

SUPER Flex™ belts

Endless Flex toothed belts





SUPER Flex™ belts – unlimited possibilities.



SUPER Flex™ belts are endlessly extruded toothed polyurethane belts with helically wound steel cords. SUPER Flex™ belts are available in various sizes, designs, and pitches and offer you unlimited possibilities of finding exactly the belt required for your application.

Highlights

- In any lengths between 1.5 m and 22.5 m
- No welding, therefore maximum power transmission
- Variety of individual options for customisation

	Widths 10 – 170 mm	Lengths 1,5 – 22,5 m	Material PU 92 Shore	Cord Steel (Standard), Niro, highly flexibel	Backings 30+ different backings
Fabrics Polyamid on toothside NT-(PAZ)	Profile 3000+ Designs for welded profiles	HTD-Profile 	AT-Profile 	T-Profile 	Individual Grinding, shaping, boring, etc.

SUPER Flex™ belts – infinite possibilities.

Structure/function

SUPER Flex™ belts are truly endless extruded timing belts in polyurethane with helically wound cords made of steel or Niro or highly flexible cords. We offer more than 30 backing materials for polyurethane belts to achieve the desired coefficient of friction, abrasion resistance or thickness. Choose from categories such as polyurethane, rubber, foam, PVC or special backings to find the best solution for your applications and projects.

All Flex belt backings can be modified mechanically on request. Thanks to the possibility of adding over 3,000 different profiles to the belt, the belt can be further individualised. Other machining options such as grinding edges, punching holes or milling are available on request.

We provide customised solutions for all needs.

		Belt widths [mm]								
		Cords	10	16	25	32	50	75	100	150
Pitches	T5	Steel	1,250 / 311 / 356	2,000 / 498 / 570	3,375 / 840 / 890	4,250 / 1,058 / 1139	6,875 / 1,711 / 1780	10,375 / 2,582 / 2670	13,875 / 3,453 / 3,560	- / - / -
		HF	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
		Niro	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
	T10	Steel	- / - / -	4,200 / 1,123 / 1,082	7,140 / 1,909 / 1,690	9,240 / 2,470 / 2,163	14,700 / 3,929 / 3,380	22,260 / 5,950 / 5,070	29,820 / 7,971 / 6,760	44,940 / 12,012 / 10,140
		HF	- / - / -	6,200 / 1,376 / 1,082	10,540 / 2,340 / 1,690	13,640 / 3,028 / 2,163	21,700 / 4,818 / 3,380	32,860 / 7,295 / 5,070	44,020 / 9,773 / 6,760	66,340 / 14,728 / 10,140
		Niro	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
	T20	Steel	- / - / -	- / - / -	- / - / -	18,050 / 4,739 / 4,045	29,450 / 7,731 / 6,320	44,650 / 11,722 / 9,480	59,850 / 15,712 / 12,640	90,250 / 23,693 / 18,960
		HF	- / - / -	- / - / -	- / - / -	16,435 / 4,378 / 4,045	26,815 / 7,142 / 6,320	40,655 / 10,829 / 9,480	54,495 / 14,515 / 12,640	82,175 / 21,888 / 18,960
		Niro	- / - / -	- / - / -	- / - / -	13,538 / 3,554 / 4,045	22,088 / 5,799 / 6,320	33,488 / 8,791 / 9,480	44,888 / 11,784 / 12,640	67,688 / 17,770 / 18,960
	AT5	Steel	2,565 / 634 / 516	4,275 / 1,056 / 826	7,125 / 1,761 / 1,290	9,120 / 2,253 / 1,651	14,535 / 3,591 / 2,580	21,945 / 5,422 / 3,870	29,355 / 7,253 / 5,160	- / - / -
		HF	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
		Niro	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
	AT10	Steel	- / - / -	- / - / -	14,250 / 3,741 / 2,580	18,050 / 4,739 / 3,302	29,450 / 7,731 / 5,160	44,650 / 11,722 / 7,740	59,850 / 15,712 / 10,320	90,250 / 23,693 / 15,480
		HF	- / - / -	- / - / -	12,975 / 3,456 / 2,580	16,435 / 4,378 / 3,302	26,815 / 7,142 / 5,160	40,655 / 10,829 / 7,740	54,495 / 14,515 / 10,320	82,175 / 21,888 / 15,480
		Niro	- / - / -	- / - / -	10,688 / 2,806 / 2,580	13,538 / 3,554 / 3,302	22,088 / 5,799 / 5,160	33,488 / 8,791 / 7,740	44,888 / 11,784 / 10,320	67,688 / 17,770 / 15,480
	ATL10	Steel	- / - / -	- / - / -	20,760 / 5,079 / 2,580	25,950 / 6,348 / 3,302	43,250 / 10,581 / 5,160	65,740 / 16,082 / 7,740	88,230 / 21,584 / 10,320	133,210 / 32,588 / 15,480
		HF	- / - / -	- / - / -	23,100 / 4,402 / 2,580	28,875 / 5,502 / 3,302	48,125 / 9,170 / 5,160	73,150 / 13,939 / 7,740	98,175 / 18,708 / 10,320	148,225 / 28,245 / 15,480
		Niro	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
	AT20	Steel	- / - / -	- / - / -	- / - / -	25,950 / 6,530 / 6,950	43,250 / 10,883 / 10,860	65,740 / 16,542 / 16,290	88,230 / 22,201 / 21,720	133,210 / 33,519 / 32,580
		HF	- / - / -	- / - / -	- / - / -	28,875 / 5,659 / 6,949	48,125 / 9,432 / 10,860	73,150 / 14,337 / 16,290	98,175 / 19,242 / 21,720	148,225 / 29,052 / 32,580
		Niro	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
	ATL20	Steel	- / - / -	- / - / -	- / - / -	32,000 / 7,918 / 6,950	54,400 / 13,461 / 10,860	83,200 / 20,587 / 16,290	112,000 / 27,714 / 21,720	172,800 / 42,758 / 32,580
		HF	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
		Niro	- / - / -	- / - / -	- / - / -	22,500 / 6,110 / 6,950	38,250 / 10,388 / 10,860	58,500 / 15,887 / 16,290	78,750 / 21,386 / 21,720	121,500 / 32,996 / 32,580

		Belt widths [mm]						
		Cords	25	32	50	75	100	150
Pitches	HTD*5	Steel	7,410 / 1,909 / 1,020	- / - / -	14,700 / 3,929 / 2,040	22,260 / 5,950 / 3,060	29,820 / 7,971 / 4,080	- / - / -
		HF	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
		Niro	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
	HTD*15	Steel	10,540 / 2,340 / 1,020	- / - / -	21,700 / 4,818 / 2,040	32,860 / 7,295 / 3,060	44,020 / 9,773 / 4,080	- / - / -
		HF	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
		Niro	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
	HTD*8	Steel	14,250 / 3,741 / 1,870	18,050 / 4,739 / 2,394	29,450 / 7,731 / 3,740	- / - / -	59,850 / 15,712 / 7,480	90,250 / 23,693 / 11,220
		HF	12,975 / 3,456 / 1,870	16,435 / 4,378 / 2,394	26,815 / 7,142 / 3,740	- / - / -	54,495 / 14,515 / 7,480	82,175 / 21,888 / 11,220
		Niro	10,688 / 2,806 / 1,870	13,538 / 3,554 / 2,394	22,088 / 5,799 / 3,740	- / - / -	44,888 / 11,784 / 7,480	67,688 / 17,700 / 11,220

		Belt widths [mm]						
		Cords	25	40	55	85	115	170
Pitches	HTD*14	Steel	20,760 / 5,156 / 3,430	32,870 / 8,164 / 5,488	46,710 / 11,601 / 7,546	74,390 / 18,476 / 11,662	100,340 / 24,921 / 15,778	150,510 / 37,381 / 23,324
		HF	23,100 / 4,470 / 3,430	36,575 / 7,077 / 5,488	51,975 / 10,056 / 7,546	82,775 / 16,016 / 11,662	111,650 / 21,603 / 15,778	167,475 / 32,404 / 23,324
		Niro	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -

HF cord ... highly flexible

- / - / - ... breaking strength / perm. load side force / perm. circumferential force

We will be happy to advise you with regard to individual dimensioning and any other questions you may have.