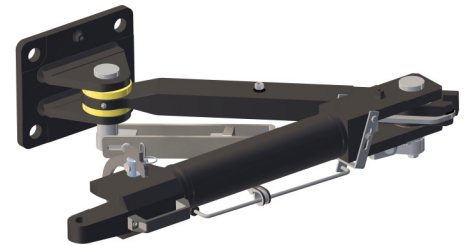


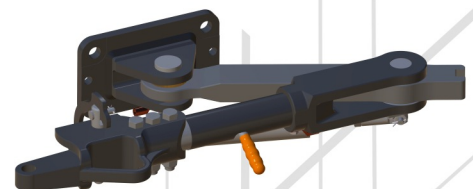
ALBERT COUPLERS

Albert couplers can be used as operational or emergency couplers for trams and light rail vehicles. Operational couplers can be used for daily vehicle service on tram and/or LRV lines, where there is a need for a safe, cost effective and simple connection. Emergency couplers are used for towing a faulty vehicle. They are often used as couplers in working service trams.

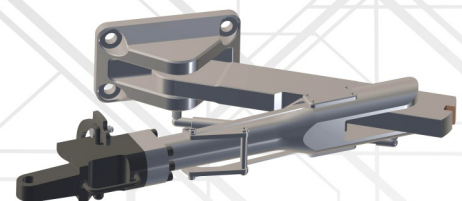
High strength solution	SPT family
Robust design for application where high mechanical strength is required. Coupler length can be adjusted to customer needs. Different variants of support spring available.	
Ultimate tensile strength	Over 300kN
Ultimate compression strength	Over 500kN
Different length available	Up to 1700kN
Variable attachment types	

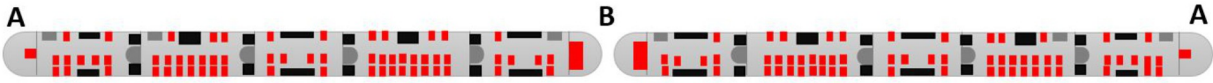


Compact dimensions	SP family
Weight reduced ~30% comparing to SPT family. Needs less space for storing in vehicle. Coupler length can be adjusted to customer needs.	
Ultimate tensile strength	200kN
Ultimate compression strength	200kN
Different length available	1100÷1400mm
Variable attachment types	
Weight	60÷75kg



Lightweight coupler	Aluminium
Combines advantages of both above solutions. Ensure 50% weight reduction comparing to steel coupler.	
Ultimate tensile strength	Over 300kN
Ultimate compression strength	Over 300kN
Coupling Length	~1330mm
Variable attachment types	~40kg





If you want to ask about the equipment tailored to your requirements, complete the data below.
Please select the correct Type:

	"Type A" - Emergency / Rescue Coupler - Albert type	-	Basic input data
	"Type B" - Operational coupler - Albert type	-	Basic input data
Strength [kN]			
Tensile strength (ultimate load)			
Compression strength (ultimate load)			
Operational tensile strength (fatigue loads)*			
Operational compression strength (fatigue loads)*			
Energy absorption			
Reversible energy absorber (YES/NO)*			
Localization (draw bar/mounting plate)*			
Push stroke [mm]*			
Pull stroke [mm]*			
Dimensions [m+m]			
		Total length (A+B+C) =	
		A =	
		B =	
		C =	
		D =	
		E =	
		F =	
		G =	
		H =	
		I =	
J =			
K =			

*For Type B - Operational coupler - Albert type

Contact:

