

Integral V

BOLT-ON SERIES

NEW

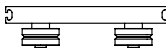
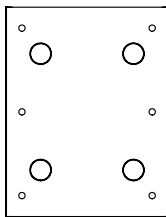
The Integral V™ system was developed to reduce costs, increase application flexibility and ease of installation. The rail consists of durable anodized aluminum framing and carbon steel angled raceways. Integral V components consist of various guide rails, snap-in clamps and carriages; each lending itself to high load capacity, rigidity and torque resistance. The **Bolt-On Series** gives dramatic system accuracy with maintenance free operation.

- **Flexible, lightweight aluminum profile in three (3) single rail configurations**
- **Low friction and breakaway force**
- **End-joinable for long runs**
- **Optional carriage preload adjustments** – fixed preload, side adjustable and hex head adjustable
- **Two carriage styles** – flat plate with or without t-slots

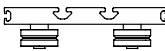
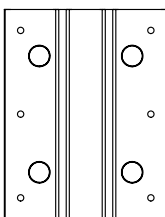
CARRIAGE STYLES

Custom carriages available upon request.

FLAT PLATE



FLAT PLATE W/T-SLOTS



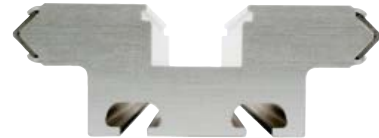
IVTAAA



IVTAAB

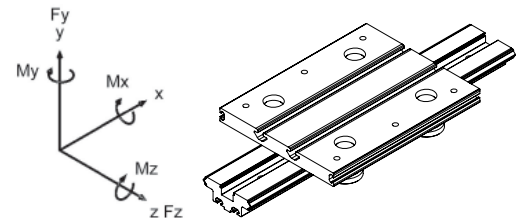


IVTAAC

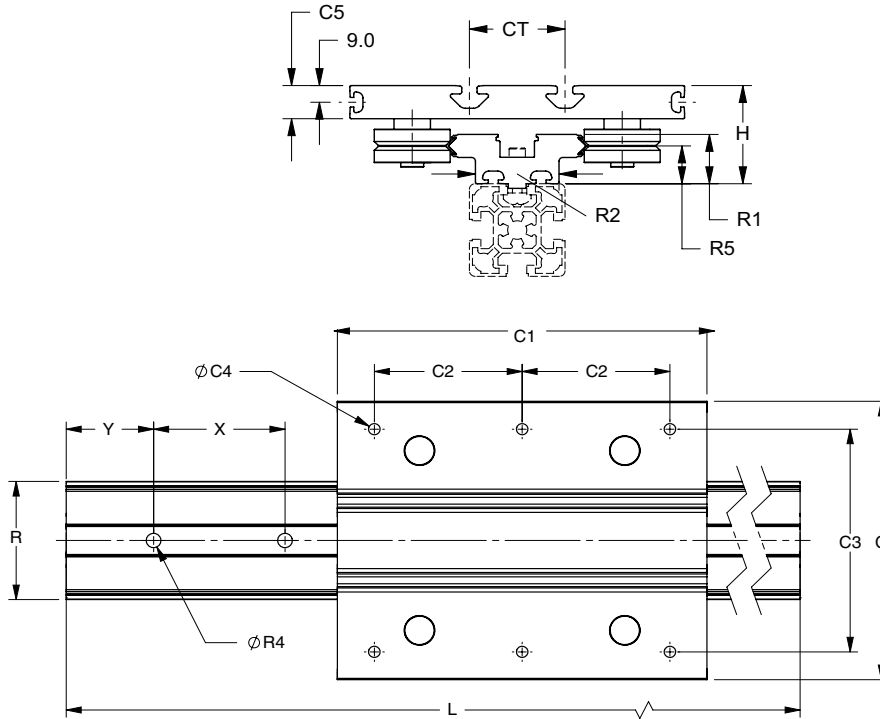


Part #	CARRIAGE LOAD RATING									
	Radial		Axial		Moment					
	Fz	Fz	Fy	Fy	Roll Mx		Pitch Mz		Yaw My	
	(N)	(lbf)	(N)	(lbf)	(N-m)	(lbf-ft)	(N-m)	(lbf-ft)	(N-m)	(lbf-ft)
IVTAAA	5,560	1,250	5,560	1,250	144	106	278	205	278	205
IVTAAB	5,560	1,250	5,560	1,250	171	126	348	256	348	256
IVTAAC	5,560	1,250	5,560	1,250	171	126	348	256	348	256

Load data shown in table is based on 100 kilometer travel.



DIMENSIONAL DATA

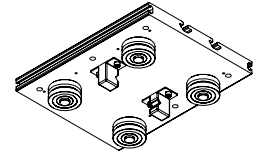


Part #	H	R	R1	R2	R4 Bolt size	R5	X	Y	C	C1	C2	C3	CT	C4 TAP	C5	L Max
IVTAAA	48	65	21.6	21.3	M6 SHCS	15.4	80	40	150	200	80	120	40	M8 X 1.0	17.9	4000
IVTAAB	53	65	26.6	33.7	M8 SHCS	20.4	80	40	175	225	90	140	50	M8 X 1.0	17.9	4000
IVTAAC	53	75	26.6	43.7	M8 SHCS	20.4	80	40	175	225	90	140	50	M8 X 1.0	17.9	4000

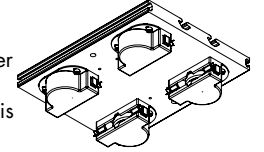
All dimensions in millimeters.

LUBRICATION OPTIONS

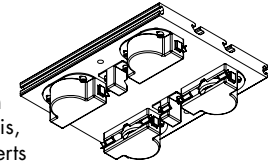
Lube Holder -
Micropoly® insert lubricated raceway



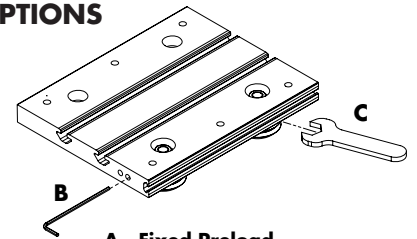
Wheel Cover -
Semi-enclosed cover protects from contaminated debris



Wheel Cover & Lube Holder -
Semi-enclosed cover protects from contaminated debris, plus Micropoly inserts



PRELOAD OPTIONS

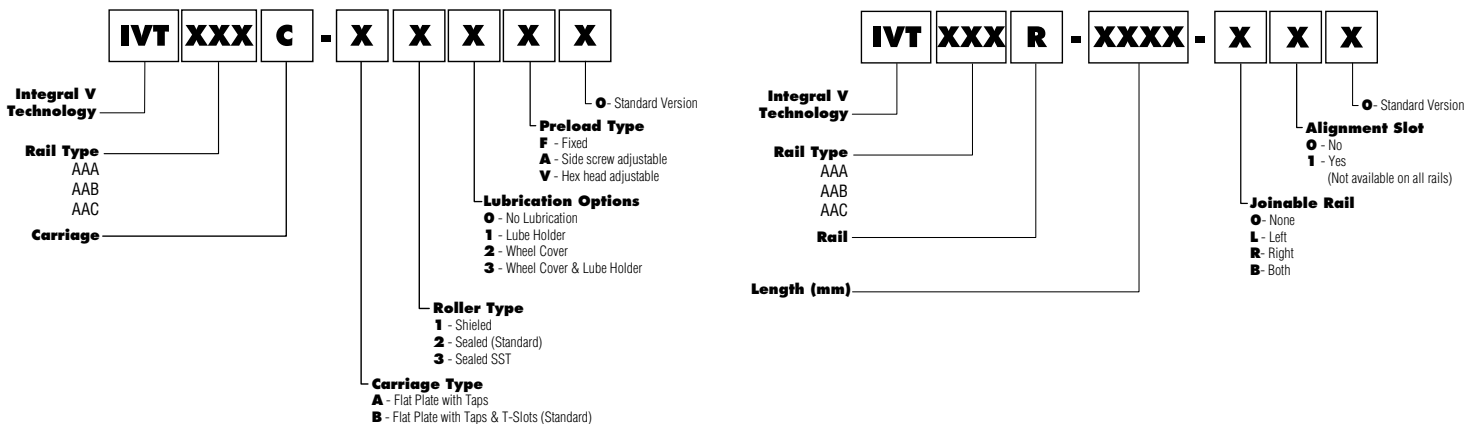


A - Fixed Preload

B - Side Screw Adjustable Preload (Standard)

C - Hex Head Adjustable Preload

ORDERING INFORMATION



Product information and 2D/3D CAD drawings available for download at www.pbclinear.com
For technical & application information call **1-888-777-1466**