	240	500	800	1200	2300	4500	8400	16000	22000
Tf(N*m)		90	120	250	400	600	1150	2250	4200	8000	11000
β(°)		35	35	35	35	35	35	35	25	25	25
D		52	63	72	92	100	112	142	154	187	204
Df		58	65	75	90	100	120	150	180	200	225
D1		47	52	62	74.5	84	101.5	130	155.5	170	196
D2(H9)		30	35	42	47	57	75	90	110	125	140
D3x δ		38*1.5	45*1.5	63.5*2.5	63.5*2.5	89*2.5	89*2.5	120*3	120*3	127*5.5	140*6.5
Lm		32	39	45	52	55	63	85	87	110	120
K		3.5	4.5	5.5	6	8	8	10	12	14	15
t		1.5	1.7	2	2.5	2.5	2.5	3	4	4	5
n		4	4	6	4	6	8	8	8	8	8
d		5.1	6.5	6.5	8.5	8.5	10.5	13	15	17	17
mL(kg)		0.14	0.16	0.38	0.38	0.53	0.53	0.87	0.87	1.65	2.14
Flange bolt	size	M5	M6	M6	M8	M8	M10	M12	M14	M16	M16
	Tightening torque	7	13	13	32	32	64	110	180	270	270

Data and sizes of SWC-I cardan shaft

1. Notations:
L = Standard length, or compressed length for designs with length compensation
Lv = Length compensation;
m = Weight;
Tn = Nominal torque;
Tf = Fatigue torque, i.e. permissible torque as determined according to the fatigue strength under reversing loads;
β= Maximum deflection angle;
δ= Thickness of the tube;
mL= weight per 100mm tube.
2. Millimeters are used as measurement units except where noted;
3. Please consult us for customizations regarding length, length compensation and flange connections.(DIN or SAE etc.)