

OPTI torque multiple/single position clutch

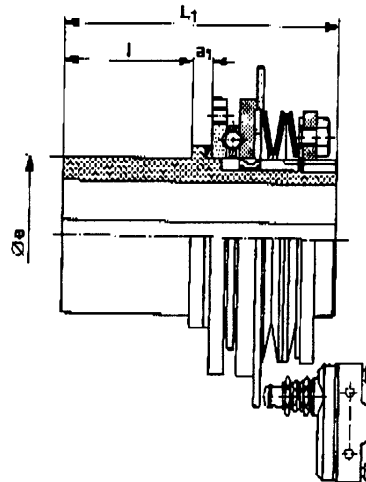
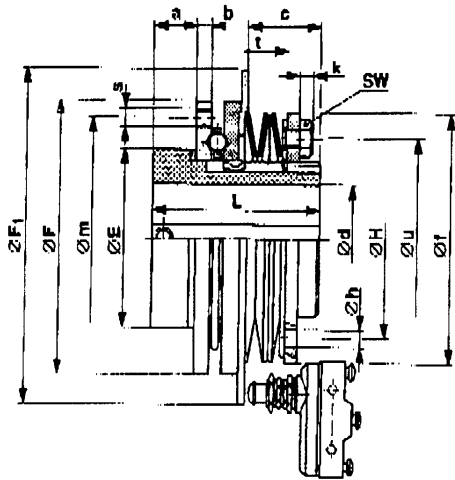


Type 460_1_0

OPTI torque with standard hub

Type 460_1_1

OPTI torque with extended hub



all other dimensions same as type 460_..._0

please notice that all threads for set screws as shown above are provided only when ordered finish bored

Technical Data and Dimensions

size	dlm,	torque ranges							max. speed rpm
		multiple position clutch				single position clutch			
		type 46 - 410.-	type 46 - 510.-	type 46 - 610.-	type 46 - 710.-	type 46 - 415.-	type 46 - 515.-	type 46 - 615.-	
0	lbf x in Nm	26 - 53 3 - 6	53 - 106 6 - 12	106 - 221 12 - 25	221 - 354 25 - 40	53 - 106 6 - 12	106 - 221 12 - 25	221 - 354 25 - 40	500
1	lbf x in Nm	53 - 106 6 - 12	106 - 221 12 - 25	221 - 442 25 - 50	442 - 708 50 - 80	106 - 221 12 - 25	221 - 442 25 - 50	442 - 708 50 - 80	500
2	lbf x in Nm	142 - 265 16 - 30	265 - 531 30 - 60	531 - 1062 60 - 120	1062 - 1770 120 - 200	265 - 531 30 - 60	531 - 1062 60 - 120	1062 - 1770 120 - 200	500
3	lbf x in Nm	265 - 531 30 - 60	531 - 1062 60 - 120	1062 - 1770 120 - 200	1770 - 2655 200 - 300	531 - 1062 60 - 120	1062 - 1770 120 - 200	1770 - 2655 200 - 300	500
4	lbf x in Nm	354 - 796 40 - 90	796 - 1770 90 - 200	1770 - 3363 200 - 380	3363 - 5753 380 - 650	442 - 1328 50 - 150	1328 - 3098 150 - 350	3098 - 5753 350 - 650	500

size	dlm.	stroke of output flange and limit switch plate t		a	s1	b	type 46-...-10- c	type 46-...-15- c	d min	d max	d1 min	d1 max
		multiple position clutch	single position clutch									
0	in mm	0.047 1,2	0.047 1,2	0.452 11,5	0.157 4	0.197 5	0.854 21,7	0.834 21,2	0.375 9	0.8125 20	0.437 11	1.187 30
1	in mm	0.079 2,0	0.059 1,5	0.649 16,5	0.177 4,5	0.236 6	0.846 21,5	0.838 21,3	0.4375 12	1 25	0.5 12	1.625 42
2	in mm	0.090 2,3	0.075 1,9	0.649 16,5	0.216 5,5	0.236 6	1.075 27,3	1.083 27,5	0.5625 15	1.375 35	0.625 15	1.625 42
3	in mm	0.102 2,6	0.087 2,2	0.866 22	0.275 7	0.275 7	1.330 33,8	1.327 33,7	0.75 20	1.75 45	0.75 20	2.312 60
4	in mm	0.102 2,6	0.087 2,2	0.866 22	0.551 14	0.314 8	1.575 40	1.650 41,9	1 25	2.0625 56	1 25	2.312 60