

Rolaar supply state of the art Towbars and Towheads for both narrow and wide body Aircraft & Helicopters. All Towbars offer you total commonality of all running gear and hydraulics as well as Towhead interchangeability for handling the wide range of aircraft sharing at today's airport ramps.



All of our Towbars and Towhead equipment comply with the current SAE specifications for ground support equipment as follows:

- General Requirements for Aerospace G.S.E. ARP 1247B
- Minimum Safety Requirements for Special Purpose G.S.E. AIR 1375
- Aerospace Recommended Practice ARP 1915
- Commercial aircraft Towbar attach interface AS 1614

**For enquiries and quotations**  
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# AirCraft Towbars and Shearpins

## Narrow Body Towbar and Towhead Assemblies

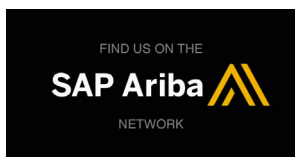
LISTING	DESCRIPTION
PSE 190	NARROW BODY TOWBAR ASSEMBLY FOR INTERCHANGEABLE HEADS
PSE 191	B727 TOWHEAD ASSEMBLY
PSE 192	B737 TOWHEAD ASSEMBLY
PSE 193	A320 TOWHEAD ASSEMBLY

The narrow body Towbar utilizes a pair (2) precision-machined Shearpins to limit the torque and towloads that can be imposed upon the aircraft landing gear. These Shearpins are designed for easy, fast replacement. The following part numbers should be referred to when ordering replacement Shearpins.

PART NUMBER	AIRBUS AIRCRAFT	PART NUMBER	BOEING AIRCRAFT
PSE 193-10-1	A319	PSE 192-10-1	B 727
PSE 193-10-2	A320	PSE 192-10-2	B 737

## Wide Body Towbar and Towhead Assemblies

LISTING	DESCRIPTION
PSE 170	WIDE BODY TOWBAR ASSEMBLY FOR INTERCHANGEABLE HEADS
PSE 171	PSE 171 B747 TOWHEAD ASSEMBLY
PSE 172	SE 172 UNIVERSAL TOWHEAD FOR B767, B777, DC11, MD11, L1011
PSE 173	B757 TOWHEAD ASSEMBLY
PSE 174	A310 TOWHEAD ASSEMBLY
PSE 176	A330 / A340 TOWHEAD ASSEMBLY
PSE 178	A300 TOWHEAD ASSEMBLY





# AirCraft Towbars and Shearpins

## Torque and Tow Limiting Shearpins

The wide body Towbar utilizes a precision-machined Shearpin for torque and tow limit protection of the aircraft nose landing gear. The Shearpin is designed for easy, replacement. The following part numbers should be referenced when ordering replacement Shearpins.

PART NUMBER	AIRBUS AIRCRAFT	PART NUMBER	BOEING AIRCRAFT
PSE 178-12-1	A300	PSE 171-14-1	B 747
PSE 174-12-1	A310	PSE 173-12-1	B 757
PSE 176-12-1	A330	PSE 172-12-1	B 767
PSE 176-12-1	A340	PSE 172-12-2	B 777
PSE 172-12-5	L1011	PSE 172-12-3	DC 10
		PSE 172-12-4	MD 11

We can also supply Towbars for Regional Jets, as well as manufacturing to Special Orders.

## C130 Hercules Towhead Assembly

LISTING	DESCRIPTION
PSE 195	C130 TOWHEAD ASSEMBLY

## Regional Aircraft Towbar Configuration

This Lightweight Aircraft Towbar has been designed to supplement our Commercial or Heavy Aircraft Towbars that are also available.

This Towbar has fewer working parts, no hydraulic assist wheel raising mechanism. The Towbar is lightweight and can be easily moved around the ramp areas using the raised pick-up handle. An extended wheel assembly is available for aircrafts with a high latch point.

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