

Payductile

HI-TENSILE DUCTILE WHEELS

Payductile Wheels are cast from a high tensile ductile iron, with special alloy compounds added to withstand shock loads and the most punishing service.

Engineering Data:

- Tensile rating of 60,000 to 80,000 P.S.I. and an elongation factor up to 30%.
- Your choice of either Roller bearings or Timken tapered bearings.
- Fully machined.

Applications:

Heavy duty. Shock loads. Severe operating conditions. Excessive heat or cold.



06250-UD

PAYDUCTILE DUCTILE IRON WHEELS													
WHEEL		CATALOG NUMBER				HUB LENGTH		BORE DIMENSIONS					
Diameter inches	Tread Width inches	Ball and Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series
6	2½		06250-UD	06250-XD	2800	9½	2¾	2 ¹³ / ₁₆	1 ¹ / ₁₆	1	¾	7 ⁷ / ₈	300
	3	06301-TD	06301-UD	06301-XD	8000	16½	3¼	3 ³ / ₈	2 ⁷ / ₁₆	1¼	1	—	500, 600, 700
	4	06400-TD	06400-UD	06400-XD	17000	21	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900
8	2½		08250-UD	08250-XD	3500	15	2¾	2 ¹³ / ₁₆	1 ¹ / ₁₆	1	¾	7 ⁷ / ₈	300
	3	08300-TD	08300-UD	08300-XD	6000	20	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	1	¾	—	400
		08301-TD	08301-UD	08301-XD						1¼	1	—	500, 600, 700
	4	08400-TD	08400-UD	08400-XD	17000	27	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900
10	3	10301-TD	10301-UD	10301-XD	10000	29	3¼	3 ³ / ₈	2 ⁷ / ₁₆	1¼	1	—	500, 600, 700
	4	10400-TD	10400-UD	10400-XD	17000	34	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900
12	4	12400-TD	12400-UD	12400-XD	17000	44	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. Bore variations available with Roller Bearings only, which must be specified. Spanner bushings should be ordered separately. See parts list page 94. Maximum capacity with any Roller Bearing limited to 8000 lbs.

V-Grooved

PAYRON/PAYDUCTILE WHEELS

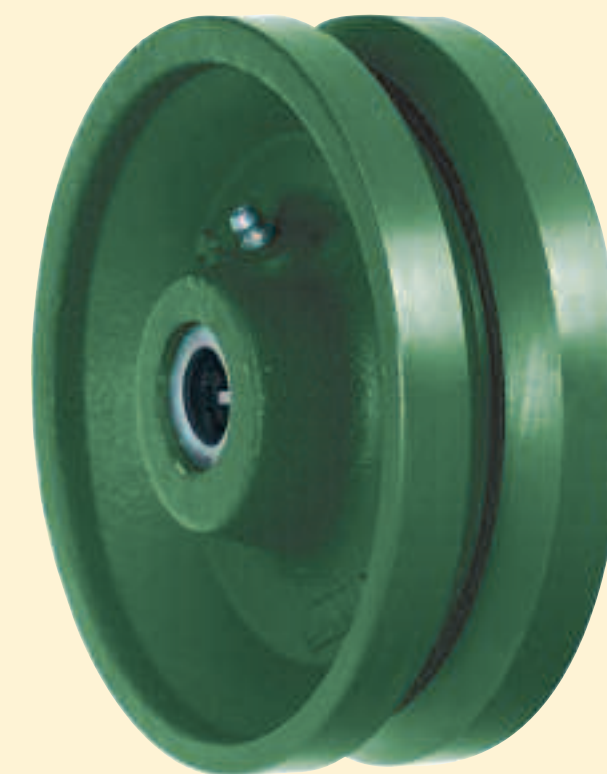
Made from Payron or Payductile steel. They are accurately machined to fit angle iron tracks.

Engineering Data:

- High capacities.
- Fully machined.
- Flat on Bottom.
- Can be rolled on smooth floors.

Applications:

Excessive heat or cold. Severe operating conditions. Shock loads. See page 59 for specifications.



06200-USG

V-GROOVED SEMI-STEEL AND DUCTILE WHEELS														
WHEEL		CATALOG NUMBER				HUB LENGTH		BORE DIMENSIONS						
Diameter inches	Tread Width inches	Ball and Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series	
4	1½		04150-USG	04150-XSG	800	3¾	1¾	1 ¹³ / ₁₆	1 ⁵ / ₁₆	½	¾	5 ⁵ / ₈	760, 070	
6	2		06200-USG	06200-XSG	1100	8	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	1	1, 7 ⁷ / ₈ , 5 ⁵ / ₈	190, 200, 290	
	2½		06250-USG	06250-XSG	2000	14	2¾	2 ¹³ / ₁₆	1 ⁹ / ₁₆	1	¾	1¼, 7 ⁷ / ₈	300	
8	2		08200-USG	08200-XSG	1200	12	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7 ⁷ / ₈ , 5 ⁵ / ₈	190, 200, 290	
	2½	08250-TDG	08250-UDG	08250-XDG	4000	17	2¾	2 ¹³ / ₁₆	1 ³ / ₁₆	1	¾	7 ⁷ / ₈	300	
		08251-TDG	08251-UDG	08251-XDG				2¾	3 ³ / ₈	1 ¹⁵ / ₁₆	1¼	1	—	500, 600, 700
	4	08400-TDG	08400-UDG	08400-XDG	15000	33	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900	
10	4	10400-TDG	10400-UDG	10400-XDG	15000	41	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900	

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. Bore variations available with Roller Bearings only, which must be specified. Spanner bushings should be ordered separately. See parts list page 94. Maximum capacity with any Roller Bearing limited to 8000 lbs.