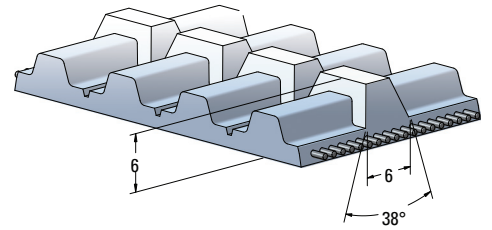




T10VS REINFORCED BELT 150MM

T10VS Aramid or Steel reinforced belts are now available from Gates in widths up to 150mm.

This belt is commonly used in conveying applications or linear positioning where tracking is an issue..



SPECIFICATIONS

Product Data

Pitch	10 mm
Standard Thickness	6 mm
Minimum Welded Belt Length	900 mm
Standard Roll Length (Tolerance ±1%)	100 m
Color	Natural / White
Minimum Number of Pulley Teeth	20
Minimum Pulley Diameter	60 mm
Minimum Back Bend Diameter	80 mm
FDA/EU Approval	No
Polyurethane	92 Shore A
Polyamide Fabric	Yes

Technical Data

Standard Width [mm]	16	25	32	50	75	100	150
Ultimate Tensile Strength [N] Average Value							
Steel	4200	7140	9240	14700	22260	29820	44940
Aramid	4980	8085	10500	16709	25333	33957	51205
Allowable Belt Tension [N] Open Ended							
Steel	1123	1909	2470	3929	5950	7971	12012
Aramid	655	1064	1381	2198	3332	4467	6736
Allowable Belt Tension [N] Endless Welded							
Steel	561	954	1235	1965	2975	3985	6006
Aramid	491	798	1036	1648	2499	3350	5052
Allowable Effective Tension [N]							
Steel and Aramid	676	1284	1758	2974	4983	6354	9734
Specific Belt Weight (kg/m)							
Steel	0.09	0.128	0.158	0.237	0.346	0.455	0.674
Aramid	0.058	0.109	0.134	0.199	0.27	0.36	0.54
Specific Belt Stiffness [N]							
Steel	280662	477125	617456	982316	1487507	1992699	3003081
Aramid	163779	265875	345283	549475	833075	1116675	1683875

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