

Timing Pulleys, Gears & Sprockets

Technical data sheet

Detailed BANIX selection sheet with documented family data, dimension guidance and an enquiry checklist.



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Confirm before ordering

Family-level guidance, not a machine-specific approval or a guaranteed performance rating. Dimension examples do not establish availability. The accepted quotation and approved drawing define the supplied product.

Reviewed product-family data. Dimensions, limits and availability are confirmed for the selected configuration.



Timing Pulleys

Standard and custom timing pulleys with bore, keyway, hub and flange options to suit your drive.



Documented family data

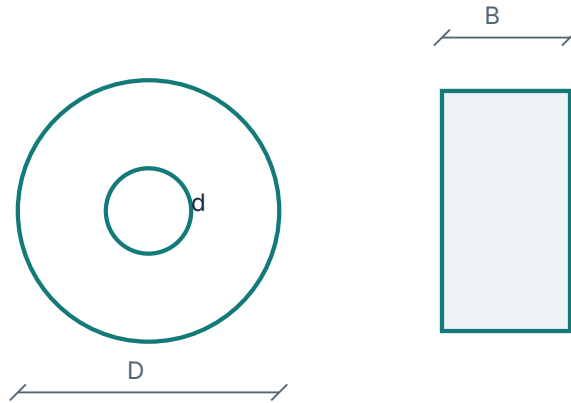
Parameter	Recorded options / data
Materials	Aluminium, steel or cast iron; according to drawing
Documented profile families	MXL, XL, L, H; T2.5, T5, T10; HTD 3M, 5M, 8M; exact belt match required
Configuration	Pilot / finished bore, keyway, hub, flanges, taper-lock style and coating options
Manufacturing / release	CNC, hobbing, milling and finishing; balancing by agreed operating speed and drawing

Recorded family options and dimensional examples. Values from different variants cannot be combined. Confirm the selected construction, units and operating limits with the BANIX quotation.



Timing Pulleys

Dimension guide



Schematic only, not to scale. Use your drawing to identify the exact measuring points.

Dimensions and information for your enquiry

Dimensions and information for your enquiry	Your specification
Tooth profile, pitch and tooth count	_____
Belt width and pulley face width / mm	_____
Bore, keyway and fit / mm	_____
Hub and flange dimensions / mm	_____
Torque, load and operating speed	_____
Material, finish and balancing requirement	_____

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Send your drawing and requirement to info@banix.de



Industrial belts

Timing, V, ribbed, flat and specialty belt families selected for your machine, load and operating environment.



Documented family data

Parameter	Recorded options / data
Materials	Rubber CR / EPDM / NBR or polyurethane; compound-specific
Recorded width range	6-150 mm in the BANIX family sheet; profile-dependent; custom by request
Reinforcement	Steel, aramid, polyester or glass cords; family-dependent
Construction / surfaces	Open-end, welded endless or truly endless; fabric and friction backings by application
Operating limits	Temperature, oil resistance, antistatic properties, minimum pulley diameter and load require the selected belt specification

Recorded family options and dimensional examples. Values from different variants cannot be combined. Confirm the selected construction, units and operating limits with the BANIX quotation.



Industrial belts

Belt families and profiles

Belt family	Recorded profile / construction
V-belts	Z/10, A/13, B/17, C/22, D/32; SPZ, SPA, SPB, SPC
Poly-V belts	PJ, PK, PL, PM
Rubber timing belts	MXL / XL / L / H / XH; T2.5 / T5 / T10 / T20; HTD 3M / 5M / 8M / 14M; RPP / STD
PU timing belts	T / AT / ATP
Double-sided timing belts	T / AT / HTD
Flat / round belts	Flat friction / fabric constructions; weldable PU round belts
Variator belts	Wedge profile for variable-speed drives
Conveyor / knitting belts	PU / PVC / rubber conveying; selected elastic knitting belt constructions

Recorded family options and dimensional examples. Values from different variants cannot be combined. Confirm the selected construction, units and operating limits with the BANIX quotation.



Industrial belts

Dimension guide

C = inner circumference / pitch length



Schematic only, not to scale. Use your drawing to identify the exact measuring points.

Dimensions and information for your enquiry

Dimensions and information for your enquiry	Your specification
Belt family, profile and pitch	_____
Pitch / effective length and measurement method	_____
Belt width / mm	_____
Rubber / polyurethane construction	_____
Power, torque, rpm and centre distance	_____
Temperature, chemicals and coating	_____

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Industrial Gears

Standard and customized gears for torque transmission and motion control, supplied to drawing/sample where applicable.



Documented family data

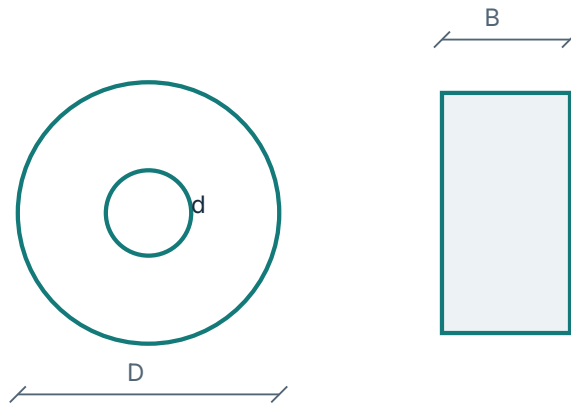
Parameter	Recorded options / data
Types	Spur, helical, bevel and custom-profile gears
Specification	Module, teeth, pressure angle, helix angle / hand, face width and mating gear
Material / treatment	Steel or specified alloy; hardening and surface finish by drawing
Inspection	Agree accuracy class, bore fit, run-out, backlash and inspection record

Recorded family options and dimensional examples. Values from different variants cannot be combined. Confirm the selected construction, units and operating limits with the BANIX quotation.



Industrial Gears

Dimension guide



Schematic only, not to scale. Use your drawing to identify the exact measuring points.

Dimensions and information for your enquiry

Dimensions and information for your enquiry	Your specification
Gear type, module and tooth count	_____
Pressure / helix angle and handedness	_____
Face width and bore / mm	_____
Material and heat treatment	_____
Torque, speed and mating gear	_____
Drawing revision and inspection requirements	_____

Family-level guidance, not a machine-specific approval or a guaranteed performance rating. Dimension examples do not establish availability. The accepted quotation and approved drawing define the supplied product.

Send your drawing and requirement to info@banix.de



Sprockets

Standard and specialized sprockets for roller-chain drives, including drawing-based configurations.



Documented family data

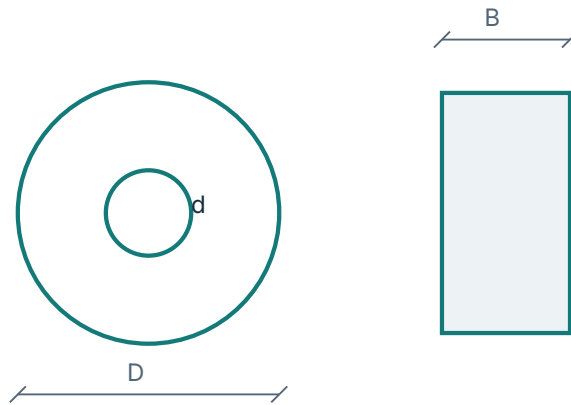
Parameter	Recorded options / data
Types	Plate / hub type; simplex, duplex and custom roller-chain sprockets
Chain identification	Chain series / standard, pitch, roller diameter, inner width and strand count
Customization	Teeth, bore, keyway, hub geometry, material and tooth hardening
Compatibility	Chain dimensions and standard must match; equal pitch alone is insufficient

Recorded family options and dimensional examples. Values from different variants cannot be combined. Confirm the selected construction, units and operating limits with the BANIX quotation.



Sprockets

Dimension guide



Schematic only, not to scale. Use your drawing to identify the exact measuring points.

Dimensions and information for your enquiry

Dimensions and information for your enquiry	Your specification
Chain reference and pitch / mm	
Number of strands and teeth	
Plate / hub geometry and face width	
Bore, keyway and fit / mm	
Chain load, speed and duty cycle	
Material, hardening and lubrication	

Family-level guidance, not a machine-specific approval or a guaranteed performance rating. Dimension examples do not establish availability. The accepted quotation and approved drawing define the supplied product.

Send your drawing and requirement to info@banix.de



Customized Machined Components

Selected machine and drive components according to drawing, sample or application requirement, subject to manufacturing feasibility and quotation.



Documented family data

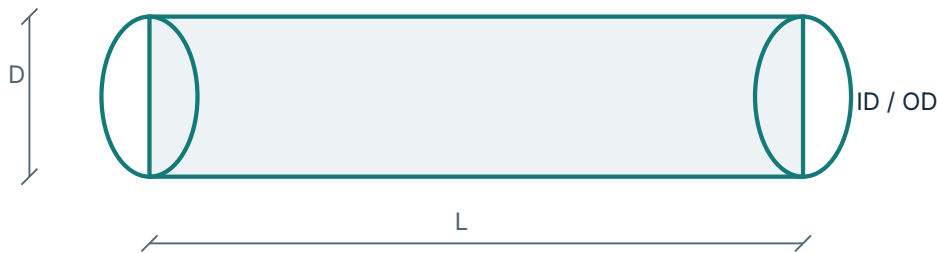
Parameter	Recorded options / data
Input basis	Approved drawing / CAD revision or identified sample
Documented processes	CNC turning, milling, hobbing, shaping, broaching and slotting according to geometry
Material / finishing	Specified material, heat treatment, coating, deburring and assembly requirements
Inspection / feasibility	Critical dimensions, fits, surface roughness, inspection method and quantity require project review

Recorded family options and dimensional examples. Values from different variants cannot be combined. Confirm the selected construction, units and operating limits with the BANIX quotation.



Customized Machined Components

Dimension guide



Schematic only, not to scale. Use your drawing to identify the exact measuring points.

Dimensions and information for your enquiry

Dimensions and information for your enquiry	Your specification
Drawing number and revision	_____
Critical dimensions, fits and tolerances	_____
Material grade and traceability	_____
Surface finish and treatment	_____
Quantity, repeat demand and delivery	_____
Inspection records and sample approval	_____

Family-level guidance, not a machine-specific approval or a guaranteed performance rating. Dimension examples do not establish availability. The accepted quotation and approved drawing define the supplied product.

Send your drawing and requirement to info@banix.de