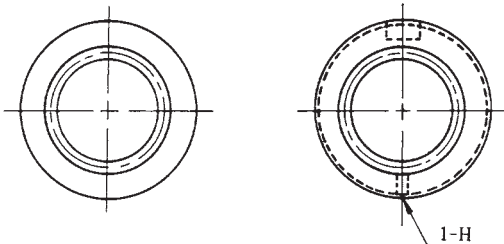


YAMADA

TRAPEZOIDAL LEAD SCREW

TMS



Technical Data

Model	Diameter	Nut Major Dimensions (mm)										
		Pitch	D	L	R	b	ℓ	h	H	W	R0	t
TMS TMSE TMSS TMSP	10	2	20	20	1	4	14	2	1.5	2.5	1.8	0.5
	12	2	22	22	1	4	16	2	1.5	2.5	1.8	0.5
	14	3	22	22	1	4	16	2	1.5	2.5	1.8	0.5
	16	3	28	26	1	5	18	2.5	1.5	2.5	1.8	0.5
	18	4	32	31	1.5	7	22	2.5	2	3	2.5	0.5
	20	4	32	31	1.5	7	22	2.5	2	3	2.5	0.5
	22	5	36	40	1.5	7	26	2.5	2.5	3.5	2.5	0.7
	25	5	36	40	1.5	7	26	2.5	2.5	3.5	2.5	0.7
	28	5	44	45	2	10	32	4	2.5	3.5	2.5	0.7
	32	6	44	45	2	10	32	4	2.5	3.5	2.5	0.7
	36	6	52	49	2	12	40	4.5	3	4	3.2	0.7
	40	6	58	57	2	12	42	5	3	4	3.2	0.7

Model	Nut Material	Thread	Shaft Material
TMS	Copper Alloy	R : Right Thread L : Left Thread	E:S45C S: Stainless Steel
TMSE	S45C		
TMSS	Stainless Steel		
TMSP	Polyacetal Resin		

Order Example -

TMS

(Model)

-

10

(Diameter)

-

R

(Thread)

X

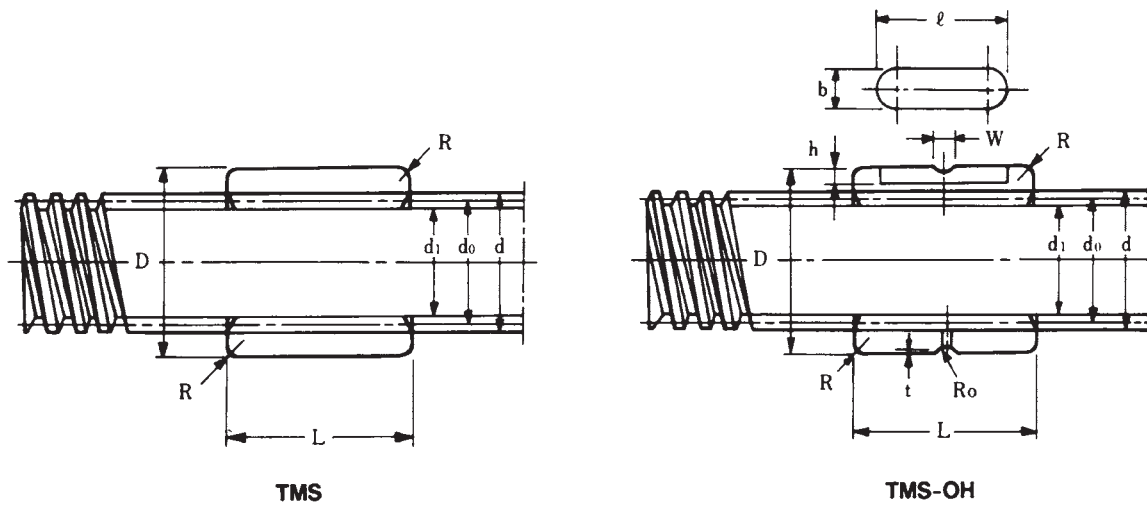
1700

(Screw Length)

-

E

(Shaft Material)



Fa (kgf)	Weight (kgf)	Screw Shaft Model	Screw Shaft Major Dimensions				
			d	d0	d1	α	Weight (kgf/m)
102	0.04	TM10	10	9	7.5	4°03'	0.6
137	0.05	TM12	12	11	9.5	3°19'	0.8
163	0.05	TM14	14	12.5	10.5	4°22'	1.0
230	0.10	TM16	16	14.5	12.5	3°46'	1.3
315	0.16	TM18	18	16	13.5	4°33'	1.6
354	0.15	TM20	20	18	15.5	4°03'	2.0
457	0.24	TM22	22	19.5	16.5	4°40'	2.3
525	0.21	TM25	25	22.5	19.5	4°03'	3.1
678	0.39	TM28	28	25.5	22.5	3°34'	4.0
781	0.32	TM32	32	29	25.5	3°46'	5.2
982	0.53	TM36	36	33	29.5	3°19'	6.7
1297	0.72	TM40	40	37	33.5	2°57'	8.4