

## Thor Square Edge



The belt for small-pulley, high-speed and heavy duty drives with shock loads. The strength of the belt and its ability to hold fasteners derive from its plies of 34 oz Goodyear Hard Duck, closely woven from hard twist to exacting specifications and with an additional skim coat between them to prevent separation under severe flexing. The edges of the hard twist fabric do not fray. Accurate cutting of edges and the security of the fasteners ensures true running and reliable transmission on the most exacting drives. Manufactured in strict accordance with Goodyear Akron U.S.A. standards.

Available in square edges, grey colour with silver edges.

For maximum performance and belt life it is essential that recommended fastener and application procedures are followed—refer page 10.

It meets the requirements of ISS : 1370 : 1965.

### MAXIMUM HORSEPOWER RATINGS PER INCH OF BELT WIDTH AT 180° ARC OF CONTACT

To be applied against Peak Load and used in conjunction with Arc of Contact Correction Factors :

Ply	Small Pulley Diameter Inches. mm	BELT SPEED "S" IN FEET PER MINUTE <i>(Multiply metres per minute by 3.281 to convert to feet per minute)</i>																
		1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3500	4000	4500	5000	5500	6000
3 PLY	3" (76 mm)	.72	.83	.95	1.05	1.15	1.25	1.34	1.43	1.51	1.59	1.66	1.77	1.84	1.86	1.82	1.72	1.48
	4" (102 mm)	1.03	1.19	1.36	1.52	1.66	1.82	1.96	2.10	2.23	2.36	2.47	2.71	2.89	3.03	3.09	3.09	3.00
	5" (127 mm)	1.21	1.40	1.61	1.79	1.97	2.15	2.33	2.49	2.64	2.81	2.95	3.25	3.51	3.71	3.85	3.90	3.86
	6" (152 mm)	1.36	1.59	1.82	2.03	2.22	2.43	2.63	2.82	3.00	3.19	3.37	3.73	4.07	4.31	4.48	4.60	4.62
	8" (203 mm)	1.50	1.79	2.06	2.30	2.52	2.77	2.99	3.21	3.42	3.63	3.84	4.27	4.64	4.97	5.26	5.42	5.52
	10" (254 mm) 12" (305 mm) & up)	1.50	1.79	2.07	2.37	2.65	2.93	3.20	3.44	3.65	3.89	4.12	4.59	4.93	5.37	5.67	5.88	6.52
4 PLY	4" (102 mm)	.97	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.5	2.4	2.1
	5" (127 mm)	1.3	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.4	3.6	3.8	3.8	3.8	3.6
	6" (152 mm)	1.5	1.7	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.8	4.2	4.4	4.5	4.6	4.5
	8" (203 mm)	1.8	2.1	2.4	2.7	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.8	5.2	5.4	5.8	5.9	5.9
	10" (254 mm)	2.0	2.3	2.6	2.9	3.2	3.6	3.8	4.1	4.4	4.7	4.9	5.5	5.9	6.3	6.6	6.8	7.0
	12" (305 mm) 14" (356 mm) & up)	2.0	2.4	2.8	3.1	3.5	3.8	4.2	4.5	4.8	5.0	5.3	5.9	6.4	6.9	7.3	7.5	7.7

## Wingfoot Square Edge



Wingfoot is a high grade belt made with the same top quality compounds as Thor, but with lighter weight 31 oz hard duck. It is recommended for all types of general industrial use and especially where small pulleys, speeds, etc. require a good belt of moderate horsepower capacity.

It is built with a skim coat of high grade rubber between plies. Available in square edge construction, grey colour with blue edges.

For drives having greater-than-normal crown on the pulleys, Wingfoot is specially recommended. Its construction enables it to more readily conform to pulley crown.

For maximum performance and belt life it is essential that recommended fastener and application procedures are followed—refer page 10.

It meets ISS : 1370-1965.

### MAXIMUM HORSEPOWER RATINGS PER INCH OF BELT WIDTH AT 180° ARC OF CONTACT. (To be applied against Peak Load)

Ply	Small Pulley Diameter Inches. mm	BELT SPEED "S" IN FEET PER MINUTE <i>(Multiply metres per minute by 3.281 to convert to feet per minute)</i>																
		1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3500	4000	4500	5000	5500	6000
3 PLY	3" (76 mm)	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.5	1.4	1.1
	4" (102 mm)	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.8	2.0	2.1	2.2	2.2	2.2	2.0
	5" (127 mm)	0.9	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.5	2.7	2.9	3.0	3.0	2.9
	6" (152 mm)	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.6	2.8	3.1	3.3	3.5	3.7	3.8	3.7
	8" (203 mm)	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.8	4.1	4.4	4.7	4.8	4.9
	10" (254 mm) 12" (305 mm) & up)	1.4	1.6	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.6	3.7	4.2	4.5	4.9	5.2	5.4	5.5