



MTA4207 Shaft Mounted Accessories

MTA4207 C-Face Reducer Weights with adapter (lbs)

Adapter size								
Reducer	180	210	250	280	280TSC	320	360	320TSC & 360TSC
Weight (lbs)	270	275	280	300	300	—	—	320

MTA4207H Accessories

Description	Part Number	Weight lbs.
TA4207RA Rod Assembly	904109	10.6
TA5215BS Backstop Assembly use for MTA4207	905102	8.3
TA4-TA12 Vertical Breather Kit	904112	3.0
Filter Breather	430049	0.2
V-ring Seal Kit	904249	0.2
TA4-TA9 Hydra-Lock Dessicant Breather Kit	964364	0.8

(2) See page G1-130 for input shaft speed necessary for backstop sprag lift-off

Bushing & Safety End Covers

Reducer Size	Metal End Cover Part Numbers			
	Closed	Weight	Split	Weight
MTA4207H	904114	1.2	904115	1.0
Reducer Size	ABS End Cover Part Numbers			
	Closed	Weight	Split	Weight
MTA4207H	454500	1.2	454501	1.0

End covers fit both the outside and inside of MTA reducer.

TA4207H Tapered Bushing Kits (5) (6)

Bushing Size Required Standard Shaft Bushing Kit	Part Number (7)	Weight lbs.	Shaft Keyseat (9) (10)
TA4207TB x 2-11/16	904020	9.4	5/8 x 5/16 x 8.93
TA4207TB x 2-1/2	904021	10.6	5/8 x 5/16 x 8.93
TA4207TB x 2-7/16 ▲	904022	10.8	5/8 x 5/16 x 8.93
TA4207TB x 2-3/8	904023	11.3	5/8 x 5/16 x 8.93
TA4207TB x 2-1/4	904024	11.5	1/2 x 1/4 x 8.93
TA4207TB x 2-3/16	904025	11.8	1/2 x 1/4 x 8.93
TA4207TB x 2-1/8	904026	12.2	1/2 x 1/4 x 8.93
TA4207TB x 2	904027	12.6	1/2 x 1/4 x 8.93
TA4207TB x 1-15/16	904028	13.0	1/2 x 1/4 x 8.93

TA4207H Tapered Short Shaft Bushing Kits (5) (6)

Bushing Size Required Short Shaft Bushing Kit	Part Number (8)	Weight lbs.	Shaft Keyseat (9) (10)
TA4207TBS x 2-7/16	904032	11.3	5/8 x 5/16 x 5.65
TA4207TBS x 2-3/8	904033	11.8	5/8 x 5/16 x 5.65
TA4207TBS x 2-1/4	904034	12.4	1/2 x 1/4 x 5.65
TA4207TBS x 2-3/16	904035	10.8	1/2 x 1/4 x 5.65
TA4207TBS x 2-1/8	904036	13.3	1/2 x 1/4 x 5.65
TA4207TBS x 2	904037	13.9	1/2 x 1/4 x 5.65
TA4207TBS x 1-15/16	904038	14.3	1/2 x 1/4 x 5.65

▲ AGMA maximum bore size

(5) Bushing kit required to mount TA II reducer to driven shaft

(6) Bushing kit is not required to mount TA II reducer on SCS Drive Shaft in a screw conveyor application

(7) Standard Shaft Bushing Kit includes two standard bushings with back-up plates and snap rings; hardware, and key

(8) Short Shaft Bushing Kit includes one standard bushing, one long bushing with insertable wedge; two back-up plates with snap rings; hardware and key. This is an optional bushing for after market, short shaft mounting.

(9) Minimum keyseat and shaft length required to mount reducer with bushing kit

(10) Always check the driven shaft and key for strength



Accessories

MTA uses standard TA II accessories

Bushings – Standard Twin Taper



Short Shaft Twin Taper



Bushing Covers



ABS Polymer

Backstop

MTA Reducers require a larger size TA II Backstop as noted in accessory pages



Screw Conveyor Adapter with adjustable packing kit



Screw Conveyor Driveshaft



Tie Rod

