

Camrail® Freight Car Fasteners

Product line for freight car applications



Camrail® bolts are designed and manufactured for freight car assembly. Featuring the TORX® Drive System, Camrail bolts provide a solid, secure fastened joint.

Specifications

- Sizes: 5/8" to 7/8"
- Head Styles: Truss, flat, pan, high oval and oval
- Drive Systems: TORX® and AudiTORX® Drive
- Material: Alloy steel
- Heat treat: Through hardened
- Finish: Cam Coat® lubricant

Features & Benefits

- Applications: Wear plates; bearing retainer keys; carrier plates; corner caps; side bearings; and center plates
- Grade 8 bolts for high ultimate tensile strength
- Eases installation
- Cam Coat lubricant reduces installation torque and controls clamp

Thread Size	Length	Part Number	Drive System	Head Style	Qty/Ctn	Approx. Wt./Ctn
5/8" Diameter						
5/8-11	1-3/4"	788-54490-945	External TORX	AudiTORX Truss	160	44
3/4" Diameter						
3/4-10	2"	788-74250-945	External TORX	AudiTORX Truss	100	37
3/4-10	2-1/4"	788-74260-945	External TORX	AudiTORX Truss	100	40
3/4-10	2-3/8"	788-74050-945	TORX	Flat	160	44
3/4-10	2-3/8"	788-74090-945	External TORX	AudiTORX Flat	120	42
3/4-10	2-5/8"	788-74240-945	External TORX	AudiTORX Flat	100	37
3/4-10	2-5/8"	788-74230-945	TORX	Flat	125	41
3/4-10	2-3/4"	788-74200-945	External TORX	AudiTORX Truss	90	40
3/4-10	3"	788-74540-945	TORX	Flat	120	42
3/4-10	3-1/4"	788-54500-945	TORX	Flat	110	41
3/4-10	3-1/4"	788-74210-135	External TORX	AudiTORX Flat	80	43
3/4-10	3-3/4"	788-74060-945	TORX	Flat	100	43
3/4-10	3-3/4"	788-74210-945	External TORX	AudiTORX Flat	80	38
3/4-10	4-1/2"	788-74170-945	TORX	Flat	75	39
7/8" Diameter						
7/8-9	2-1/2"	774-20100-100	External TORX	AudiTORX Pan	60	39
7/8-9	3"	774-20100-120	External TORX	AudiTORX Pan	50	40
7/8-9	3-1/4"	724-20100-130	TORX	Pan	60	41
7/8-9	3-1/4"	794-20100-130	External TORX	AudiTORX Dome	60	43
7/8-9	3-1/2"	774-20156-140	External TORX	AudiTORX Pan	50	41
7/8-9	3-1/2"	734-20156-140	External TORX	AudiTORX Oval	60	40
7/8-9	3-1/2"	734-20156-141	External TORX	AudiTORX High Oval	60	41
7/8-9	3-1/2"	714-20156-140	TORX	Oval	70	40
7/8-9	3-1/2"	784-20156-140	External TORX	AudiTORX Flat	60	38



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Thread Size	Length	Part Number	Drive System	Head Style	Qty/Ctn	Approx. Wt./Ctn
7/8-9	4"	774-20156-160	External TORX	AudiTORX Pan	45	40
7/8-9	4"	724-20156-160	External TORX	AudiTORX Oval	50	36
7/8-9	4"	714-20156-160	TORX	Oval	70	46
7/8-9	4"	724-20156-160	TORX	Pan	50	41
7/8-9	4"	784-20156-160	External TORX	AudiTORX Flat	60	42
7/8-9	4-1/2"	714-20156-180	TORX	Oval	60	42
7/8-9	4-1/2"	774-20156-180	External TORX	AudiTORX Pan	40	39

Camrail® Lock Nuts

Thread Size	Description	Part Number	Qty./Ctn.	Approx. Wt./Ctn.
3/4" Diameter				
3/4-10	TORX Flange Lock Nut	778-74110-000	300	40
7/8" Diameter				
7/8-9	TORX Flange Lock Nut	754-00000-031	200	37
3/4" Diameter				
3/4-10	Modified TORX Flange Lock Nut	788-74120-000	300	40

Camrail® Tooling

Description	Part Number	For Use With:
3/4" Square Drive		
3/4" Square Drive	TX-7118	Bolts having E-18 AudiTORX Drive
3/4" Square Drive	TX-7120	Bolts having E-20 AudiTORX Drive
3/4" Square Drive	TXG-120	Bolts having E-20 AudiTORX Drive
3/4" Square Drive	TX-7132	3/4" TORX Flanged Lock Nut
3/4" Square Drive Adaptor	RP-720	TX-70 TORX Bit
3/4" Square Drive Adaptor	RP-728	TX-90 TORX Bit
1" Square Drive		
1" Square Drive	TX-8120	1" Track Bolts having E-20 AudiTORX Drive
1" Square Drive	TX-8122	1-1/8" Track/Frog Bolts having E-22 AudiTORX Drive
1" Square Drive	TX-8128	1-3/8" Track/Frog Bolts having E-28 AudiTORX Drive
1" Square Drive	TX-8136	7/8" TORX Flanged Lock Nut
1" Square Drive Adaptor	RP-820L	TX-70 TORX Bit
1" Square Drive Adaptor	RP-828	TX-90 TORX Bit
TORX® Bit		
TX-70 TORX Bit	TX-70 TORX Bit	3/4" Bolts and Timber Screws with T-70 Recess
TX-90 TORX Bit	TX-90 TORX Bit	7/8" Bolts and Timber Screws with T-90 Recess

