

TBU

SWIVEL GRIPPER SCREWS



TBU-S 12025 - 16050
(Serrated, Steel Ball)



TBU-S 20030 - 24080
(Serrated, Steel Tip)



TBU-F 12025 - 16050
(Plain, Steel Ball)



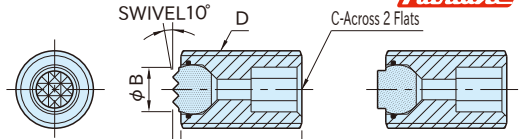
TBU-F 20030 - 24080
(Plain, Steel Tip)



TBU-E 12025 - 16050
(Plain, Plastic Ball)



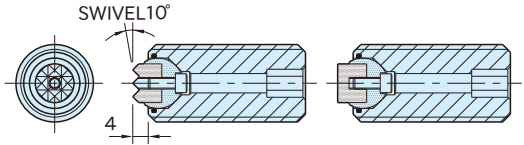
TBU-E 20030 - 24080
(Plain, Plastic Tip)



TBU-S 12025 - 16050
(Serrated, Steel Ball)

TBU-F 12025 - 16050
(Plain, Steel Ball)

TBU-E 12025 - 16050
(Plain, Plastic Ball)



TBU-S 20030 - 24080
(Serrated, Steel Tip)

TBU-F 20030 - 24080
(Plain, Steel Tip)

TBU-E 20030 - 24080
(Plain, Plastic Tip)

Type	Body	Ball	Tip
TBU-S 12025-16050 TBU-F 12025-16050	Steel (SKH51) Quenched and tempered Black oxide finish Heat treated to Rc60	Steel (SKH51) Quenched and tempered Black oxide finish Heat treated to Rc60	
TBU-E 12025-16050		Polyacetal plastic White	
TBU-S 20030-24080	Steel (SCM440) Quenched and tempered Black oxide finish Heat treated to Rc45	Stainless steel (SUS440)	Steel (SKH51) Quenched and tempered Black oxide finish Heat treated to Rc62
TBU-F 20030-24080			Steel (SNM220) Carburized-hardened Black oxide finish Heat treated to Rc60
TBU-E 20030-24080			Polyacetal plastic White

Serrated (Steel)		Plain (Steel)		Plain (Plastic)		A	B	C	D	Load Capacity (N)
Part Number	Weight(g)	Part Number	Weight(g)	Part Number	Weight(g)					
TBU-12025-S	13	TBU-12025-F	13	TBU-12025-E	12	25	6	6	M12X1.75	5.300
TBU-12035-S	19	TBU-12035-F	19	TBU-12035-E	18	35				
TBU-12050-S	28	TBU-12050-F	28	TBU-12050-E	27	50				
TBU-16025-S	26	TBU-16025-F	26	TBU-16025-E	25	25	8.5	8	M16X2	10.900
TBU-16035-S	39	TBU-16035-F	39	TBU-16035-E	38	35				
TBU-16050-S	58	TBU-16050-F	58	TBU-16050-E	57	50	10	10	M20X2.5	18.400
TBU-20030-S	57	TBU-20030-F	57	TBU-20030-E	53	30				
TBU-20050-S	90	TBU-20050-F	90	TBU-20050-E	86	50				
TBU-20070-S	123	TBU-20070-F	123	TBU-20070-E	119	70	12	10	M24X3	24.500
TBU-24040-S	113	TBU-24040-F	113	TBU-24040-E	107	40				
TBU-24080-S	210	TBU-24080-F	210	TBU-24080-E	204	80				