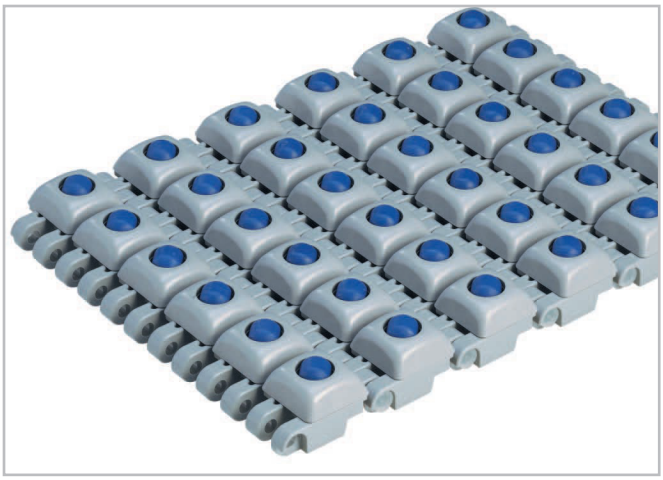
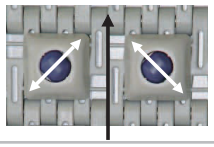
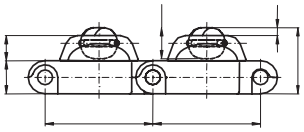
HabasitLINK ®
M5032 Roller Top - 45° 2"

Description

- Rollers oriented in 45° to the belt running direction
- Low friction POM roller on solid steel pin
- Strong design, with strong retaining of the roller
- Roller protected against overload or impact
- Min. roller distance longitudinal every 50.8 mm (2") possible
- Min. roller distance transversal every 37.5 mm (1.5") possible
- Customized roller pattern possible
- Replacement of single rollers possible
- Closed hinge
- Rod diameter 7 mm (0.27")







Belt data

Belt material		PP	
Rod material		PP	POM
Roller material		POM	
Nominal tensile strength F'_N straight run	N/m lb/ft	36000 2466	38000 2603
Temperature range	°C °F	5 - 93 40 - 200	5 - 93 40 - 200
Belt weight m_B	kg/m² lb/sqft	17.7 3.63	17.7 3.63

Belt weight m_B, 50% rollers: 12.9 kg/m²; 2.65 lb/sqft

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)		Backbending radius for elevators without side guards or hold down devices (minimum)		Backbending radius for elevators with sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
90	3.5	100	4	150	6	150	6	250	10

Use the largest possible backbending radius for elevators with side guards or hold down devices.

Standard range of belt widths b_0

mm (nom.)	225	300	375	450	525	600	675	750	825	900	975	1050	1125	1200	etc.
inch (nom.)	9	12	15	18	21	24	27	30	33	36	39	42	45	48	etc.

Real belt widths are in most cases 0.1% to 0.3% smaller.

Standard belt widths in increments of 75 mm (3"). Non-standard widths are offered in increments of 18.75 mm (0.74"). Smallest possible width 112.5 mm (4.42").

For detailed material properties refer to the HabasitLINK ® Engineering Guidelines or contact your Habasit representative.

The nominal tensile strength is valid for 23 °C (73 °F) . The admissible tensile force depends on the operating temperature near the drive sprockets. Within the temperature range allowed, the admissible tensile force may vary from 100% to 20% of the nominal tensile strength. For detailed information and correct calculation of effective tensile force refer to the Calculation Guide in the HabasitLINK ® Engineering Guidelines.