

Advantages

- Low maintenance
- Compact design
- Low vibration generation
- High angle capability
- Improved tire life

Inner Race

Precision Balls

Cage



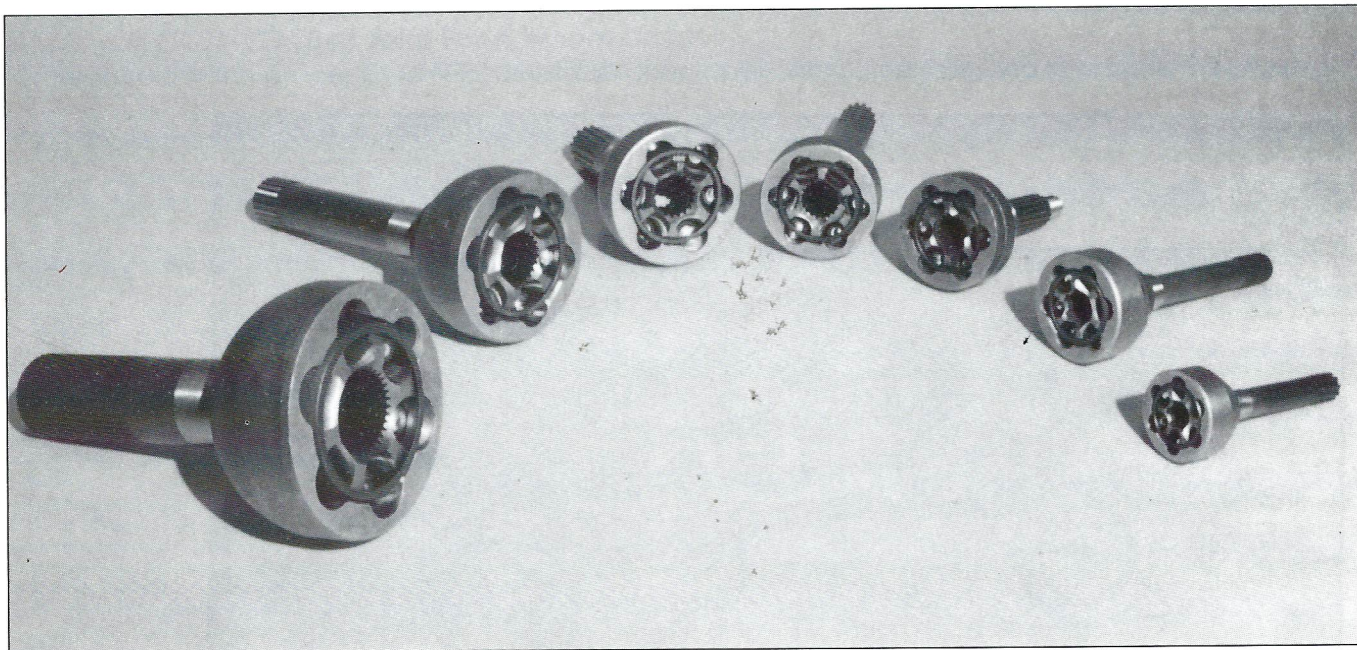
Front End Loader

CON-VEL[®] Bell Joints improve maneuverability of this front end loader. The CON-VEL[®] design provides high power density and long service life with low maintenance.

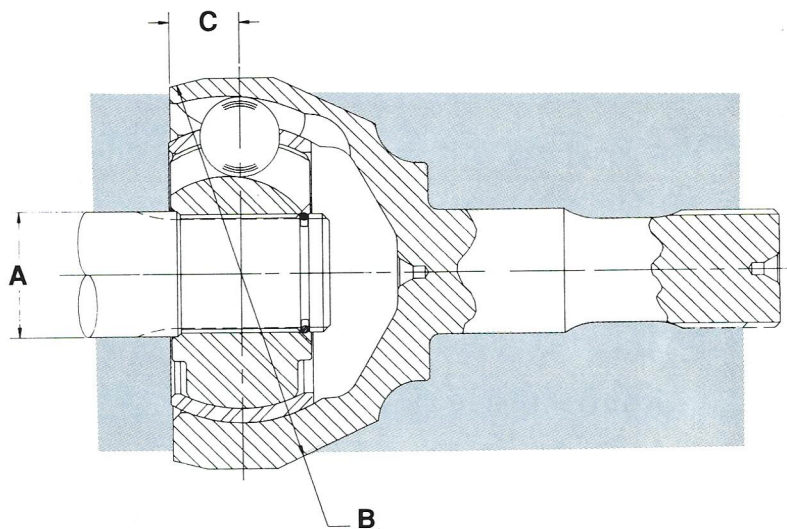
Railway Maintenance Equipment

Specialty vehicle manufacturers enjoy the flexibility in design provided by constant velocity joints. The high angle capability and compact design allows packaging arrangements not possible with Cardan designs.





Since our beginning in 1927, the Rzeppa Constant Velocity Joint has been solving problems for mobile equipment builders world wide. CON-VEL[®] wheel-drive bell joints deliver thoroughly proven, dependable power transmission. Careful selection of the highest quality materials, precision manufactured by experienced craftsmen, conscientious assembly; and rigid adherence to detail guarantee a reliable, quality product.



The maximum operating angle of CON-VEL[®] Constant Velocity Bell-Type Joints is 35°; however, in certain applications, larger angles can be accommodated.

Table H

CON-VEL Joint Series	Nominal Shaft Diameter (A)		Nominal Swing Diameter (B)		Face To Centerline Of Joint (C)		CON-VEL Joint Series
	in	mm	in	mm	in	mm	
R	0.95	24.1	3.37	85.6	0.64	16.3	R
C	1.25	31.8	4.43	112.5	0.76	19.3	C
D	1.38	35.1	4.93	125.2	0.87	22.1	D
E	1.50	38.1	5.25	133.4	0.95	24.1	E
G	1.75	44.5	6.12	155.4	1.12	28.4	G
J	2.00	50.8	7.12	180.8	1.25	31.8	J
L	2.25	57.2	8.00	203.2	1.43	36.3	L
N	2.50	63.5	8.62	218.9	1.43	36.3	N

With long-life high angle capability and high power density, the CON-VEL[®] wheel drive joint offers greater performance than cardan designs. Contact CON-VEL[®] engineering with your specific requirements.

