

NEW  
PowerGrip® GT3

설계 메뉴얼

산업용 타이밍 벨트

PowerGrip® GT3 • PowerGrip® HTD® • PowerGrip®



# DRIVE DESIGN MANUAL FOR POWERGRIP® GT3, POWERGRIP® HTD® & POWERGRIP® SYNCHRONOUS BELTS

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## INTRODUCTION

### DRIVE DESIGN MANUAL FOR POWERGRIP® GT3, POWERGRIP® HTD® AND POWERGRIP® BELTS - ALL IN ONE

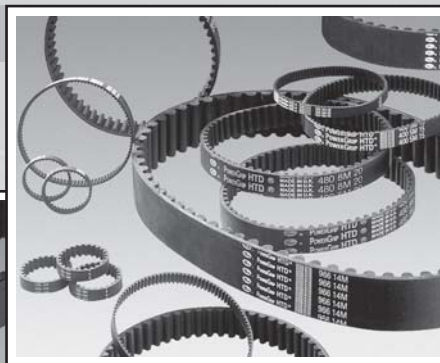
이 책자는 PowerGrip® GT3, PowerGrip® HTD®와 classical PowerGrip® belt drives의 사용 범위에 관한 정보를 엔지니어와 설계자에게 제공하는 PowerGrip® design manual로 구성되어 있습니다. 또한 벨트 길이, 축간 거리, 동력 전달 성능, 풀리의 종류에 관한 정보도 제공하고 있습니다.

귀하가 사용하는 기계에서 가장 적합한 타이밍 벨트 구동 시스템 설계에 필요한 모든 정보가 본 매뉴얼에 제공되고 있습니다. 다른 종류의 디자인 매뉴얼은 참고 하실 필요가 없으며 본 설계 매뉴얼은 귀하가 완벽한 드라이브를 선정 하도록 도와줄 것 입니다.

#### POWERGRIP® GT3



#### POWERGRIP® HTD®

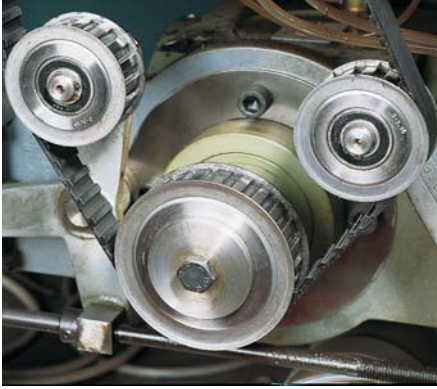


#### POWERGRIP®



## GATES SYNCHRONOUS BELTS: THE DESIGNER'S CHOICE

1946년, 게이츠는 Singer사의 재봉틀에서 바늘과 실패의 움직임을 일치시키기 위해 처음으로 타이밍 벨트를 개발했습니다. 고품질을 위해 지속적인 연구개발, 혁신 프로그램을 게이츠는 파워 트랜스미션 (power transmission) 기술 분야에서 선두적인 입지를 차지하고 있습니다. 게이츠는 산업현장의 요구에 맞도록 우수하고 다양한 종류의 타이밍 벨트를 설계자 및 엔지니어들에게 공급하고 있습니다.



■ 오늘날 기존의 게이츠 PowerGrip® 벨트 드라이브는 산업현장에서 높은 효율을 가진 기계 동력 전달의 매개체로서 그 자리를 차지하고 있습니다. 고전적 형상의 사다리꼴 치형을 가진 PowerGrip® 벨트는 폭 넓은 산업분야에서 표준 제품으로 채택되어 왔습니다.



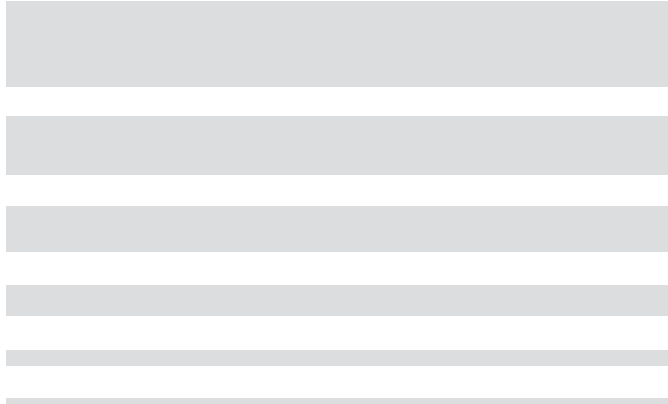
■ 재질 개선과 치형의 기술 향상은 PowerGrip® HTD® (High Torque Drive) 벨트의 개발로 이어집니다. 원형 HTD 치형은 치저부의 응력을 분산시키고 높은 동력 전달 능력과 긴 수명을 가지게 하였습니다.



**■** PowerGrip® GT3는 게이트가 고무 타이밍 벨트 부문에 있어서 가장 최근에 개발한 것입니다. PowerGrip® GT3 제품군은 고무 타이밍 벨트 기술분야에서 하나의 아주 주요한 도약을 일구었다고 할 수 있습니다. 한층 더 진보한 원재료 개선을 통해 탄생한 새로운 타이밍 벨트는 이전 세대의 벨트보다 최대 30% 이상의 파워(동력)를 전달합니다.

PowerGrip® GT3는 2MGT, 3MGT, 5MGT, 8MGT, 14MGT 등의 다양한 pitch의 사이즈로 출시됩니다.

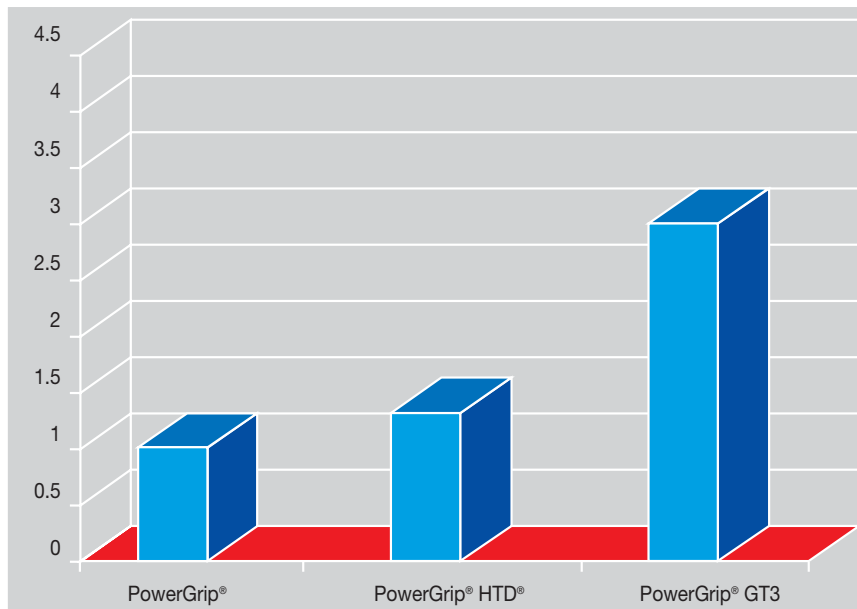
작은 2MGT, 3MGT, 5MGT 피치는 전동 공구(hand tool), 사무용 기기, 가전제품, 정교한 서보모터, 다축 응용기기 등 컴팩트 사이즈의 드라이브에 이상적입니다. 더 큰 8MGT와 14MGT 피치는 낮은 유지비용과 내구성을 필요로 하는 제지 및 섬유 산업 분야, 공작기계 등의 고성능 드라이브에 최적화된 제품입니다.



# POWERGRIP® GT3 DESIGN FEATURES

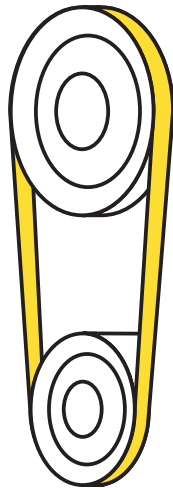
지속적인 혁신 제품 설계를 통해 게이츠는 산업분야의 드라이브에서 요구하는 증가한 동력의 전달이 가능할 수 있었습니다.

## POWER RATING COMPARISON POWERGRIP®, POWERGRIP® HTD® AND POWERGRIP® GT3

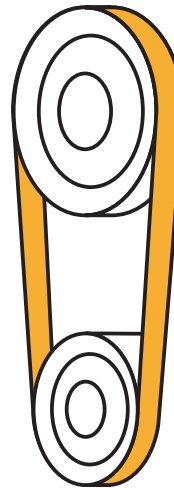


## DRIVE PACKAGE COMPARISON

**PowerGrip® GT3**  
1200-8MGT-20



**PowerGrip® HTD®**  
1200-8M-50



Driven  
56 grooves

Driver  
38 grooves

### Drive condition

**Driver:** - 7.5 kW motor  
- 1460 rpm

**Driven:** - pump  
- speed ratio of approx. 1.5:1  
- service factor 1.7

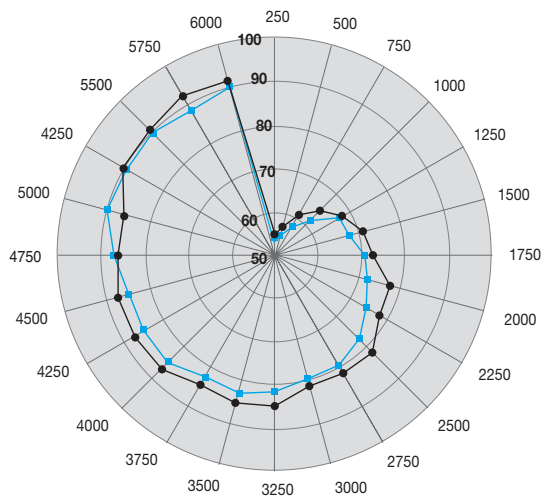
# POWERGRIP® GT3 DESIGN FEATURES

새로운 구조로 정교하게 설계된 GT 치형은 이전 구조와 비교해서 상당한 성능향상을 제공합니다. 이렇듯 특별한 치형 덕분에 PowerGrip® GT3 벨트는 구동 중 발생하는 소음이 현저하게 감소되었으며 치형이 풀리와 정확한 위치에서 결합되어 구동되도록 해줍니다. 다음의 표들은 이렇듯 향상된 점을 요약한 것입니다.

## NOISE

경쟁사의 저소음 벨트와 게이트의 PowerGrip® GT3의 소음값 비교 Data

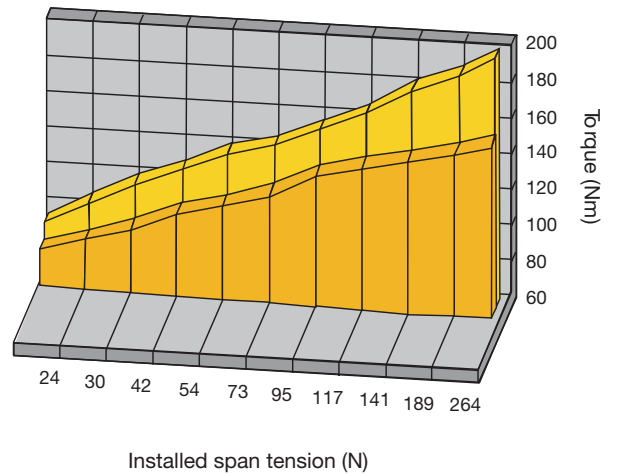
- PowerGrip® GT3
  - Competitor's premium low noise belt
- Test pulleys:** 28 groove 8M  
**Overall noise:** 50 to 100 dB(A)  
**Test speed:** 250 to 6000 rpm



*Test method:*  
microphone placed 60 mm from centre of mid span.

## TOOTH JUMP RESISTANCE

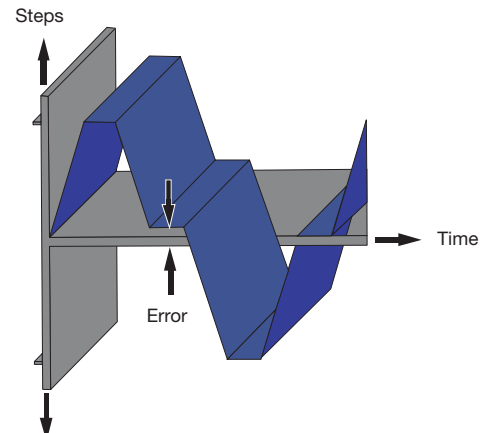
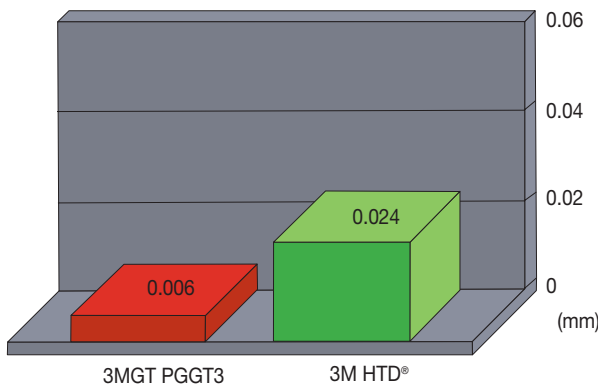
비슷한 풀리 직경의 PowerGrip® 8M 보다 향상된 TOOTH JUMPING 방지 성능



- 8MGT PowerGrip® GT3
- 8M PowerGrip® HTD®

## POSITIONING ACCURACY

Application	Motion transfer
Belt	90 teeth
Width	9 mm
Pulleys	20/20 grooves
Speed	330 rpm
Static tension	14 N
Motor	200 steps/cycle



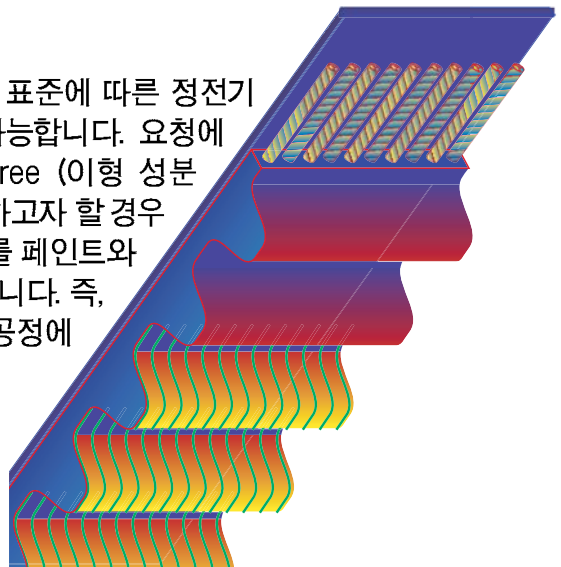
# POWERGRIP® GT3 BELT COMPONENTS AND BENEFITS



한 층 진보된 원재료의 개발 결과로 PowerGrip® GT3 타이밍 벨트는 이전 세대의 벨트보다 30% 이상 뛰어난 동력을 전달할 수 있습니다. 또한 고-마력에서 컴팩트한 설계를 가능하게 한 Drive System은 공간 활용과 원가 절감 효과를 증가시켰습니다. HTD®와 GT타입 드라이브의 대체 용으로도 완벽한 제품입니다.

PowerGrip® GT3는 5가지 종류의 피치로 출시되며 작은 사이즈로는 2MGT, 3MGT, 5MGT 등이 있으며 큰 사이즈로는 8MGT와 14MGT 등의 피치로 구성되어 있어 산업현장에서 가장 폭넓게 응용할 수 있도록 하였습니다.

PowerGrip® GT3 8MGT와 14MGT 피치 제품은 ISO 9563 표준에 따른 정전기 전도 특성을 갖춰 폭발 위험 분야 및 지역에서의 사용이 가능합니다. 요청에 따라 인증서를 동봉하여 배송합니다. PGGT3는 Silicone-free (이형 성분 제거) 재질로 공급 하고 있습니다. 도장 공정에서 벨트를 사용하고자 할 경우 Gates는 주문 생산 방식으로 PowerGrip® GT3 8MGT 및 14MGT를 페인트와 도료 등에 친화될 수 있는 물성으로 제작해 공급 할 수도 있습니다. 즉, 오염 물질에 대한 위험성이 없으므로 자동차 산업의 도장 공정에 이상적인 벨트입니다.



## • 특성

- 유리섬유 심선, 합성고무 치 및 배면, 나일론 범포등 기술적으로 진보된 재질.
- 합성고무 배면은 마찰로 인한 마모 및 환경 오염으로부터 심선을 보호해 줌.
- 나선형으로 감은 심선은 높은 인장강도, 뛰어난 굴곡성, 신장에 대한 저항성이 있음.
- 정교하게 성형되고 정확한 피치 거리를 가진 엘라스토머 치
- 실리콘을 사용하지 않음

## • 이점

- 매우 증가된 동력 전달력 : 이전 구조보다 최대 30%까지 증가
- 소형, 경량, 비용 효과가 높은 드라이브
- 투스 점핑(Tooth Jumping) 방지 성능 향상
- 고용량 저소음
- 윤활제 사용이 필요 없음



# POWERGRIP® GT3 SYSTEM SPECIFICATIONS

## POWERGRIP® GT3 BELT DIMENSIONS

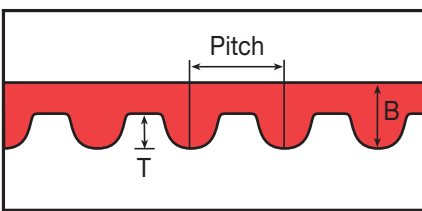
PowerGrip® GT3 벨트의 3가지 주요 치수는 다음과 같습니다.

- 피치 (pitch):
- 피치 길이:
- 폭.

벨트의 '피치'란 벨트의 피치라인 상에서 서로 인접한 2개의 각 치의 중앙 간거리를 밀리미터 단위로 측정하여 표시한 길이를 말합니다. 벨트 '피치'란 피치라인을 따라 측정한 원주의 총 길이를 밀리미터 단위로 나타낸 것을 말합니다. PowerGrip® GT3 벨트의 이론상 피치라인은 심선에 위치하고 있으며, Gates PowerGrip® GT3 벨트는 2mm, 3mm, 5mm, 8mm, 14mm, 등 5종류의 피치로 만들어져 있습니다.

### 치수참조

	Pitch mm	T mm	B mm
2MGT	2.00	0.71	1.52
3MGT	3.00	1.12	2.41
5MGT	5.00	1.92	3.81
8MGT	8.00	3.40	5.60
14MGT	14.00	5.82	9.91



Gates PowerGrip® GT3 벨트의 사이즈는 13 ~ 14페이지에 명시되어 있습니다. 명시된 표에 보시면 벨트 길이와 피치 타입 및 피치 길이와 치 수 등이 나타나 있으며, 표준 폭도 알 수 있습니다. 여기 명시된 표들을 사용하여 PowerGrip® GT3의 ordering code를 작성 하기 위한 모든 정보를 얻을 수 있습니다.

- 예): PGGT3 1040-8MGT-20  
 PGGT3 ···PowerGrip® GT3  
 1040 ····피치길이  
 (Pitch Length) (mm)  
 8MGT ····피치 8mm  
 20 ····벨트 폭(mm)

## PULLEY DIMENSIONS

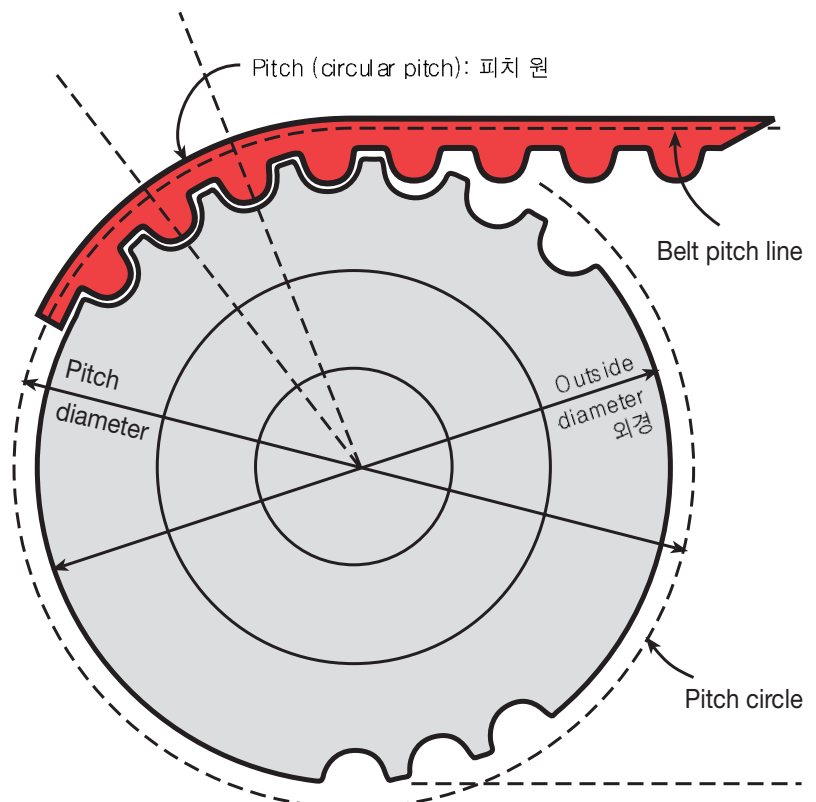
풀리 상에서의 피치는 인접한 2개의 groove 중앙 간의 거리를 풀리의 피치 원 (pitch circle)에서 측정한 것을 말합니다. 풀리의 피치원 (pitch circle)은 맞물리게 될 벨트의 피치 라인과 일치하게 됩니다. 풀리의 피치 직경은 항상 그 외경보다 큽니다. PowerGrip® GT3 벨트 중에서 8MGT와 14MGT 피치의 2가지 벨트들은 PowerGrip® HTD® 풀리 상에서 구동됩니다.

PowerGrip® GT3 벨트 중에서 2MGT, 3MGT, 5MGT 피치의 3가지 벨트들은 동일한 치형의 풀리 (pulley) 상에서 구동되어야만 합니다. 이 3가지 피치 종류들을 위한 풀리 역시 각각 2mm, 3mm, 5mm 의 피치로 만들어 집니다.

PowerGrip® GT3 벨트를 위한 표준 풀리 직경은 148 페이지에 명시되어 있습니다. 명시된 표에 보시면 치 (groove)의 수, 플랜지 (flange) 직경, 그리고 외경 등이 명시되어 있습니다. 또한 벨트와 풀리의 폭에 대한 정보 역시 명시되어 있습니다. 여기 명시된 표들을 사용하여 풀리의 ordering code 작성을 위한 모든 정보를 얻을 수 있습니다.

- 예) HTD® : P56-14M-40  
 P56 ····풀리 명칭 (P)과 치의 개수 (56)  
 14M ····피치 (Pitch)길이 14mm  
 40 ····벨트 폭 (mm)

- 예) GT : 3MR-18S-15  
 3MR ····피치 (Pitch)길이 3mm  
 18S ····치 (groove)의 개수 (18)  
 15 ····벨트 폭 (mm)



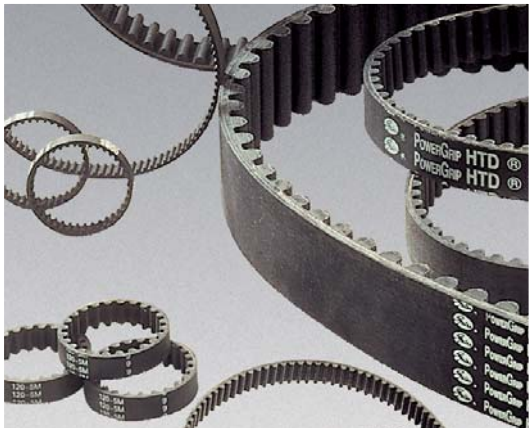
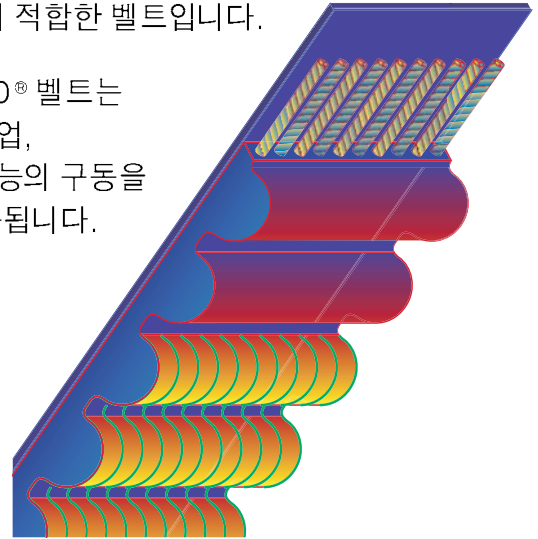
# POWERGRIP® HTD® BELT COMPONENTS AND BENEFITS



PowerGrip® HTD® Drive는 폭 넓은 산업 분야에 탁월한 동력 전달력을 제공함으로써, 기존의 체인 및 기어로 구동될 때보다 더 많은 이점들을 지니고 있습니다.

3M과 5M 피치(pitch)의 HTD® 벨트는 특히 전동 공구(hand tools), 사무용 기기, 가전제품 등에 적합한 벨트입니다.

8M, 14M, 20M 피치의 HTD® 벨트는 공작 기계, 제지 및 섬유 산업, 화학산업공정 등에서 고성능의 구동을 필요로 할 때 적합하게 사용됩니다.



## • 특성

- 특수 곡선형태의 벨트 치(tooth)로 디자인 되어 있어 피로(fatigue)를 적절하게 분산시키는데 탁월하며 더 큰 부하를 견딜 수 있습니다.
- 정교하고 아주 정확하게 형성된 천연/합성고무 치가 pulley와 원활하게 맞물리도록 되어 있습니다.
- 유리섬유 코드로 되어 있어 높은 인장강도와 탁월한 유연성으로 수명을 강화 및 연장시켜 줍니다.
- 견고한 배면(backing)부 (벨트의 뒤쪽 부분) 역시 환경적 오염/공해로부터 탁월한 보호능력을 지니고 있습니다. 또한 내마모성이 탁월하여 벨트의 배면 구동 시에 쉽게 마모될 위험이 적습니다.
- 표면처리 역시 강화 나일론을 사용하여 치 표면을 효과적으로 보호해 줍니다.

## • 이점

- 3M과 5M 피치 벨트 : 속도 20,000 rpm 용량 10 kW까지 가능
- 8M, 14M, 20M 피치 벨트 : 용량 1,000 kW까지 가능 속도
- 잇물림 구동으로 slip 방지
- 폭 넓은 속도범위
- 정속(定速) 구동
- 최대 효율성 99%
- 컴팩트한 디자인. 탁월한 유연성으로 아주 작은 풀리(pulley) 사용가능 (pulley 외경 8.79mm부터 사용 가능)
- 무결점의 장기수명

# POWERGRIP® HTD® SYSTEM SPECIFICATIONS

## POWERGRIP® HTD® BELT DIMENSIONS

파워그립® HTD® 벨트의 3가지 주요 치수는 다음과 같습니다.

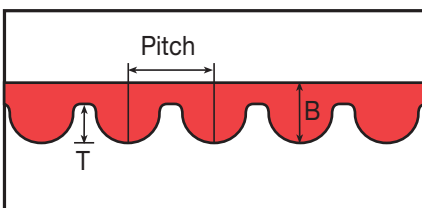
- 피치 (pitch):
- 피치 길이:
- 폭.

벨트의 '피치'란 벨트의 피치라인 상에서 서로 인접한 2개의 벨트 치의 각 중앙 간 거리를 밀리미터 단위로 측정하여 표시한 길이를 말합니다. 벨트 '피치길이'란 원주의 총 길이를 피치라인에서 측정하여 밀리미터 단위로 나타낸 것을 말합니다.

PowerGrip® HTD® 벨트의 이론상 피치라인은 심선에 위치하고 있으며, PowerGrip® HTD® 벨트는 5가지 타입의 피치로 만들어져 있습니다.

### 치수참조

	Pitch mm	T mm	B mm
3M	3.0	1.17	2.41
5M	5.0	2.08	3.81
8M	8.0	3.40	5.60
14M	14.0	6.00	10.00
20M	20.0	8.40	13.20



Gates의 PowerGrip® HTD® 벨트 사이즈는 15 ~ 17페이지에 명시되어 있습니다. 명시된 표에 보시면 벨트 길이와 피치 타입 및 피치 길이와 잇수 등이 나타나 나타나 있으며, 표준 폭도 알 수 있습니다. 여기 명시된 표들을 사용하여 PowerGrip® HTD® ordering code 작성을 위한 모든 정보를 얻을 수 있습니다.

예) : HTD 1040 8M 30  
 HTD ... PowerGrip® HTD®  
 1040 ... 피치길이  
 (Pitch Length) (mm)  
 8M ... 피치 8mm  
 30 ... 벨트 폭(mm)

## POWERGRIP® HTD® PULLEY DIMENSIONS

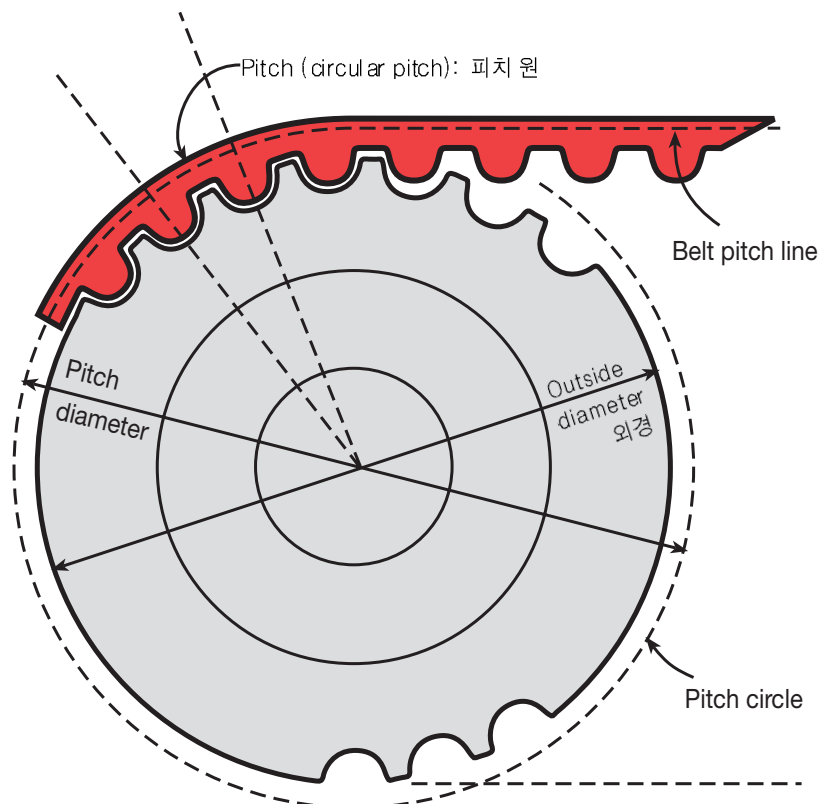
풀리(pulley)의 3가지 주요 치수는 다음과 같습니다

- 피치:
- 그루브(groove)의 수:
- 벨트 폭.

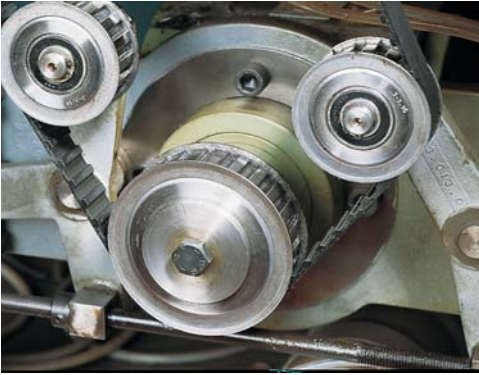
풀리 상에서의 피치는 인접한 2개의 Groove 중앙 간의 거리를 아래 그림과 같이 피치 원 (pitch circle) 기준으로 측정된 것을 말합니다. 풀리의 피치 원 (pitch circle)은 맞물리게 될 벨트의 피치 라인과 일치하게 됩니다. 풀리의 피치 직경은 외경보다 항상 큼니다.

PowerGrip® HTD® 벨트는 피치 값이 같은 풀리에서 운전되어야 합니다. PowerGrip® HTD® 벨트와 풀리는 3, 5, 8, 14, 20mm 피치로 각각 만들어 집니다. 표준 풀리 직경은 149-151 페이지에 명시되어 있습니다. 도표에는 groove의 수, 플랜지 (flange: 테두리) 직경, 그리고 외경 등이 명시되어 있으며 벨트와 풀리의 폭에 대한 정보도 포함되어 있습니다. 도표를 이용하여 풀리 ordering code 작성을 위한 모든 정보를 얻을 수 있습니다.

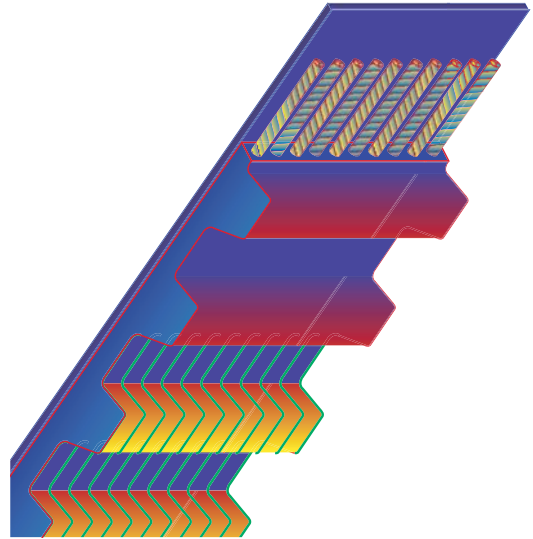
예) : P48-8M-50  
 P48 ... 풀리 명칭(P)과 치의 개수(48)  
 8M ... 피치 8mm  
 50 ... 벨트 폭(mm)



# POWERGRIP® CLASSICAL SYNCHRONOUS BELT COMPONENTS AND BENEFITS



Gates의 PowerGrip® 타이밍 벨트는 특별한 유지관리가 필요 없으며 기존의 체인 및 기어 드라이브를 경제적으로 대체할 수 있는 제품입니다. 프린터와 같이 작은 제품부터 오일펌프 등과 같은 중장비에 이르기까지 그 응용범위가 다양하고 폭 넓습니다.



## • 특성

- 사다리꼴 치형
- 정교하고 아주 정확하게 형성된 천연/합성고무 치가 pulley와 원활하게 맞물리도록 되어 있습니다.
- 유리섬유 코드로 되어 있어 높은 인장강도와 탁월한 유연성으로 수명을 강화 및 연장시켜 줍니다.
- 견고한 배면(backing)부(벨트의 뒤쪽 부분) 역시 환경적 오염/공해로부터 탁월한 보호능력을 지니고 있습니다. 또한 내마모성이 탁월하여 벨트의 배면 구동 시에 쉽게 마모될 위험이 적습니다.
- 표면처리 역시 강화 나일론을 사용하여 치 표면을 효과적으로 보호해 줍니다.

## • 이점

- 최대 150 kW의 파워 트랜스미션 가능 및 최대 10,000 rpm 의 속도 (MXL 피치의 경우 최대 20,000 rpm)
- 잇물림 구동으로 slip 방지
- 정속(定速) 구동
- 고압의 장력을 받지 않으므로 지탱하는 부하가 적음
- 특별한 유지관리 없이 지속적인 가동이 가능
- 폭넓은 부하용량 및 속도
- 경제적인 운영/가동 가능

# POWERGRIP® SYSTEM SPECIFICATIONS

## POWERGRIP® BELT DIMENSIONS

PowerGrip® 벨트의 3가지 주요 치수는 다음과 같습니다.

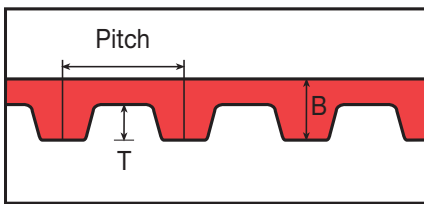
- 피치(pitch) :
- 피치길이 :
- 폭 .

벨트의 '피치'란 벨트의 피치라인 상에서 서로 인접한 2개의 치의 각 중앙 간 거리를 밀리미터 단위로 측정하여 표시한 길이를 말합니다. 벨트 '피치길이'란 원주의 총 길이를 피치라인에서 측정하여 밀리미터 단위로 나타낸 것을 말합니다.

PowerGrip® 벨트의 이론상 피치라인은 심선에 위치하고 있으며, PowerGrip® 벨트는 ISO5296 에 따라 MXL, XL, L, H, XH, XXH 등 6가지 타입의 피치로 만들어져 있습니다.

### 치수참조

Pitch T	B		
	inch	mm	mm
MXL	0.08	0.51	1.14
XL	1/5	1.27	2.3
L	3/8	1.91	3.5
H	1/2	2.29	4.0
XH	7/8	6.35	11.4
XXH	1 1/4	9.53	15.2



Gates PowerGrip® 타이밍 벨트의 사이즈는 18 ~ 20 페이지에 명시되어 있습니다. 명시된 표에 보시면 벨트 길이와 피치 타입 및 피치 길이와 잇수 등이 나타나 나타나 있으며, 표준 폭도 알 수 있습니다. 여기 명시된 표들을 사용하여 PowerGrip® 타이밍 벨트의 ordering code를 작성하기 위한 모든 정보를 얻을 수 있습니다.

- 예) : 600 H 200  
 600 . . . 피치 길이  
           (Pitch Length) 60" (1524.0mm)  
 H . . . . . 피치 1/2 (12.7mm)  
 200 . . . 벨트 폭 2.0 (50.8mm)

## POWERGRIP® PULLEY DIMENSIONS

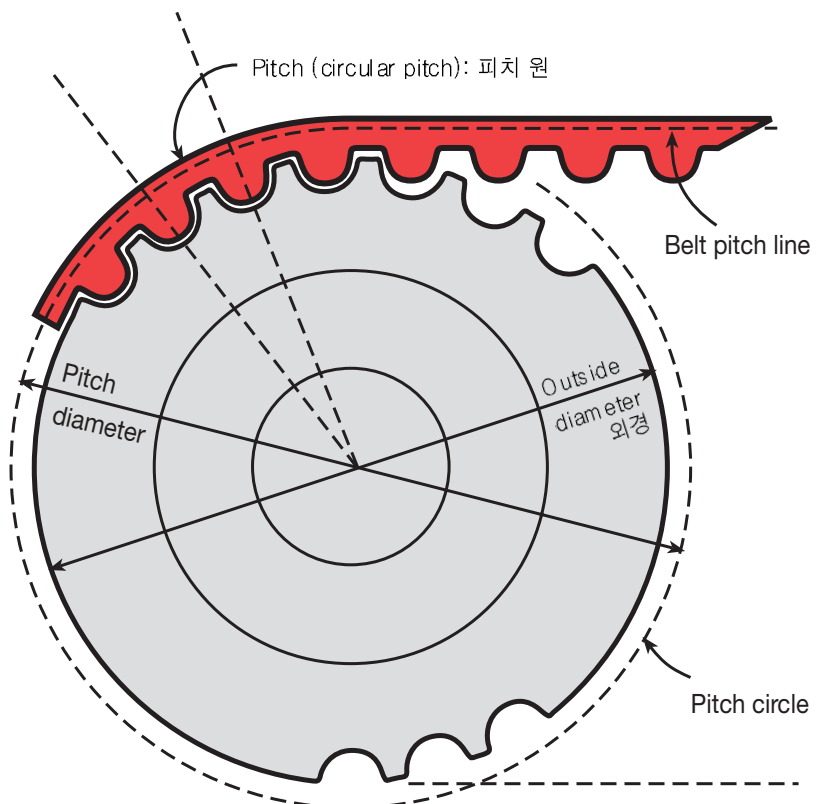
풀리(pulley)의 3가지 주요 치수는 다음과 같습니다

- 피치 :
- 치(groove)의 수 :
- 벨트 폭 .

풀리 상에서의 피치는 인접한 2개의 Groove 중앙 간의 거리를 아래 그림과 같이 피치 원(pitch circle) 기준으로 측정된 것을 말합니다. 풀리의 피치 원(pitch circle)은 맞물리게 될 벨트의 피치 라인과 일치하게 됩니다. 풀리의 피치 직경은 외경보다 항상 큼니다.

주어진 POWERGRIP® 타이밍 벨트는 같은 피치의 풀리에서 구동 되어야 하며, POWERGRIP® 벨트 풀리는 MXL, XL, L, H, XH, XXH 피치로 각각 만들어집니다. 표준 풀리 직경은 152-155 페이지에 명시되어 있습니다. 여기에 나타난 표는 groove의 수, flange 직경, 그리고 외경 등이 명시되어 있으며, 벨트와 풀리의 폭에 관한 정보도 찾을 수 있습니다. 여기 명시된 표를 사용하여 풀리 ordering code작성을 위한 모든 정보를 얻을 수 있습니다.

- 예) : P12-XL-050  
 P12 . . . . . 풀리 명칭(P)과 그루브의 개수(12)  
 XL . . . . . 피치 1/5"  
 050 . . . . . 벨트 폭 1/2"



## TOOLS

### Gates 507C sonic tension meter



벨트 및 타이밍벨트 드라이브 최적의 구동을 하기 위해서는 적절한 벨트 설치가 매우 중요합니다. Gates 507C 음파 장력 측정기 (Gates 507C sonic tension meter)는 센서를 통해 벨트로부터 발생하는 음파(고유주파수)를 분석함으로써 정확한 장력 측정을 간단하게 할 수 있도록 해 줍니다. 장력 측정기는 입력 신호를 처리하여 정확한 장력을 화면에 표시합니다. 소형이며 전산화 함으로써 여러 번 반복되는 장력 측정을 정확하게 하기 위해 데이터를 저장할 수 있습니다. Gates 음파 장력측정기는 간단한 사용설명서(E/20136)가 함께 제공됩니다. 상세한 정보는 160페이지의 장력 측정 방법을 참조하시기 바랍니다.

#### Features

- 최대 20개의 구동시스템에 대해 중량, 폭, span값을 상수로 저장 가능
- 새로운 자동 게인(gain) 조절 기능으로 소음 자동제거
- 에너지 절감 차원에서 5분 이상 사용하지 않을 경우 자동으로 전원 꺼짐
- 측정범위: 10Hz ~ 5000Hz
- 유연한 센서 (cord형 센서 및 전자 센서는 선택 가능)
- H 160mm x D 26mm x W 59mm

#### Optional accessories

##### Cord Sensor

코드센서는 tension meter (장력측정기)로부터 일정 거리를 두고 떨어져서 장력 측정을 할 경우에 권장되는 센서입니다.

##### Inductive Sensor

(전자센서)전자 센서는 특히 소음이나 바람이 심한 환경에서 steel corded (스틸코드) 벨트의 장력 측정 시 권장되는 센서입니다.

##### Sonic tension meter calibrator - model U-305-0S1

본 특수 발진기(oscillator)는 507C의 주파수 테스트에 사용합니다.

본 발진기는 25, 90, 500, 2000, 4000 Hz 등 5가지 타입의 진동(사인파: sine wave)을 발생시키며, 0.1% 이하의 주파수 정확도가 특징입니다.



#### Gates 레이저 얼라인먼트 측정기 LASER AT-1

LASER AT-1은 풀리(pulley) 간의 각도와 평행상태 등에 대한 정렬 상태를 확인해 주며 직경 60mm 이상의 풀리(pulley)에 적합합니다. 설치가 간편하며 레이저를 비추어 신속하게 얼라인먼트(alignment) 상태를 확인하여 조정할 수 있게 해줍니다. 매우 가벼워 비자기성 풀리에 양면 테이프로 부착 가능하며 수평/수직 축에 사용될 수 있습니다. 상세한 정보는 인쇄물 E2/20121을 참조하여 주시기 바랍니다.

#### 주의사항

Gates sonic tension meter 507C와 LASER AT-1은 폭발위험이 있는 지역에서의 사용은 인증되지 않았습니다.

# POWERGRIP® GT3 BELT SIZES

2MGT			2MGT			3MGT		
Pitch: 2 mm			Pitch: 2 mm			Pitch: 3 mm		
Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth
74-2MGT	74	37	370-2MGT	370	185	204-3MGT	204	68
76-2MGT	76	38	380-2MGT	380	190	210-3MGT	210	70
80-2MGT	80	40	386-2MGT	386	193	216-3MGT	216	72
90-2MGT	90	45	392-2MGT	392	196	<b>225-3MGT</b>	<b>225</b>	<b>75</b>
100-2MGT	100	50	400-2MGT	400	200	231-3MGT	231	77
112-2MGT	112	56	406-2MGT	406	203	234-3MGT	234	78
124-2MGT	124	62	412-2MGT	412	206	<b>240-3MGT</b>	<b>240</b>	<b>80</b>
130-2MGT	130	65	420-2MGT	420	210	243-3MGT	243	81
132-2MGT	132	66	428-2MGT	428	214	246-3MGT	246	82
134-2MGT	134	67	430-2MGT	430	215	<b>252-3MGT</b>	<b>252</b>	<b>84</b>
140-2MGT	140	70	436-2MGT	436	218	<b>255-3MGT</b>	<b>255</b>	<b>85</b>
142-2MGT	142	71	466-2MGT	466	233	267-3MGT	267	89
152-2MGT	152	76	474-2MGT	474	237	270-3MGT	270	90
158-2MGT	158	79	480-2MGT	480	240	276-3MGT	276	92
164-2MGT	164	82	488-2MGT	488	244	282-3MGT	282	94
168-2MGT	168	84	502-2MGT	502	251	285-3MGT	285	95
172-2MGT	172	86	516-2MGT	516	258	288-3MGT	288	96
178-2MGT	178	89	534-2MGT	534	267	294-3MGT	294	98
180-2MGT	180	90	544-2MGT	544	272	300-3MGT	300	100
184-2MGT	184	92	576-2MGT	576	288	303-3MGT	303	101
186-2MGT	186	93	580-2MGT	580	290	309-3MGT	309	103
192-2MGT	192	96	600-2MGT	600	300	312-3MGT	312	104
194-2MGT	194	97	660-2MGT	660	330	324-3MGT	324	108
202-2MGT	202	101	690-2MGT	690	345	330-3MGT	330	110
208-2MGT	208	104	816-2MGT	816	408	339-3MGT	339	113
210-2MGT	210	105	930-2MGT	930	465	354-3MGT	354	118
212-2MGT	212	106	1032-2MGT	1032	516	357-3MGT	357	119
216-2MGT	216	108	1164-2MGT	1164	582	360-3MGT	360	120
220-2MGT	220	110	1386-2MGT	1386	693	363-3MGT	363	121
224-2MGT	224	112	1700-2MGT	1700	850	375-3MGT	375	125
232-2MGT	232	116	1830-2MGT	1830	915	384-3MGT	384	128
240-2MGT	240	120				387-3MGT	387	129
242-2MGT	242	121				<b>390-3MGT</b>	<b>390</b>	<b>130</b>
250-2MGT	250	125				393-3MGT	393	131
252-2MGT	252	126				399-3MGT	399	133
264-2MGT	264	132				408-3MGT	408	136
274-2MGT	274	137				420-3MGT	420	140
280-2MGT	280	140				426-3MGT	426	142
284-2MGT	284	142				450-3MGT	450	150
286-2MGT	286	143				456-3MGT	456	152
288-2MGT	288	144				<b>480-3MGT</b>	<b>480</b>	<b>160</b>
304-2MGT	304	152				483-3MGT	483	161
310-2MGT	310	155				489-3MGT	489	163
318-2MGT	318	159				495-3MGT	495	165
320-2MGT	320	160				501-3MGT	501	167
322-2MGT	322	161				510-3MGT	510	170
330-2MGT	330	165				513-3MGT	513	171
332-2MGT	332	166				522-3MGT	522	174
336-2MGT	336	168				537-3MGT	537	179
342-2MGT	342	171				<b>540-3MGT</b>	<b>540</b>	<b>180</b>
356-2MGT	356	178				552-3MGT	552	184
364-2MGT	364	182				561-3MGT	561	187

Available in widths of 3 mm, 6 mm and 9 mm.

3MGT			Pitch: 3 mm		
Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth
105-3MGT	105	35	105-3MGT	105	35
120-3MGT	120	40	120-3MGT	120	40
135-3MGT	135	45	135-3MGT	135	45
144-3MGT	144	48	144-3MGT	144	48
<b>150-3MGT</b>	<b>150</b>	<b>50</b>	<b>150-3MGT</b>	<b>150</b>	<b>50</b>
<b>165-3MGT</b>	<b>165</b>	<b>55</b>	<b>165-3MGT</b>	<b>165</b>	<b>55</b>
174-3MGT	174	58	174-3MGT	174	58
180-3MGT	180	60	180-3MGT	180	60
186-3MGT	186	62	186-3MGT	186	62
192-3MGT	192	64	192-3MGT	192	64
195-3MGT	195	65	195-3MGT	195	65
201-3MGT	201	67	201-3MGT	201	67

# POWERGRIP® GT3 BELT SIZES

## 3MGT

Pitch: 3 mm

Length and pitch designation	Pitch length mm	Number of teeth
564-3MGT	564	188
570-3MGT	570	190
582-3MGT	582	194
588-3MGT	588	196
600-3MGT	600	200
621-3MGT	621	207
630-3MGT	630	210
657-3MGT	657	219
750-3MGT	750	250
840-3MGT	840	280
849-3MGT	849	283
897-3MGT	897	299
1587-3MGT	1587	529
1692-3MGT	1692	564

Available in widths of 6 mm, 9 mm and 15 mm.

## 5MGT

Pitch: 5 mm

Length and pitch designation	Pitch length mm	Number of teeth
200-5MGT	200	40
225-5MGT	225	45
250-5MGT	250	50
265-5MGT	265	53
<b>275-5MGT</b>	<b>275</b>	<b>55</b>
280-5MGT	280	56
285-5MGT	285	57
300-5MGT	300	60
<b>325-5MGT</b>	<b>325</b>	<b>65</b>
330-5MGT	330	66
340-5MGT	340	68
350-5MGT	350	70
360-5MGT	360	72
375-5MGT	375	75
<b>400-5MGT</b>	<b>400</b>	<b>80</b>
410-5MGT	410	82
415-5MGT	415	83
<b>425-5MGT</b>	<b>425</b>	<b>85</b>
<b>450-5MGT</b>	<b>450</b>	<b>90</b>
460-5MGT	460	92
<b>475-5MGT</b>	<b>475</b>	<b>95</b>
490-5MGT	490	98
<b>500-5MGT</b>	<b>500</b>	<b>100</b>
<b>510-5MGT</b>	<b>510</b>	<b>102</b>
<b>525-5MGT</b>	<b>525</b>	<b>105</b>
<b>530-5MGT</b>	<b>530</b>	<b>106</b>
540-5MGT	540	108
<b>550-5MGT</b>	<b>550</b>	<b>110</b>
<b>600-5MGT</b>	<b>600</b>	<b>120</b>
625-5MGT	625	125

## 5MGT

Pitch: 5 mm

Length and pitch designation	Pitch length mm	Number of teeth
<b>650-5MGT</b>	<b>650</b>	<b>130</b>
665-5MGT	665	133
<b>700-5MGT</b>	<b>700</b>	<b>140</b>
<b>750-5MGT</b>	<b>750</b>	<b>150</b>
775-5MGT	775	155
<b>800-5MGT</b>	<b>800</b>	<b>160</b>
<b>850-5MGT</b>	<b>850</b>	<b>170</b>
860-5MGT	860	172
<b>900-5MGT</b>	<b>900</b>	<b>180</b>
<b>950-5MGT</b>	<b>950</b>	<b>190</b>
980-5MGT	980	196
<b>1000-5MGT</b>	<b>1000</b>	<b>200</b>
1050-5MGT	1050	210
<b>1150-5MGT</b>	<b>1150</b>	<b>230</b>
1270-5MGT	1270	254
1500-5MGT	1500	300
<b>2100-5MGT</b>	<b>2100</b>	<b>420</b>
2440-5MGT	2440	488

Available in widths of 9 mm, 15 mm and 25 mm.

## 8MGT

Pitch: 8 mm

Length and pitch designation	Pitch length mm	Number of teeth
<b>384-8MGT</b>	<b>384</b>	<b>48</b>
<b>480-8MGT</b>	<b>480</b>	<b>60</b>
<b>560-8MGT</b>	<b>560</b>	<b>70</b>
<b>600-8MGT</b>	<b>600</b>	<b>75</b>
<b>640-8MGT</b>	<b>640</b>	<b>80</b>
<b>720-8MGT</b>	<b>720</b>	<b>90</b>
<b>800-8MGT</b>	<b>800</b>	<b>100</b>
<b>840-8MGT</b>	<b>840</b>	<b>105</b>
<b>880-8MGT</b>	<b>880</b>	<b>110</b>
<b>920-8MGT</b>	<b>920</b>	<b>115</b>
<b>960-8MGT</b>	<b>960</b>	<b>120</b>
<b>1040-8MGT</b>	<b>1040</b>	<b>130</b>
<b>1064-8MGT</b>	<b>1064</b>	<b>133</b>
<b>1080-8MGT</b>	<b>1080</b>	<b>135</b>
<b>1120-8MGT</b>	<b>1120</b>	<b>140</b>
<b>1160-8MGT</b>	<b>1160</b>	<b>145</b>
<b>1200-8MGT</b>	<b>1200</b>	<b>150</b>
<b>1280-8MGT</b>	<b>1280</b>	<b>160</b>
<b>1440-8MGT</b>	<b>1440</b>	<b>180</b>
<b>1512-8MGT</b>	<b>1512</b>	<b>189</b>
<b>1584-8MGT</b>	<b>1584</b>	<b>198</b>
<b>1600-8MGT</b>	<b>1600</b>	<b>200</b>
<b>1760-8MGT</b>	<b>1760</b>	<b>220</b>
<b>1800-8MGT</b>	<b>1800</b>	<b>225</b>
<b>2000-8MGT</b>	<b>2000</b>	<b>250</b>
<b>2400-8MGT</b>	<b>2400</b>	<b>300</b>

## 8MGT

Pitch: 8 mm

Length and pitch designation	Pitch length mm	Number of teeth
<b>2600-8MGT</b>	<b>2600</b>	<b>325</b>
<b>2800-8MGT</b>	<b>2800</b>	<b>350</b>
<b>3048-8MGT</b>	<b>3048</b>	<b>381</b>
<b>3280-8MGT</b>	<b>3280</b>	<b>410</b>
<b>3600-8MGT</b>	<b>3600</b>	<b>450</b>
<b>4400-8MGT</b>	<b>4400</b>	<b>550</b>

Available in widths of 20 mm, 30 mm, 50 mm and 85 mm.

## 14MGT

Pitch: 14 mm

Length and pitch designation	Pitch length mm	Number of teeth
<b>966-14MGT</b>	<b>966</b>	<b>69</b>
<b>1190-14MGT</b>	<b>1190</b>	<b>85</b>
<b>1400-14MGT</b>	<b>1400</b>	<b>100</b>
<b>1610-14MGT</b>	<b>1610</b>	<b>115</b>
<b>1750-14MGT</b>	<b>1750</b>	<b>125</b>
<b>1778-14MGT</b>	<b>1778</b>	<b>127</b>
<b>1890-14MGT</b>	<b>1890</b>	<b>135</b>
<b>2100-14MGT</b>	<b>2100</b>	<b>150</b>
<b>2310-14MGT</b>	<b>2310</b>	<b>165</b>
<b>2450-14MGT</b>	<b>2450</b>	<b>175</b>
<b>2590-14MGT</b>	<b>2590</b>	<b>185</b>
<b>2800-14MGT</b>	<b>2800</b>	<b>200</b>
<b>3150-14MGT</b>	<b>3150</b>	<b>225</b>
<b>3360-14MGT</b>	<b>3360</b>	<b>240</b>
<b>3500-14MGT</b>	<b>3500</b>	<b>250</b>
<b>3850-14MGT</b>	<b>3850</b>	<b>275</b>
<b>4326-14MGT</b>	<b>4326</b>	<b>309</b>
<b>4578-14MGT</b>	<b>4578</b>	<b>327</b>
<b>4956-14MGT</b>	<b>4956</b>	<b>354</b>
<b>5320-14MGT</b>	<b>5320</b>	<b>380</b>
<b>5740-14MGT</b>	<b>5740</b>	<b>410</b>
<b>6160-14MGT</b>	<b>6160</b>	<b>440</b>
<b>6860-14MGT</b>	<b>6860</b>	<b>490</b>

Available in widths of 40 mm, 55 mm, 85 mm, 115 mm and 170 mm.

Preferred sizes are printed in bold.



# POWERGRIP® HTD® BELT SIZES

3M Pitch: 3 mm			3M Pitch: 3 mm			3M Pitch: 3 mm		
Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth
105-3M	105	35	336-3M	336	112	1071-3M	1071	357
111-3M	111	37	339-3M	339	113	1080-3M	1080	360
120-3M	120	40	342-3M	342	114	1176-3M	1176	392
123-3M	123	41	<b>345-3M</b>	<b>345</b>	<b>115</b>	1245-3M	1245	415
126-3M	126	42	<b>357-3M</b>	<b>357</b>	<b>119</b>	1263-3M	1263	421
129-3M	129	43	363-3M	363	121	1500-3M	1500	500
141-3M	141	47	372-3M	372	124	1530-3M	1530	510
144-3M	144	48	381-3M	381	127	1863-3M	1863	621
<b>150-3M</b>	<b>150</b>	<b>50</b>	<b>384-3M</b>	<b>384</b>	<b>128</b>	1926-3M	1926	642
<b>156-3M</b>	<b>156</b>	<b>52</b>	393-3M	393	131			
<b>159-3M</b>	<b>159</b>	<b>53</b>	<b>420-3M</b>	<b>420</b>	<b>140</b>			
165-3M	165	55	435-3M	435	145			
168-3M	168	56	<b>447-3M</b>	<b>447</b>	<b>149</b>			
171-3M	171	57	462-3M	462	154			
174-3M	174	58	474-3M	474	158			
177-3M	177	59	477-3M	477	159			
180-3M	180	60	480-3M	480	160			
183-3M	183	61	486-3M	486	162			
186-3M	186	62	501-3M	501	167			
189-3M	189	63	<b>513-3M</b>	<b>513</b>	<b>171</b>			
192-3M	192	64	522-3M	522	174			
195-3M	195	65	525-3M	525	175			
<b>201-3M</b>	<b>201</b>	<b>67</b>	<b>531-3M</b>	<b>531</b>	<b>177</b>			
204-3M	204	68	537-3M	537	179			
<b>210-3M</b>	<b>210</b>	<b>70</b>	552-3M	552	184			
213-3M	213	71	558-3M	558	186			
216-3M	216	72	<b>564-3M</b>	<b>564</b>	<b>188</b>			
219-3M	219	73	570-3M	570	190			
222-3M	222	74	573-3M	573	191			
<b>225-3M</b>	<b>225</b>	<b>75</b>	582-3M	582	194			
234-3M	234	78	591-3M	591	197			
237-3M	237	79	594-3M	594	198			
243-3M	243	81	<b>600-3M</b>	<b>600</b>	<b>200</b>			
246-3M	246	82	612-3M	612	204			
249-3M	249	83	627-3M	627	209			
252-3M	252	84	<b>633-3M</b>	<b>633</b>	<b>211</b>			
<b>255-3M</b>	<b>255</b>	<b>85</b>	645-3M	645	215			
<b>267-3M</b>	<b>267</b>	<b>89</b>	648-3M	648	216			
276-3M	276	92	<b>669-3M</b>	<b>669</b>	<b>223</b>			
282-3M	282	94	672-3M	672	224			
<b>285-3M</b>	<b>285</b>	<b>95</b>	681-3M	681	227			
<b>288-3M</b>	<b>288</b>	<b>96</b>	<b>711-3M</b>	<b>711</b>	<b>237</b>			
<b>291-3M</b>	<b>291</b>	<b>97</b>	720-3M	720	240			
294-3M	294	98	735-3M	735	245			
297-3M	297	99	738-3M	738	246			
<b>300-3M</b>	<b>300</b>	<b>100</b>	753-3M	753	251			
<b>306-3M</b>	<b>306</b>	<b>102</b>	<b>804-3M</b>	<b>804</b>	<b>268</b>			
<b>312-3M</b>	<b>312</b>	<b>104</b>	822-3M	822	274			
315-3M	315	105	882-3M	882	294			
<b>318-3M</b>	<b>318</b>	<b>106</b>	945-3M	945	315			
<b>330-3M</b>	<b>330</b>	<b>110</b>	981-3M	981	327			
333-3M	333	111	1002-3M	1002	334			

5M Pitch: 5 mm		
Length and pitch designation	Pitch length mm	Number of teeth
120-5M	120	24
<b>225-5M</b>	<b>225</b>	<b>45</b>
<b>255-5M</b>	<b>255</b>	<b>51</b>
265-5M	265	53
<b>270-5M</b>	<b>270</b>	<b>54</b>
275-5M	275	55
<b>280-5M</b>	<b>280</b>	<b>56</b>
295-5M	295	59
300-5M	300	60
<b>305-5M</b>	<b>305</b>	<b>61</b>
<b>325-5M</b>	<b>325</b>	<b>65</b>
330-5M	330	66
335-5M	335	67
340-5M	340	68
345-5M	345	69
<b>350-5M</b>	<b>350</b>	<b>70</b>
360-5M	360	72
<b>365-5M</b>	<b>365</b>	<b>73</b>
370-5M	370	74
<b>375-5M</b>	<b>375</b>	<b>75</b>
385-5M	385	77
<b>400-5M</b>	<b>400</b>	<b>80</b>
405-5M	405	81
420-5M	420	84
<b>425-5M</b>	<b>425</b>	<b>85</b>
<b>450-5M</b>	<b>450</b>	<b>90</b>
460-5M	460	92
<b>475-5M</b>	<b>475</b>	<b>95</b>
<b>500-5M</b>	<b>500</b>	<b>100</b>
510-5M	510	102
<b>520-5M</b>	<b>520</b>	<b>104</b>
<b>525-5M</b>	<b>525</b>	<b>105</b>

Available in widths of 6 mm, 9 mm and 15 mm.

Preferred sizes are printed in bold.

# POWERGRIP® HTD® BELT SIZES

5M Pitch: 5 mm			5M Pitch: 5 mm			8M Pitch: 8 mm		
Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth
<b>535-5M</b>	<b>535</b>	<b>107</b>	1595-5M	1595	319	<b>1224-8M</b>	<b>1224</b>	<b>153</b>
<b>550-5M</b>	<b>550</b>	<b>110</b>	<b>1690-5M</b>	<b>1690</b>	<b>338</b>	<b>1256-8M</b>	<b>1256</b>	<b>157</b>
<b>560-5M</b>	<b>560</b>	<b>112</b>	<b>1790-5M</b>	<b>1790</b>	<b>358</b>	<b>1264-8M</b>	<b>1264</b>	<b>158</b>
565-5M	565	113	1870-5M	1870	374	<b>1280-8M</b>	<b>1280</b>	<b>160</b>
<b>575-5M</b>	<b>575</b>	<b>115</b>	<b>2100-5M</b>	<b>2100</b>	<b>420</b>	1304-8M	1304	163
<b>580-5M</b>	<b>580</b>	<b>116</b>	<b>2350-5M</b>	<b>2350</b>	<b>470</b>	<b>1360-8M</b>	<b>1360</b>	<b>170</b>
<b>600-5M</b>	<b>600</b>	<b>120</b>	Available in widths of 9 mm, 15 mm and 25 mm.			1424-8M	1424	178
<b>610-5M</b>	<b>610</b>	<b>122</b>				1432-8M	1432	179
<b>615-5M</b>	<b>615</b>	<b>123</b>				<b>1440-8M</b>	<b>1440</b>	<b>180</b>
<b>635-5M</b>	<b>635</b>	<b>127</b>	<b>8M Pitch: 8 mm</b>			1512-8M	1512	189
<b>640-5M</b>	<b>640</b>	<b>128</b>	<b>Length and pitch designation</b>	<b>Pitch length mm</b>	<b>Number of teeth</b>	<b>1520-8M</b>	<b>1520</b>	<b>190</b>
<b>645-5M</b>	<b>645</b>	<b>129</b>	264-8M	264	33	<b>1552-8M</b>	<b>1552</b>	<b>194</b>
<b>665-5M</b>	<b>665</b>	<b>133</b>	320-8M	320	40	1584-8M	1584	198
<b>670-5M</b>	<b>670</b>	<b>134</b>	376-8M	376	47	<b>1600-8M</b>	<b>1600</b>	<b>200</b>
695-5M	695	139	384-8M	384	48	1696-8M	1696	212
<b>700-5M</b>	<b>700</b>	<b>140</b>	<b>424-8M</b>	<b>424</b>	<b>53</b>	1728-8M	1728	216
710-5M	710	142	<b>480-8M</b>	<b>480</b>	<b>60</b>	<b>1760-8M</b>	<b>1760</b>	<b>220</b>
720-5M	720	144	512-8M	512	64	<b>1800-8M</b>	<b>1800</b>	<b>225</b>
<b>740-5M</b>	<b>740</b>	<b>148</b>	<b>520-8M</b>	<b>520</b>	<b>65</b>	1896-8M	1896	237
<b>750-5M</b>	<b>750</b>	<b>150</b>	<b>560-8M</b>	<b>560</b>	<b>70</b>	1904-8M	1904	238
755-5M	755	151	576-8M	576	72	<b>2000-8M</b>	<b>2000</b>	<b>250</b>
770-5M	770	154	<b>600-8M</b>	<b>600</b>	<b>75</b>	<b>2080-8M</b>	<b>2080</b>	<b>260</b>
775-5M	775	155	608-8M	608	76	2200-8M	2200	275
<b>800-5M</b>	<b>800</b>	<b>160</b>	624-8M	624	78	<b>2240-8M</b>	<b>2240</b>	<b>280</b>
825-5M	825	165	<b>640-8M</b>	<b>640</b>	<b>80</b>	<b>2272-8M</b>	<b>2272</b>	<b>284</b>
<b>835-5M</b>	<b>835</b>	<b>167</b>	656-8M	656	82	<b>2400-8M</b>	<b>2400</b>	<b>300</b>
<b>860-5M</b>	<b>860</b>	<b>172</b>	<b>720-8M</b>	<b>720</b>	<b>90</b>	2504-8M	2504	313
870-5M	870	174	<b>760-8M</b>	<b>760</b>	<b>95</b>	<b>2600-8M</b>	<b>2600</b>	<b>325</b>
890-5M	890	178	776-8M	776	97	<b>2800-8M</b>	<b>2800</b>	<b>350</b>
<b>900-5M</b>	<b>900</b>	<b>180</b>	<b>800-8M</b>	<b>800</b>	<b>100</b>	Available in widths of 20 mm, 30 mm, 50 mm and 85 mm.		
925-5M	925	185	856-8M	856	107			
935-5M	935	187	<b>880-8M</b>	<b>880</b>	<b>110</b>			
940-5M	940	188	912-8M	912	114			
<b>950-5M</b>	<b>950</b>	<b>190</b>	<b>920-8M</b>	<b>920</b>	<b>115</b>			
965-5M	965	193	<b>960-8M</b>	<b>960</b>	<b>120</b>			
<b>980-5M</b>	<b>980</b>	<b>196</b>	968-8M	968	121			
1000-5M	1000	200	<b>976-8M</b>	<b>976</b>	<b>122</b>			
1025-5M	1025	205	<b>1000-8M</b>	<b>1000</b>	<b>125</b>			
1035-5M	1035	207	1040-8M	1040	130			
<b>1050-5M</b>	<b>1050</b>	<b>210</b>	<b>1064-8M</b>	<b>1064</b>	<b>133</b>			
<b>1100-5M</b>	<b>1100</b>	<b>220</b>	<b>1080-8M</b>	<b>1080</b>	<b>135</b>			
<b>1125-5M</b>	<b>1125</b>	<b>225</b>	<b>1120-8M</b>	<b>1120</b>	<b>140</b>			
1135-5M	1135	227	1128-8M	1128	141			
1175-5M	1175	235	<b>1160-8M</b>	<b>1160</b>	<b>145</b>			
<b>1200-5M</b>	<b>1200</b>	<b>240</b>	1176-8M	1176	147			
1225-5M	1225	245	<b>1200-8M</b>	<b>1200</b>	<b>150</b>			
1270-5M	1270	254	1216-8M	1216	152			
<b>1350-5M</b>	<b>1350</b>	<b>270</b>						
1380-5M	1380	276						
1420-5M	1420	284						

Preferred sizes are printed in bold.

# POWERGRIP® HTD® BELT SIZES

14M			20M		
Pitch: 14 mm			Pitch: 20 mm		
Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth
784-14M	784	56	2000-20M	2000	100
826-14M	826	59	2500-20M	2500	125
924-14M	924	66	3400-20M	3400	170
<b>966-14M</b>	<b>966</b>	<b>69</b>	3800-20M	3800	190
1092-14M	1092	78	4200-20M	4200	210
<b>1190-14M</b>	<b>1190</b>	<b>85</b>	4600-20M	4600	230
<b>1400-14M</b>	<b>1400</b>	<b>100</b>	5000-20M	5000	250
<b>1610-14M</b>	<b>1610</b>	<b>115</b>	5200-20M	5200	260
<b>1778-14M</b>	<b>1778</b>	<b>127</b>	5400-20M	5400	270
<b>1890-14M</b>	<b>1890</b>	<b>135</b>	5600-20M	5600	280
<b>2100-14M</b>	<b>2100</b>	<b>150</b>	5800-20M	5800	290
<b>2310-14M</b>	<b>2310</b>	<b>165</b>	6000-20M	6000	300
<b>2450-14M</b>	<b>2450</b>	<b>175</b>	6200-20M	6200	310
<b>2590-14M</b>	<b>2590</b>	<b>185</b>	6400-20M	6400	320
<b>2800-14M</b>	<b>2800</b>	<b>200</b>	6600-20M	6600	330
<b>3150-14M</b>	<b>3150</b>	<b>225</b>			
<b>3500-14M</b>	<b>3500</b>	<b>250</b>			
<b>3850-14M</b>	<b>3850</b>	<b>275</b>			
4004-14M	4004	286			
4326-14M	4326	309			
4578-14M	4578	327			

Available in widths of 115 mm, 170 mm, 230 mm, 290 mm and 340 mm.

Available in widths of 40 mm, 55 mm, 85 mm, 115 mm and 170 mm.

Preferred sizes are printed in bold.



# POWERGRIP® BELT SIZES

MXL Pitch: 0.08" (2.032 mm)			MXL Pitch: 0.08" (2.032 mm)			MXL Pitch: 0.08" (2.032 mm)		
Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth
288 MXL	73.152	36	912 MXL	231.648	114	3200 MXL	812.800	400
296 MXL	75.184	37	944 MXL	239.776	118	3264 MXL	829.056	408
320 MXL	81.280	40	960 MXL	243.840	120	<b>3296 MXL</b>	<b>837.184</b>	<b>412</b>
360 MXL	91.440	45	976 MXL	247.904	122	3360 MXL	853.440	420
400 MXL	101.600	50	984 MXL	249.936	123	3392 MXL	861.568	424
424 MXL	107.696	53	1000 MXL	254.000	125	3448 MXL	875.792	431
432 MXL	109.728	54	1008 MXL	256.032	126	3472 MXL	881.888	434
440 MXL	111.760	55	1016 MXL	258.064	127	3520 MXL	894.080	440
448 MXL	113.792	56	1032 MXL	262.128	129	3704 MXL	940.816	463
456 MXL	115.824	57	<b>1040 MXL</b>	<b>264.160</b>	<b>130</b>	3800 MXL	965.200	475
464 MXL	117.856	58	1056 MXL	268.224	132	3904 MXL	991.616	488
472 MXL	119.888	59	1072 MXL	272.288	134	3984 MXL	1011.936	498
<b>480 MXL</b>	<b>121.920</b>	<b>60</b>	1112 MXL	282.448	139	4000 MXL	1016.000	500
488 MXL	123.952	61	<b>1120 MXL</b>	<b>284.480</b>	<b>140</b>	4040 MXL	1026.160	505
504 MXL	128.016	63	1144 MXL	290.576	143	4368 MXL	1109.472	546
520 MXL	132.080	65	1160 MXL	294.640	145	4736 MXL	1202.944	592
<b>536 MXL</b>	<b>136.144</b>	<b>67</b>	1200 MXL	304.800	150	4896 MXL	1243.584	612
544 MXL	138.176	68	1240 MXL	314.960	155	5448 MXL	1383.792	681
552 MXL	140.208	69	1264 MXL	321.056	158			
560 MXL	142.240	70	<b>1280 MXL</b>	<b>325.120</b>	<b>160</b>			
568 MXL	144.272	71	1320 MXL	335.280	165			
<b>576 MXL</b>	<b>146.304</b>	<b>72</b>	<b>1400 MXL</b>	<b>355.600</b>	<b>175</b>			
584 MXL	148.336	73	1472 MXL	373.888	184			
592 MXL	150.368	74	1520 MXL	386.080	190			
600 MXL	152.400	75	1560 MXL	396.240	195			
<b>608 MXL</b>	<b>154.432</b>	<b>76</b>	1600 MXL	406.400	200			
616 MXL	156.464	77	1680 MXL	426.720	210			
632 MXL	160.528	79	1768 MXL	449.072	221			
640 MXL	162.560	80	1800 MXL	457.200	225			
648 MXL	164.592	81	1832 MXL	465.328	229			
<b>656 MXL</b>	<b>166.624</b>	<b>82</b>	1856 MXL	471.424	232			
664 MXL	168.656	83	1880 MXL	477.520	235			
672 MXL	170.688	84	1960 MXL	497.840	245			
680 MXL	172.720	85	1984 MXL	503.936	248			
696 MXL	176.784	87	1992 MXL	505.968	249			
704 MXL	178.816	88	2048 MXL	520.192	256			
720 MXL	182.880	90	2136 MXL	542.544	267			
736 MXL	186.944	92	2240 MXL	568.960	280			
752 MXL	191.008	94	2360 MXL	599.440	295			
760 MXL	193.040	95	2384 MXL	605.536	298			
776 MXL	197.104	97	2400 MXL	609.600	300			
800 MXL	203.200	100	<b>2520 MXL</b>	<b>640.080</b>	<b>315</b>			
808 MXL	205.232	101	2544 MXL	646.176	318			
824 MXL	209.296	103	2608 MXL	662.432	326			
840 MXL	213.360	105	2776 MXL	705.104	347			
848 MXL	215.392	106	2864 MXL	727.456	358			
856 MXL	217.424	107	2880 MXL	731.520	360			
864 MXL	219.456	108	2968 MXL	753.872	371			
872 MXL	221.488	109	2976 MXL	755.904	372			
880 MXL	223.520	110	3120 MXL	792.480	390			

Available in widths of 3.2 mm (1/8", code 012), 4.8 mm (3/16", code 019) and 6.4 mm (1/4", code 025).

Preferred sizes are printed in bold.

# POWERGRIP® BELT SIZES

XL Pitch: 1/5" (5.080 mm)			XL Pitch: 1/5" (5.080 mm)			XL Pitch: 1/5" (5.080 mm)		
Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth	Length and pitch designation	Pitch length mm	Number of teeth
46 XL	116.84	23	178 XL	452.12	89	392 XL	995.68	196
50 XL	127.00	25	<b>180 XL</b>	<b>457.20</b>	<b>90</b>	404 XL	1026.16	202
58 XL	147.32	29	182 XL	462.28	91	412 XL	1046.48	206
<b>60 XL</b>	<b>152.40</b>	<b>30</b>	184 XL	467.36	92	424 XL	1076.96	212
66 XL	167.64	33	188 XL	477.52	94	432XL	1097.28	216
<b>70 XL</b>	<b>177.80</b>	<b>35</b>	<b>190 XL</b>	<b>482.60</b>	<b>95</b>	434 XL	1102.36	217
76 XL	193.04	38	192 XL	487.68	96	438 XL	1112.52	219
78 XL	198.12	39	194 XL	492.76	97	450 XL	1143.00	225
<b>80 XL</b>	<b>203.20</b>	<b>40</b>	196 XL	497.84	98	460 XL	1168.40	230
84 XL	213.36	42	198 XL	502.92	99	490 XL	1244.60	245
86 XL	218.44	43	<b>200 XL</b>	<b>508.00</b>	<b>100</b>	506 XL	1285.24	253
88 XL	223.52	44	202 XL	513.08	101	540 XL	1371.60	270
<b>90 XL</b>	<b>228.60</b>	<b>45</b>	204 XL	518.16	102	554 XL	1407.16	277
92 XL	233.68	46	208 XL	528.32	104	564 XL	1432.56	282
94 XL	238.76	47	<b>210 XL</b>	<b>533.40</b>	<b>105</b>	580 XL	1473.20	290
98 XL	248.92	49	212 XL	538.48	106	592 XL	1503.68	296
<b>100 XL</b>	<b>254.00</b>	<b>50</b>	214 XL	543.56	107	672 XL	1706.88	336
102 XL	259.08	51	<b>220 XL</b>	<b>558.80</b>	<b>110</b>	736 XL	1869.44	368
106 XL	269.24	53	228 XL	579.12	114	770 XL	1955.80	385
108 XL	274.32	54	<b>230 XL</b>	<b>584.20</b>	<b>115</b>			
<b>110 XL</b>	<b>279.40</b>	<b>55</b>	232 XL	589.28	116			
112 XL	284.48	56	234 XL	594.36	117			
114 XL	289.56	57	<b>240 XL</b>	<b>609.60</b>	<b>120</b>			
116 XL	294.64	58	<b>250 XL</b>	<b>635.00</b>	<b>125</b>			
118 XL	299.72	59	<b>260 XL</b>	<b>660.40</b>	<b>130</b>			
<b>120 XL</b>	<b>304.80</b>	<b>60</b>	264 XL	670.56	132			
122 XL	309.88	61	<b>270 XL</b>	<b>685.80</b>	<b>135</b>			
124 XL	314.96	62	274 XL	695.96	137			
126 XL	320.04	63	<b>280 XL</b>	<b>711.20</b>	<b>140</b>			
128 XL	325.12	64	284 XL	721.36	142			
<b>130 XL</b>	<b>330.20</b>	<b>65</b>	286 XL	726.44	143			
132 XL	335.28	66	<b>290 XL</b>	<b>736.60</b>	<b>145</b>			
134 XL	340.36	67	296 XL	751.84	148			
136 XL	345.44	68	<b>300 XL</b>	<b>762.00</b>	<b>150</b>			
138 XL	350.52	69	306 XL	777.24	153			
<b>140 XL</b>	<b>355.60</b>	<b>70</b>	<b>310 XL</b>	<b>787.40</b>	<b>155</b>			
142 XL	360.68	71	316 XL	802.64	158			
144 XL	365.76	72	322 XL	817.88	161			
146 XL	370.84	73	<b>330 XL</b>	<b>838.20</b>	<b>165</b>			
148 XL	375.92	74	340 XL	863.60	170			
<b>150 XL</b>	<b>381.00</b>	<b>75</b>	344 XL	873.76	172			
154 XL	391.16	77	348 XL	883.92	174			
156 XL	396.24	78	350 XL	889.00	175			
158 XL	401.32	79	352 XL	894.08	176			
<b>160 XL</b>	<b>406.40</b>	<b>80</b>	362 XL	919.48	181			
164 XL	416.56	82	372 XL	944.88	186			
166 XL	421.64	83	380 XL	965.20	190			
<b>170 XL</b>	<b>431.80</b>	<b>85</b>	382 XL	970.28	191			
174 XL	441.96	87	384 XL	975.36	192			
176 XL	447.04	88	390 XL	990.60	195			

Available in widths of 6.4 mm (1/4", code 025), 7.9 mm (5/16", code 031) and 9.5 mm (3/8", code 037).

Preferred sizes are printed in bold.



# BELT DRIVE SELECTION PROCEDURE



타이밍 (synchronous) 벨트 드라이브를 설계하기 전에 먼저 다음의 조건들을 확인하여야 합니다.

1. 종동 장치의 유형 및 운전에 필요한 출력 확인
2. 구동 장치의 rpm
3. 종동 장치의 rpm
4. 대략적인 구동 장치의 축간 거리
5. 일일 가동시간

Gates PowerGrip® GT3, PowerGrip® HTD®, PowerGrip® 벨트 드라이브 중 아래의 확인과정을 거쳐 벨트를 선정합니다.

## STEP 1

### 서비스 팩터 결정

벨트의 운전에 있어서 수명은 사용 용도의 특성과 기능에 좌우됩니다. 고객이 검토하는 application에 가장 적절한 서비스 수명과 그에 맞는 설계 과정을 거침으로써 고객은 가장 경제적인 조건의 구동 부를 선정 할 수 있습니다. 만일 구동 조건이 명확히 확인되지 않은 상황이라면, 몇 가지 guide line을 참조해서 적절한 service factor를 찾을 수가 있습니다. 아이들러(idler)를 사용한다면, 기본 service factor에 0.2를 더합니다. 간헐적 또는 계절 별로 운전하는 경우에는 기본 service factor에서 0.2를 뺍니다. 가속 운전의 경우, 하기 표에 주어진 바와 같이 추가인자(factor)를 기본 service factor에 추가합니다.

Speed-up ratio range	Additional factor
1 to 1.24	none
1.25 to 1.74	0.1
1.75 to 2.49	0.2
2.50 to 3.49	0.3
3.50 and over	0.4

전기 브레이크, 플러그 모터 스톱(plugged motor stop), 충격 부하, 부하반전(load reversal) 등과 같이 일반적이지 않은 조건들에는 추가 service factor가 요구됩니다. 이러한 변동 사항들은 Gates의 동력 전달용 벨트 전문가들에게 확인을 해 볼 필요가 있습니다. 서비스 factor가 변화하게 되면 전체 계산 결과도 연동되어 변화하게 됩니다. 대부분의 application에 있어서 본 design manual에서 제공하는 service factor는 적절하게 사용이 가능합니다. 그러나 본 책자에서 명기된 factor가 전적인 판단의 기준이 되는 것을 의미하지는 않습니다. 일반적으로 application의 운전 조건과 환경 (악조건 또는 평이한 조건 등)에 대해 고객이 이해하고 있다면 적절한 service factor를 찾을 수 있습니다.

## STEP 2

### 설계동력계산

**Design power = service factor x power requirement**

- A. 디자인 파워를 (설계동력) 계산하기 위해서는 드라이브에 대한 서비스 팩터를 결정할 필요가 있습니다. 22 페이지에 있는 서비스 팩터 차트를 보고 구동 장치 (모터 또는 엔진 등) 유형을 결정하십시오.
- B. 서비스 팩터 차트를 이용하여 종동 장치(피동측) 대한 서비스 팩터 및 가동 서비스 유형을 결정하십시오.
- C. 드라이브의 파워 요구조건(power requirement)에 선택한 서비스 팩터(service factor)를 곱하십시오. 이렇게 하면 드라이브 설계시 필요한 디자인 파워를 얻을 수 있습니다.

# BELT DRIVE SELECTION PROCEDURE

## SERVICE FACTOR CHART

DRIVE N MACHINE	DRIVE R					
	간헐적인 운전	일반적인 운전	지속적인 운전	간헐적인 운전	일반적인 운전	지속적인 운전
	주기운전 또는 일일 3~8시간	일일8~16 시간	일일16~24 시간	주기운전 또는 일일 3~8시간	일일 8~16 시간	일일16~24 시간
하기에 나열된 driveN machine은 대표적인 샘플만을 명시한 것입니다. 고려 대상 기계에 가장 근접한 부하 특성을 갖는 driveN machine을 선택 하십시오.	AC motors: normal torque, squirrel cage, synchronous, split phase, inverter controlled. DC motors: shunt wound, stepper motors. Engines: multiple cylinder internal combustion.			AC motors: high torque, high slip, repulsion induction, single phase, series wound, slip ring. DC motors: series wound, compound wound, servo motors. Engines: single cylinder internal combustion. Line shafts. Clutches.		
디스플레이 장비. 자판기. 기구 (instrumentation). 측정장비. 의료장비. 사무장비. 영상기기.	1.0	1.2	1.4	1.2	1.4	1.6
가전기기. 청소기. 재봉틀. 스크린:오븐, 드럼, 코니칼(conical). 목공장비 (경량):줄 톱, 드릴, 선반.	1.1	1.3	1.5	1.3	1.5	1.7
액체용교반기(agitator). 컨베이어: 벨트, 경량 패키지. 드릴 프레스. 선반. 톱. 세탁기. 목공장비(중량): 둥근 톱 (circular saws), 대패, 평삭반.	1.2	1.4	1.6	1.6	1.8	2.0
반 액체 용 교반기(agitator). 원심 분리 프레스. 컨베이어 벨트: 광석, 석탄, 모래. 반죽 믹서. 라인 샤프트 (lineshaft). 기계공구: 분쇄기, 형삭반, 천공 압연기, 밀링 머신. 종이제작 기계류 (펄프 제조기 제외): 프레스, 펀치, 전단기. 인쇄 기계류. 펌프: 원심분리기, 기어. 스크린: 회전 장치, 진동장치.	1.3	1.5	1.7	1.6	1.8	2.0
벽돌 제조 기계류(진흙 압착기 제외). 컨베이어: 에이프런, 팬, 버킷, 엘리베이터. 추출장치. 세척기. 선풍기. 원심 분리 송풍장치. 발전기 및 여자기. 호이스트(감아 올리는 기계 장치). 고무 캘린더. 압연기. 압출기.	1.4	1.6	1.8	1.8	2.0	2.2
원심분리기. 나사 컨베이어. 해머압연기. 종이 펄프제조기. 텍스타일(방직)기계류.	1.5	1.7	1.9	1.9	2.1	2.3
송풍장치: 양변위(positive displacement). Mine Fans. Pulverizes(분쇄기).	1.6	1.8	2.0	2.0	2.2	2.4
왕복 컨베이어. 분쇄기: 선회식(gyratory), jaw식, roll식. 압착기(mills): ball, rod, pebble, 등. 펌프: 왕복작동식. 톱날이 장착된 압착기 장비(saw mill equipment)	1.7	1.9	2.1	2.1	2.3	2.5

이러한 서비스 팩터(service factors)는 대부분의 벨트 드라이브 적용형태에 적합한 것입니다. 어떤 기술적인 판단 및 결정적 요인을 가늠하는데 본 서비스 팩터를 참고할 수는 없음을 주의하시기 바랍니다. 서비스 팩터는 실제 운전 조건이 얼마나 혹독하고 엄격한지를 파악하는데 따라 일부 조정될 수도 있습니다.



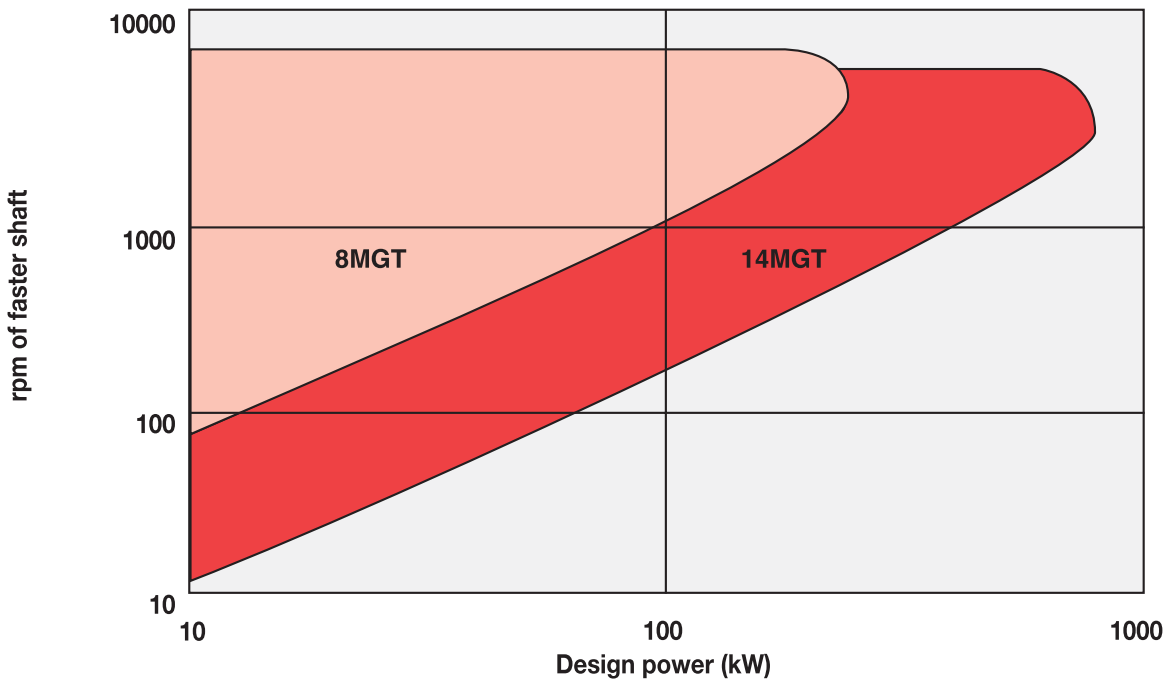
# BELT DRIVE SELECTION PROCEDURE

## STEP 3

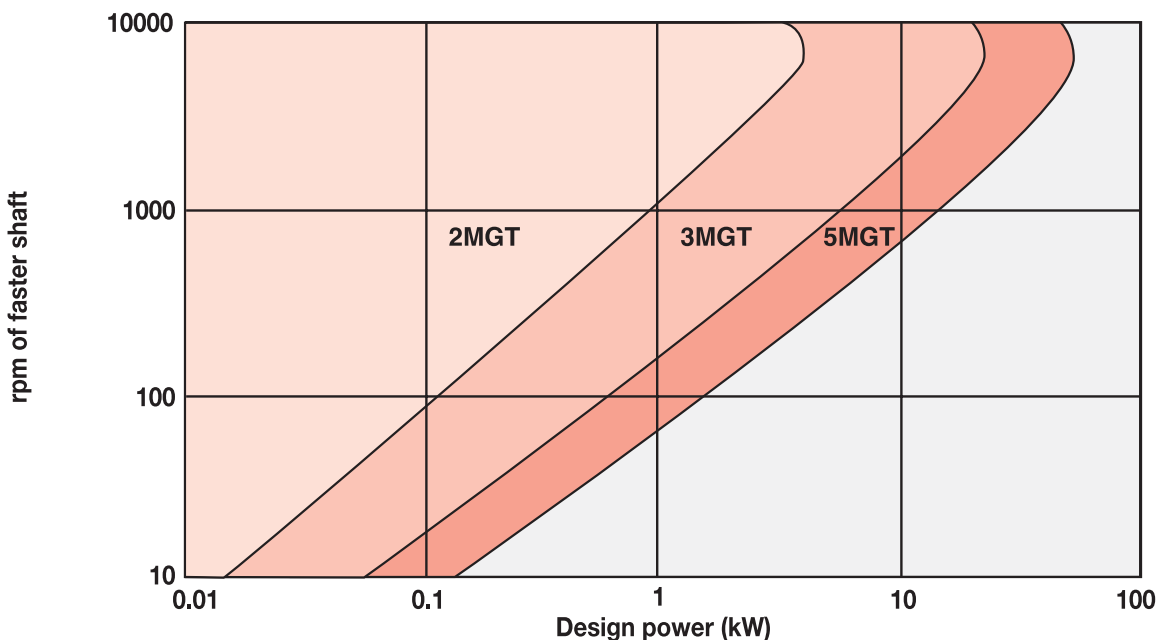
### 벨트의 피치를 결정합니다.

- A. 하기 또는 다음 페이지에 명시된 '벨트 피치 선택 가이드' (BELT PITCH SELECTION GUIDE)를 참조하십시오. 벨트 피치 선택 가이드 중 가로축에 (표의 하단) 디자인 파워 (design power)를 위치시킵니다. 설계 조건에서 속도가 빠른 풀리 (pulley) 의 rpm을 가로축 (표의 좌측) 에서 읽습니다. 가로축과 세로축에서 읽은 값이 교차되는 영역이 해당 디자인의 용도에 맞는 벨트 pitch가 되겠습니다. 교차점이 이 부분 밖으로 벗어난 경우에는 해당 지역 Gates 대리점 등에 연락을 취하시기 바랍니다. 서로 인접한 2개의 피치 간의 라인이 교차점 가까이에 올 경우 둘 중 어느 것을 사용해도 양호한 구동 상태를 구성할 수 있습니다.
- B. 이렇듯 2개의 피치가 서로 유사할 경우 2개의 벨트 피치 모두 사용해서 드라이브를 디자인해 보고 그 중에 해당 사이즈 요건이나 가장 경제적인 드라이브 구성이 가능한 것으로 선택하는 것이 좋습니다.

## POWERGRIP® GT3 8MGT & 14MGT BELT PITCH SELECTION GUIDE



## POWERGRIP® GT3 2MGT, 3MGT & 5MGT BELT PITCH SELECTION GUIDE

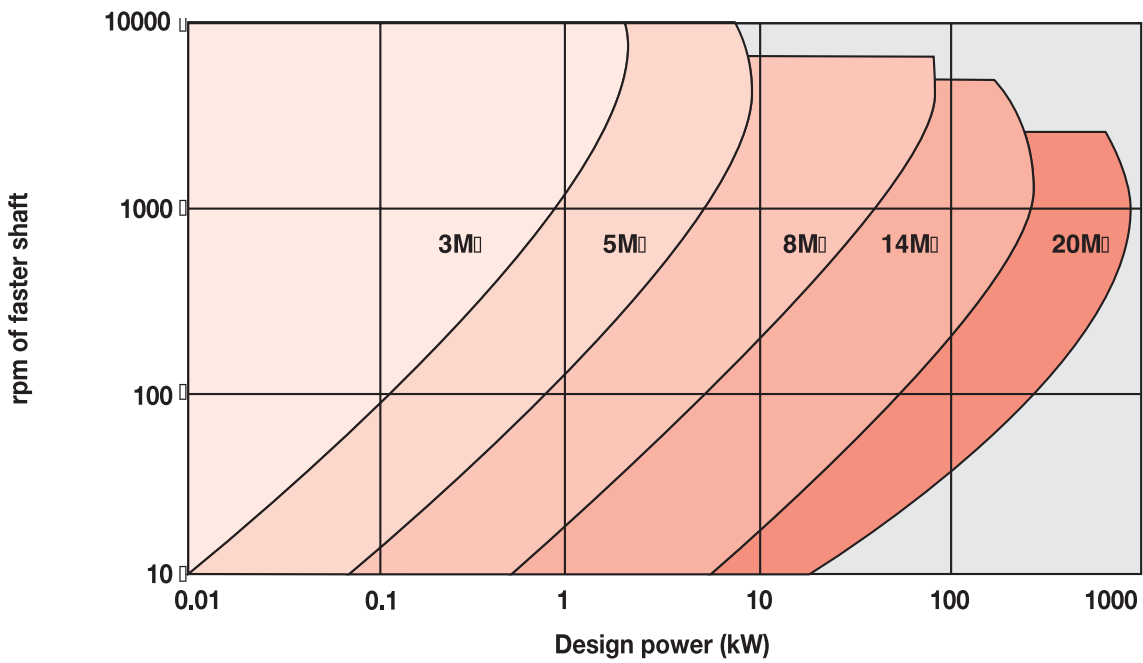


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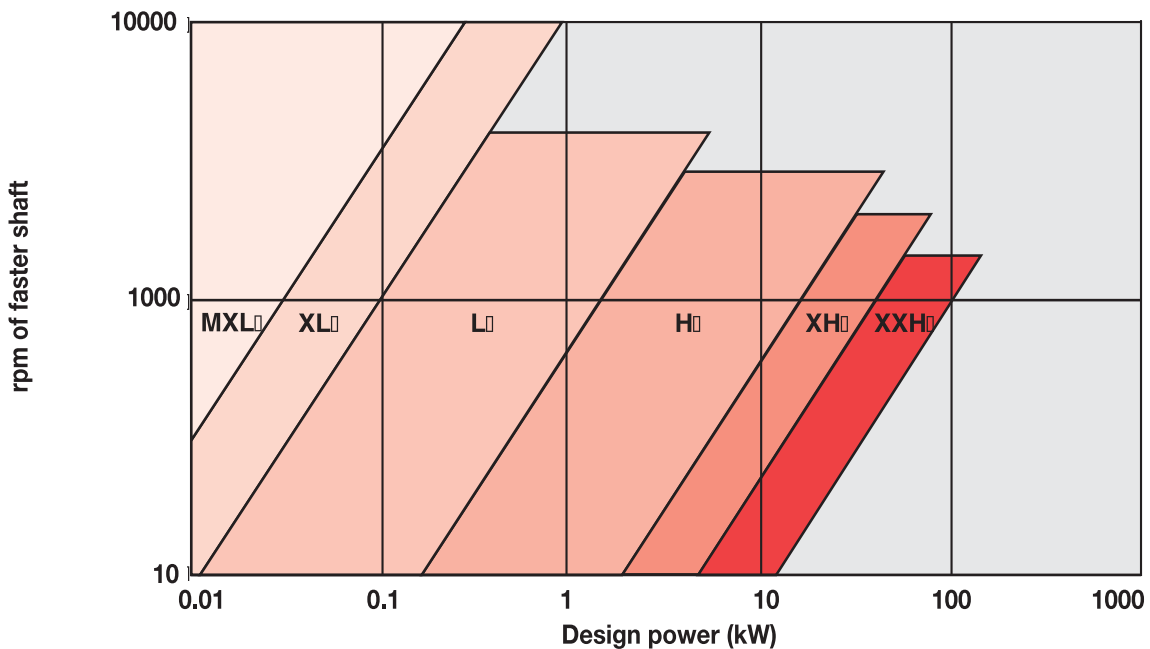
# BELT DRIVE SELECTION PROCEDURE

2

## POWERGRIP® HTD® BELT PITCH SELECTION GUIDE



## POWERGRIP® CLASSICAL TIMING BELT PITCH SELECTION GUIDE



# BELT DRIVE SELECTION PROCEDURE

## STEP 4

### 벨트, 풀리, 축간거리 선정

선택한 벨트에 맞는 축간거리표를 확인합니다.  
(28 ~ 127 페이지)

#### 표준 및 비표준 모터 스피드:

- 빠른 쪽 축(shaft)의 rpm을 느린 쪽 축(shaft)의 rpm으로 나누어 속도 비를 계산합니다. 축간 거리표서 속도 비를 나타내는 쪽의 칼럼을(가로축) 참조하여 요구 조건에 가장 적합한 속도 비를 찾습니다.
- 선택된 속도 비에 따라 각 pulley의 피치 직경과 이수를 기록 합니다. 필요로 하는 요건에 근접한 조합이 여러 가지가 될 경우 사용자는 여러 가지의 구동 조건에서 한가지를 선택 할 수 있습니다.
- 동일 행에서 오른쪽으로 읽어나가면서 요구조건에 가장 근접한 축간 거리를 찾아 기록합니다. 확인된 축간 거리의 값 상단에 벨트 길이 코드가 mm단위로 주어집니다. 이 값들을 기록합니다.

#### 벨트의 길이 및 축간거리를 확정하는데 사용할 수 있는 대체방법

26 페이지의 도표에 보면 축간 거리와 벨트 길이를 신속하고 효과적으로 정하는데 유용한 방법이 나타나 있으며, 이들 값을 design value(설계 값)로 변환할 수 있습니다.본 도표를 사용하여 얻은 벨트길이와 축간 거리의 값은 축간 거리를 어느 정도 조정이 가능한 application에서의 사용에만 맞는 것입니다. 본 도표는 실제 직경과 길이 보다는 피치의 수에 근거하여 만들어진 것입니다.

#### 여기서:

- 풀리 사이즈(Pulley size)
- N = 큰 pulley의 치수 (tooth number)
- n = 작은 pulley의 치수 (tooth number)

벨트길이(Belt length)

$$Nb = \frac{\text{belt length}}{\text{pitch}} \text{ (number of pitches)}$$

축간거리(Centre distance)

$$Nc = \frac{\text{centre distance}}{\text{pitch}} \text{ (number of pitches)}$$

#### 필요한 벨트길이 구하기

- N + n과 Nc의 값을 계산합니다.
- 이 두 점을 연결하여 도표에서 직선을 만듭니다.
- Nb 값을 읽은 후 이 값에 피치를 곱하면 벨트길이(mm)가 나옵니다.
- 13 ~ 20 페이지에 명시된 사이즈를 사용하여 가장 적합한 벨트길이를 선택합니다.
- 이 벨트길이를 피치로 변환하여 이 값을 도표에 다시 적용하여 실제 축간 거리(Nc)를 얻을 수 있습니다.

이 방법은 3:1 이하의 속도비율을 가진 드라이브들에 해당하며 충분한 정확도를 제공합니다. 비율이 3:1 보다 클 경우에는 적절한 교정이 필요할 것입니다.

$$\text{Corrected centre distance} = Nc - \frac{N - n}{1.114 \times Nc}$$

#### 교정된 축간거리 = [공식]

축간 거리 조정에 한계가 있을 경우 앞서 설명한 바와 같이 벨트길이를 mm 단위로 구합니다. 다음 공식을 사용하여 축간거리를 계산합니다.

#### 풀리축간거리(Pulley centre distance)

$$C = \frac{K + \sqrt{K^2 - 32(D - d)^2}}{16}$$

Where K = 4L - 6.28(D + d)

D = pitch circle diameter large pulley (mm)

d = pitch circle diameter small pulley (mm)

L = belt length (mm)

#### 축간거리가 고정된 어플리케이션

축간거리 조정이 불가능한 상황의 경우에는 Gates 어플리케이션 엔지니어에게 연락하시기 바랍니다. 다음 공식에 의해 정확한 값을 계산할 수 있습니다:

#### 1. Belt length (L)

$$L = 2C \sin \frac{\beta}{2} + \frac{\pi}{2} \left[ (D + d) + \left(1 - \frac{\beta}{180}\right) (D - d) \right]$$

$$\text{Where } \beta = 2 \cos^{-1} \left( \frac{D - d}{2C} \right)$$

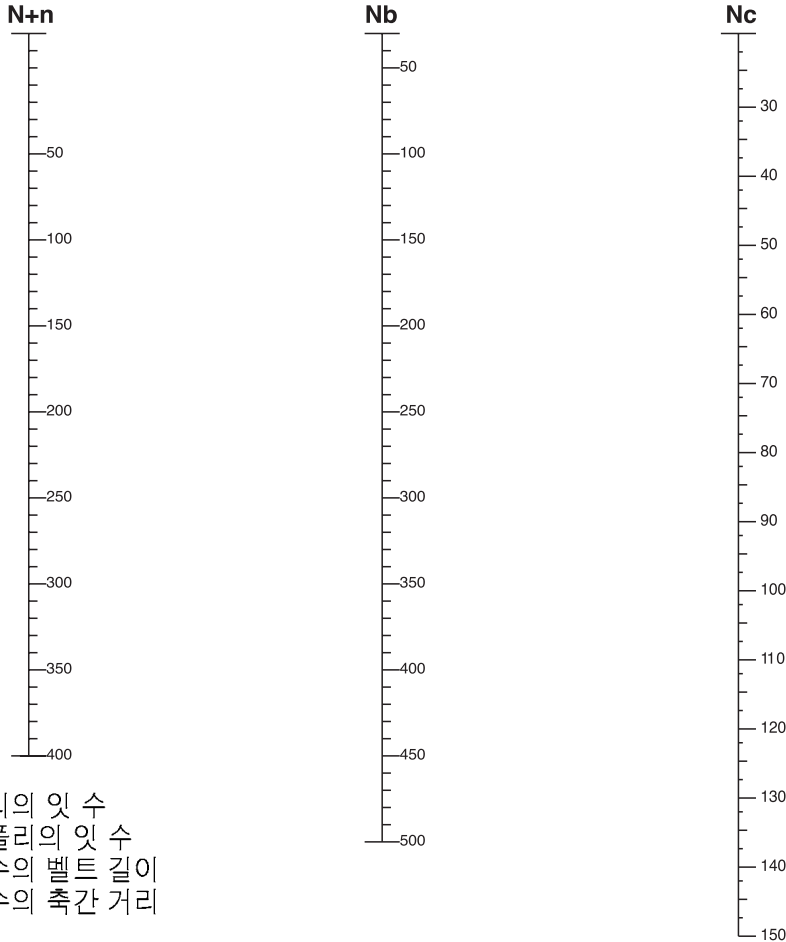
#### 2. Centre distance (C)

$$C = \frac{1}{2 \sin \left( \frac{\beta}{2} \right)} \left\{ L - \frac{\pi}{2} \left[ (D - d) + \left(1 - \frac{\beta}{180}\right) (D - d) \right] \right\}$$

# BELT DRIVE SELECTION PROCEDURE

## DESIGN NOMOGRAM

2



Where N = 큰 풀리의 잇 수  
 n = 작은 풀리의 잇 수  
 Nb = 피치 수의 벨트 길이  
 Nc = 피치 수의 축간 거리

### STEP 5

#### 벨트의 폭을 선택합니다.

A. 128 ~ 147 페이지의 표들은 각 벨트의 동력 (Power rating)을 보여주며 이는 폭 인자와 접목하여 각각의 폭에 따른 동력 전달 능력을 계산하는 자료가 됩니다. 왼쪽 열에 있는 내용은 작은 풀리의 rpm을 나타낸 것입니다. 상단에 있는 행에서는 pulley의 치수와 pitch 경을 표시하고 있습니다. 왼쪽 열의 “빠른 쪽 shaft의 rpm”을 따라 아래 방향으로 작은 pulley의 rpm을 찾고 확인된 값의(rpm) 행에서 해당 pulley의 치수를 맞춘 값이 해당 벨트의 동력 전달 능력이 됩니다.

#### IMPORTANT

중요사항 : 128 ~ 147 페이지에 있는 표들은 벨트-pulley 이 물림 수가 최소 6개인 것을 근거로 한 동력 전달 능력을 나타낸 것입니다. 맞물리는 이 수가 6개 미만인 경우에는 동력 전달 능력에 다음 표에 나타난 값을 곱해야 합니다.

$$\text{Teeth in mesh (T.I.M.)} = n \left[ 0.5 - \frac{(N - n)}{18.85 \times Nc} \right]$$

#### Teeth in mesh factor

Teeth in mesh	≥6	5	4	3	2
Factor	1	0.8	0.6	0.4	0.2

B. Step 5A에서 요약된 벨트의 폭과 동력 전달 능력을 선택합니다. 만일 선정된 동력 전달 능력이 Step 2의 디자인 파워와 같거나 초과할 경우에 이 벨트 폭은 사용 가능한 것입니다. 만일 그렇지 않을 경우에는 벨트 폭을 넓히고 본 Step을 반복하시기 바랍니다. 만일 가장 넓은 벨트 폭으로 적용해도 여전히 적용 불가능할 경우에는 더 큰 풀리 직경이나 또는 더 큰 피치의 벨트를 고려해 볼 수도 있습니다.

C. 설계 조건에 맞는 벨트-풀리 조합이 여러 건이 되는 경우에는 다음을 참고하면 선택에 도움이 될 수 있습니다.  
 a. 풀리 직경이 클수록 벨트 폭은 좁아 집니다.  
 b. 일반적으로 더 큰 직경의 풀리는 shaft와 bearing의 부하와 마모 등을 감소시켜 줍니다.

# BELT DRIVE SELECTION EXAMPLE

원심력을 이용한 송풍기(centrifugal blower)를 AC 모터로 구동하고자 하는 경우, 드라이브 요구조건 및 특성들은 다음과 같습니다:

## Driver Machine

Type : AC motor-normal torque

Power : 740 Watts

Speed : 2850 rpm

Shaft diameter (샤프트 직경) : 19mm

## Driven machine

Type : Centrifugal blower

Power : 600 Watts

Speed : 6800 rpm

Shaft diameter (샤프트 직경) : 12mm

## Drive conditions (가동조건)

원활하고 일정한 부하

가동시간 : 일일 8시간 주당 5일

## Drive design limitation (제한사항)

최대 풀리 직경 = 75mm

축간 거리 = 70mm ± 5mm

아이들러(idler) : 불필요

## STEP 1

### 서비스 팩터(factor) 결정

서비스 factor 도표에서 드라이브에 적합한 서비스 factor를 선택합니다.

기본 서비스 factor = 1.5

이 경우 추가 factor가 더해져야 하며:

가속 factor(Speed up factor):

가속 비율: 6800/2850

추가 factor = 0.2

서비스 factor 결과 = 1.5 + 0.2

= 1.7

## STEP 2

### 설계동력 (design power) 을 계산합니다.

a) 속도 비율을 정합니다.

Driver speed = 2850 rpm

Driven speed = 6800 rpm

Speed ratio = 2.39 (속도 증가)

b) 디자인 파워

드라이브 파워에 서비스 factor를 곱합니다:

600W x 1.7 = 1020W

## STEP 3

### 벨트 피치 결정

23 ~ 24 페이지에 있는 벨트 피치 선정 가이드를 참조하시기 바랍니다. 1020W의 디자인 파워와 6800 rpm의 작은 풀리 속도를 적용합니다. 확인된 구동 조건은 도표에서 3MGT의 동력 전달 영역에 포함됨을 확인할 수 있으므로 3MGT 벨트를 선정합니다.

## STEP 4

### 풀리 조합, 벨트길이, 축간 거리를 선택합니다.

a) Pulley를 선택합니다.

Pulley 크기의 제한 값을 확인합니다. (148 페이지 참고)

구동 풀리 최대 직경 = 75mm

적용 풀리 = 3MR - 72S

중동 풀리 shaft 최소 직경 = 12mm

적용 풀리 = 3MR - 30S

이 때, 2.4:1 의 속도 비율을 줄 수 있는 풀리 조합은 3MR - 72S : 3MR - 30S 가 되는 것입니다.

b) 벨트길이를 선택합니다.

요구되는 축간 거리 = 70 ± 5mm

48페이지의 축간 거리 표에 따르면 상기 풀리와 벨트가 조합을 이룰 때 70.63mm의 축간 거리를 주게 될 300 - 3MGT 벨트가 가장 적합한 것이 됩니다. 따라서, 요구되는 풀리와 벨트의 조합은 다음과 같습니다:

풀리: 3MR - 72S, 3MR - 30S

벨트: 300 - 3MGT

## STEP 5

### 벨트 폭 선정

선정은 항상 작은 풀리를 기준으로 계산하는데 여기서는 6840rpm의 3MR - 30S의 풀리가 해당될 것입니다.

129 페이지의 3MGT의 Power rating 표를 참조하여 6000 및 8000 rpm에 대한 30치 풀리의 동력 전달 능력을 확인하여 기록합니다.

적절한 값이 없을 경우 6840 rpm에 대한 비율로 계산하여 (1920W) 기입합니다.

이 값은 6mm의 폭에 해당합니다.

폭 factor로 곱합니다:

Width	Factor	Watts
6mm	0.62	1190
9mm	1	1920
9mm	1.89	3629

### Teeth in mesh factor

26 페이지를 참조하십시오. 계산된 TIM 값은 14 입니다. 이 값은 5 보다 크므로 factor는 1이 됩니다. 따라서 동력 전달 능력은 변하지 않습니다.

요구되는 설계 동력은 1020W 이므로 6mm의 벨트 폭이 만족되는 조건입니다.

따라서, 선택된 드라이브는 다음과 같습니다:

Driver Pulley (구동 풀리) : 3MR - 72S - 6

Driven Pulley (중동 풀리) : 3MR - 30S - 6

Belt: 300-3MGT - 6

# CENTRE DISTANCE TABLES 2MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
	DriveR	DriveN	Belt length code designation in mm								
			100	130	140	152	164	180	202	210	240
1.00	10	10	40.0	55.0	60.0	66.0	72.0	80.0	91.0	95.0	110.0
1.00	12	12	38.0	53.0	58.0	64.0	70.0	78.0	89.0	93.0	108.0
1.00	14	14	36.0	51.0	56.0	62.0	68.0	76.0	87.0	91.0	106.0
1.00	15	15	35.0	50.0	55.0	61.0	67.0	75.0	86.0	90.0	105.0
1.00	16	16	34.0	49.0	54.0	60.0	66.0	74.0	85.0	89.0	104.0
1.00	18	18	32.0	47.0	52.0	58.0	64.0	72.0	83.0	87.0	102.0
1.00	20	20	30.0	45.0	50.0	56.0	62.0	70.0	81.0	85.0	100.0
1.00	21	21	29.0	44.0	49.0	55.0	61.0	69.0	80.0	84.0	99.0
1.00	22	22	28.0	43.0	48.0	54.0	60.0	68.0	79.0	83.0	98.0
1.00	24	24	26.0	41.0	46.0	52.0	58.0	66.0	77.0	81.0	96.0
1.00	26	26	24.0	39.0	44.0	50.0	56.0	64.0	75.0	79.0	94.0
1.00	28	28		37.0	42.0	48.0	54.0	62.0	73.0	77.0	92.0
1.00	30	30		35.0	40.0	46.0	52.0	60.0	71.0	75.0	90.0
1.00	32	32		33.0	38.0	44.0	50.0	58.0	69.0	73.0	88.0
1.00	36	36		29.0	34.0	40.0	46.0	54.0	65.0	69.0	84.0
1.00	40	40				36.0	42.0	50.0	61.0	65.0	80.0
1.00	44	44					38.0	46.0	57.0	61.0	76.0
1.00	48	48						42.0	53.0	57.0	72.0
1.00	56	56							45.0	49.0	64.0
1.00	64	64									56.0
1.00	72	72									
1.05	20	21	29.5	44.5	49.5	55.5	61.5	69.5	80.5	84.5	99.5
1.05	21	22	28.5	43.5	48.5	54.5	60.5	68.5	79.5	83.5	98.5
1.07	14	15	35.5	50.5	55.5	61.5	67.5	75.5	86.5	90.5	105.5
1.07	15	16	34.5	49.5	54.5	60.5	66.5	74.5	85.5	89.5	104.5
1.07	28	30		36.0	41.0	47.0	53.0	61.0	72.0	76.0	91.0
1.07	30	32			39.0	45.0	51.0	59.0	70.0	74.0	89.0
1.08	24	26	25.0	40.0	45.0	51.0	57.0	65.0	76.0	80.0	95.0
1.08	26	28		38.0	43.0	49.0	55.0	63.0	74.0	78.0	93.0
1.09	22	24	27.0	42.0	47.0	53.0	59.0	67.0	78.0	82.0	97.0
1.09	44	48					36.0	44.0	55.0	59.0	74.0
1.10	20	22	29.0	44.0	49.0	55.0	61.0	69.0	80.0	84.0	99.0
1.10	40	44				34.0	40.0	48.0	59.0	63.0	78.0
1.11	18	20	31.0	46.0	51.0	57.0	63.0	71.0	82.0	86.0	101.0
1.11	36	40			32.0	38.0	44.0	52.0	63.0	67.0	82.0
1.11	72	80									
1.13	16	18	33.0	48.0	53.0	59.0	65.0	73.0	84.0	88.0	103.0
1.13	32	36		31.0	36.0	42.0	48.0	56.0	67.0	71.0	86.0
1.13	64	72									51.9
1.14	14	16	35.0	50.0	55.0	61.0	67.0	75.0	86.0	90.0	105.0
1.14	21	24	27.5	42.5	47.5	53.5	59.5	67.5	78.5	82.5	97.5
1.14	28	32		35.0	40.0	46.0	52.0	60.0	71.0	75.0	90.0
1.14	56	64								44.9	59.9
1.15	26	30		37.0	42.0	48.0	54.0	62.0	73.0	77.0	92.0
1.17	12	14	37.0	52.0	57.0	63.0	69.0	77.0	88.0	92.0	107.0
1.17	18	21	30.5	45.5	50.5	56.5	62.5	70.5	81.5	85.5	100.5
1.17	24	28	24.0	39.0	44.0	50.0	56.0	64.0	75.0	79.0	94.0
1.17	48	56							48.9	52.9	68.0
1.18	22	26	26.0	41.0	46.0	52.0	58.0	66.0	77.0	81.0	96.0
1.20	10	12	39.0	54.0	59.0	65.0	71.0	79.0	90.0	94.0	109.0
1.20	15	18	33.5	48.5	53.5	59.5	65.5	73.5	84.5	88.5	103.5

3  
2 mm

# CENTRE DISTANCE TABLES 2MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
250	288	364	430	488	660	816	976	1164			
115.0	134.0	172.0	205.0	234.0	320.0	398.0	478.0	572.0	10	10	1.00
113.0	132.0	170.0	203.0	232.0	318.0	396.0	476.0	570.0	12	12	1.00
111.0	130.0	168.0	201.0	230.0	316.0	394.0	474.0	568.0	14	14	1.00
110.0	129.0	167.0	200.0	229.0	315.0	393.0	473.0	567.0	15	15	1.00
109.0	128.0	166.0	199.0	228.0	314.0	392.0	472.0	566.0	16	16	1.00
107.0	126.0	164.0	197.0	226.0	312.0	390.0	470.0	564.0	18	18	1.00
105.0	124.0	162.0	195.0	224.0	310.0	388.0	468.0	562.0	20	20	1.00
104.0	123.0	161.0	194.0	223.0	309.0	387.0	467.0	561.0	21	21	1.00
103.0	122.0	160.0	193.0	222.0	308.0	386.0	466.0	560.0	22	22	1.00
101.0	120.0	158.0	191.0	220.0	306.0	384.0	464.0	558.0	24	24	1.00
99.0	118.0	156.0	189.0	218.0	304.0	382.0	462.0	556.0	26	26	1.00
97.0	116.0	154.0	187.0	216.0	302.0	380.0	460.0	554.0	28	28	1.00
95.0	114.0	152.0	185.0	214.0	300.0	378.0	458.0	552.0	30	30	1.00
93.0	112.0	150.0	183.0	212.0	298.0	376.0	456.0	550.0	32	32	1.00
89.0	108.0	146.0	179.0	208.0	294.0	372.0	452.0	546.0	36	36	1.00
85.0	104.0	142.0	175.0	204.0	290.0	368.0	448.0	542.0	40	40	1.00
81.0	100.0	138.0	171.0	200.0	286.0	364.0	444.0	538.0	44	44	1.00
77.0	96.0	134.0	167.0	196.0	282.0	360.0	440.0	534.0	48	48	1.00
69.0	88.0	126.0	159.0	188.0	274.0	352.0	432.0	526.0	56	56	1.00
61.0	80.0	118.0	151.0	180.0	266.0	344.0	424.0	518.0	64	64	1.00
53.0	72.0	110.0	143.0	172.0	258.0	336.0	416.0	510.0	72	72	1.00
104.5	123.5	161.5	194.5	223.5	309.5	387.5	467.5	561.5	21	20	1.05
103.5	122.5	160.5	193.5	222.5	308.5	386.5	466.5	560.5	22	21	1.05
110.5	129.5	167.5	200.5	229.5	315.5	393.5	473.5	567.5	15	14	1.07
109.5	128.5	166.5	199.5	228.5	314.5	392.5	472.5	566.5	16	15	1.07
96.0	115.0	153.0	186.0	215.0	301.0	379.0	459.0	553.0	30	28	1.07
94.0	113.0	151.0	184.0	213.0	299.0	377.0	457.0	551.0	32	30	1.07
100.0	119.0	157.0	190.0	219.0	305.0	383.0	463.0	557.0	26	24	1.08
98.0	117.0	155.0	188.0	217.0	303.0	381.0	461.0	555.0	28	26	1.08
102.0	121.0	159.0	192.0	221.0	307.0	385.0	465.0	559.0	24	22	1.09
79.0	98.0	136.0	169.0	198.0	284.0	362.0	442.0	536.0	48	44	1.09
104.0	123.0	161.0	194.0	223.0	309.0	387.0	467.0	561.0	22	20	1.10
83.0	102.0	140.0	173.0	202.0	288.0	366.0	446.0	540.0	44	40	1.10
106.0	125.0	163.0	196.0	225.0	311.0	389.0	469.0	563.0	20	18	1.11
87.0	106.0	144.0	177.0	206.0	292.0	370.0	450.0	544.0	40	36	1.11
	68.0	106.0	139.0	168.0	254.0	332.0	412.0	506.0	80	72	1.11
108.0	127.0	165.0	198.0	227.0	313.0	391.0	471.0	565.0	18	16	1.13
91.0	110.0	148.0	181.0	210.0	296.0	374.0	454.0	548.0	36	32	1.13
56.9	76.0	114.0	147.0	176.0	262.0	340.0	420.0	514.0	72	64	1.13
110.0	129.0	167.0	200.0	229.0	315.0	393.0	473.0	567.0	16	14	1.14
102.5	121.5	159.5	192.5	221.5	307.5	385.5	465.5	559.5	24	21	1.14
95.0	114.0	152.0	185.0	214.0	300.0	378.0	458.0	552.0	32	28	1.14
65.0	84.0	122.0	155.0	184.0	270.0	348.0	428.0	522.0	64	56	1.14
97.0	116.0	154.0	187.0	216.0	302.0	380.0	460.0	554.0	30	26	1.15
112.0	131.0	169.0	202.0	231.0	317.0	395.0	475.0	569.0	14	12	1.17
105.5	124.5	162.5	195.5	224.5	310.5	388.5	468.5	562.5	21	18	1.17
99.0	118.0	156.0	189.0	218.0	304.0	382.0	462.0	556.0	28	24	1.17
73.0	92.0	130.0	163.0	192.0	278.0	356.0	436.0	530.0	56	48	1.17
101.0	120.0	158.0	191.0	220.0	306.0	384.0	464.0	558.0	26	22	1.18
114.0	133.0	171.0	204.0	233.0	319.0	397.0	477.0	571.0	12	10	1.20
108.5	127.5	165.5	198.5	227.5	313.5	391.5	471.5	565.5	18	15	1.20

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2 mm

# CENTRE DISTANCE TABLES 2MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
	DriveR	DriveN	Belt length code designation in mm								
			100	130	140	152	164	180	202	210	240
1.20	20	24	28.0	43.0	48.0	54.0	60.0	68.0	79.0	83.0	98.0
1.20	30	36		31.9	37.0	43.0	49.0	57.0	68.0	72.0	87.0
1.20	40	48					37.9	45.9	56.9	60.9	76.0
1.22	18	22	30.0	45.0	50.0	56.0	62.0	70.0	81.0	85.0	100.0
1.22	36	44				35.9	41.9	49.9	60.9	65.0	80.0
1.23	26	32		35.9	41.0	47.0	53.0	61.0	72.0	76.0	91.0
1.24	21	26	26.5	41.5	46.5	52.5	58.5	66.5	77.5	81.5	96.5
1.25	12	15	36.5	51.5	56.5	62.5	68.5	76.5	87.5	91.5	106.5
1.25	16	20	32.0	47.0	52.0	58.0	64.0	72.0	83.0	87.0	102.0
1.25	24	30		38.0	43.0	49.0	55.0	63.0	74.0	78.0	93.0
1.25	32	40			33.9	39.9	45.9	53.9	65.0	69.0	84.0
1.25	64	80									
1.25	72	90									
1.27	22	28	24.9	40.0	45.0	51.0	57.0	65.0	76.0	80.0	95.0
1.29	14	18	34.0	49.0	54.0	60.0	66.0	74.0	85.0	89.0	104.0
1.29	28	36		32.9	37.9	43.9	49.9	57.9	69.0	73.0	88.0
1.29	56	72									55.8
1.30	20	26	26.9	42.0	47.0	53.0	59.0	67.0	78.0	82.0	97.0
1.31	16	21	31.5	46.5	51.5	57.5	63.5	71.5	82.5	86.5	101.5
1.33	12	16	36.0	51.0	56.0	62.0	68.0	76.0	87.0	91.0	106.0
1.33	15	20	32.5	47.5	52.5	58.5	64.5	72.5	83.5	87.5	102.5
1.33	18	24	28.9	44.0	49.0	55.0	61.0	69.0	80.0	84.0	99.0
1.33	21	28	25.4	40.4	45.4	51.5	57.5	65.5	76.5	80.5	95.5
1.33	24	32		36.9	41.9	47.9	53.9	61.9	73.0	77.0	92.0
1.33	30	40		29.8	34.9	40.9	46.9	54.9	65.9	69.9	84.9
1.33	36	48				33.8	39.8	47.8	58.9	62.9	77.9
1.33	48	64							44.7	48.7	63.8
1.36	22	30	23.9	38.9	43.9	49.9	55.9	63.9	75.0	79.0	94.0
1.36	44	60							48.7	52.8	67.8
1.38	16	22	30.9	46.0	51.0	57.0	63.0	71.0	82.0	86.0	101.0
1.38	32	44			31.8	37.8	43.8	51.9	62.9	66.9	81.9
1.40	10	14	38.0	53.0	58.0	64.0	70.0	78.0	89.0	93.0	108.0
1.40	15	21	31.9	47.0	52.0	58.0	64.0	72.0	83.0	87.0	102.0
1.40	20	28	25.9	40.9	45.9	51.9	57.9	66.0	77.0	81.0	96.0
1.40	40	56						41.7	52.8	56.8	71.8
1.41	64	90									
1.43	14	20	32.9	48.0	53.0	59.0	65.0	73.0	84.0	88.0	103.0
1.43	21	30	24.3	39.4	44.4	50.4	56.4	64.4	75.4	79.4	94.5
1.43	28	40		30.8	35.8	41.8	47.8	55.9	66.9	70.9	85.9
1.43	56	80									51.4
1.44	18	26	27.9	42.9	47.9	53.9	59.9	68.0	79.0	83.0	98.0
1.45	22	32		37.9	42.9	48.9	54.9	62.9	73.9	77.9	92.9
1.47	15	22	31.4	46.4	51.5	57.5	63.5	71.5	82.5	86.5	101.5
1.47	30	44			32.7	38.7	44.8	52.8	63.8	67.9	82.9
1.50	10	15	37.5	52.5	57.5	63.5	69.5	77.5	88.5	92.5	107.5
1.50	12	18	34.9	50.0	55.0	61.0	67.0	75.0	86.0	90.0	105.0
1.50	14	21	32.4	47.4	52.5	58.5	64.5	72.5	83.5	87.5	102.5
1.50	16	24	29.9	44.9	49.9	55.9	61.9	70.0	81.0	85.0	100.0
1.50	20	30	24.8	39.9	44.9	50.9	56.9	64.9	75.9	79.9	94.9
1.50	24	36		34.8	39.8	45.8	51.9	59.9	70.9	74.9	89.9
1.50	32	48				35.6	41.7	49.7	60.8	64.8	79.8

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2 mm



# CENTRE DISTANCE TABLES 2MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
250	288	364	430	488	660	816	976	1164			
103.0	122.0	160.0	193.0	222.0	308.0	386.0	466.0	560.0	24	20	1.20
92.0	111.0	149.0	182.0	211.0	297.0	375.0	455.0	549.0	36	30	1.20
81.0	100.0	138.0	171.0	200.0	286.0	364.0	444.0	538.0	48	40	1.20
105.0	124.0	162.0	195.0	224.0	310.0	388.0	468.0	562.0	22	18	1.22
85.0	104.0	142.0	175.0	204.0	290.0	368.0	448.0	542.0	44	36	1.22
96.0	115.0	153.0	186.0	215.0	301.0	379.0	459.0	553.0	32	26	1.23
101.5	120.5	158.5	191.5	220.5	306.5	384.5	464.5	558.5	26	21	1.24
111.5	130.5	168.5	201.5	230.5	316.5	394.5	474.5	568.5	15	12	1.25
107.0	126.0	164.0	197.0	226.0	312.0	390.0	470.0	564.0	20	16	1.25
98.0	117.0	155.0	188.0	217.0	303.0	381.0	461.0	555.0	30	24	1.25
89.0	108.0	146.0	179.0	208.0	294.0	372.0	452.0	546.0	40	32	1.25
52.8	71.8	109.9	142.9	171.9	257.9	336.0	416.0	510.0	80	64	1.25
	62.7	100.8	133.9	162.9	248.9	326.9	407.0	501.0	90	72	1.25
100.0	119.0	157.0	190.0	219.0	305.0	383.0	463.0	557.0	28	22	1.27
109.0	128.0	166.0	199.0	228.0	314.0	392.0	472.0	566.0	18	14	1.29
93.0	112.0	150.0	183.0	212.0	298.0	376.0	456.0	550.0	36	28	1.29
60.8	79.8	117.9	150.9	179.9	266.0	344.0	424.0	518.0	72	56	1.29
102.0	121.0	159.0	192.0	221.0	307.0	385.0	465.0	559.0	26	20	1.30
106.5	125.5	163.5	196.5	225.5	311.5	389.5	469.5	563.5	21	16	1.31
111.0	130.0	168.0	201.0	230.0	316.0	394.0	474.0	568.0	16	12	1.33
107.5	126.5	164.5	197.5	226.5	312.5	390.5	470.5	564.5	20	15	1.33
104.0	123.0	161.0	194.0	223.0	309.0	387.0	467.0	561.0	24	18	1.33
100.5	119.5	157.5	190.5	219.5	305.5	383.5	463.5	557.5	28	21	1.33
97.0	116.0	154.0	187.0	216.0	302.0	380.0	460.0	554.0	32	24	1.33
89.9	109.0	147.0	180.0	209.0	295.0	373.0	453.0	547.0	40	30	1.33
82.9	101.9	139.9	173.0	202.0	288.0	366.0	446.0	540.0	48	36	1.33
68.8	87.9	125.9	158.9	187.9	274.0	352.0	432.0	526.0	64	48	1.33
99.0	118.0	156.0	189.0	218.0	304.0	382.0	462.0	556.0	30	22	1.36
72.8	91.9	129.9	162.9	191.9	278.0	356.0	436.0	530.0	60	44	1.36
106.0	125.0	163.0	196.0	225.0	311.0	389.0	469.0	563.0	22	16	1.38
86.9	105.9	143.9	177.0	206.0	292.0	370.0	450.0	544.0	44	32	1.38
113.0	132.0	170.0	203.0	232.0	318.0	396.0	476.0	570.0	14	10	1.40
107.0	126.0	164.0	197.0	226.0	312.0	390.0	470.0	564.0	21	15	1.40
101.0	120.0	158.0	191.0	220.0	306.0	384.0	464.0	558.0	28	20	1.40
76.8	95.9	133.9	166.9	195.9	282.0	360.0	440.0	534.0	56	40	1.40
	66.5	104.7	137.8	166.8	252.9	330.9	410.9	504.9	90	64	1.41
108.0	127.0	165.0	198.0	227.0	313.0	391.0	471.0	565.0	20	14	1.43
99.5	118.5	156.5	189.5	218.5	304.5	382.5	462.5	556.5	30	21	1.43
90.9	109.9	148.0	181.0	210.0	296.0	374.0	454.0	548.0	40	28	1.43
56.5	75.6	113.7	146.8	175.8	261.9	339.9	419.9	513.9	80	56	1.43
103.0	122.0	160.0	193.0	222.0	308.0	386.0	466.0	560.0	26	18	1.44
97.9	117.0	155.0	188.0	217.0	303.0	381.0	461.0	555.0	32	22	1.45
106.5	125.5	163.5	196.5	225.5	311.5	389.5	469.5	563.5	22	15	1.47
87.9	106.9	144.9	177.9	207.0	293.0	371.0	451.0	545.0	44	30	1.47
112.5	131.5	169.5	202.5	231.5	317.5	395.5	475.5	569.5	15	10	1.50
110.0	129.0	167.0	200.0	229.0	315.0	393.0	473.0	567.0	18	12	1.50
107.5	126.5	164.5	197.5	226.5	312.5	390.5	470.5	564.5	21	14	1.50
105.0	124.0	162.0	195.0	224.0	310.0	388.0	468.0	562.0	24	16	1.50
99.9	119.0	157.0	190.0	219.0	305.0	383.0	463.0	557.0	30	20	1.50
94.9	113.9	152.0	185.0	214.0	300.0	378.0	458.0	552.0	36	24	1.50
84.8	103.9	141.9	174.9	203.9	290.0	368.0	448.0	542.0	48	32	1.50

3

2  
mm

# CENTRE DISTANCE TABLES 2MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
	DriveR	DriveN	Belt length code designation in mm								
			100	130	140	152	164	180	202	210	240
1.50	40	60						39.5	50.6	54.6	69.7
1.50	48	72								44.3	59.5
1.52	21	32	23.2	38.3	43.4	49.4	55.4	63.4	74.4	78.4	93.4
1.54	26	40		31.7	36.7	42.8	48.8	56.8	67.9	71.9	86.9
1.56	18	28	26.8	41.9	46.9	52.9	58.9	66.9	77.9	81.9	96.9
1.56	72	112									
1.57	14	22	31.9	46.9	51.9	57.9	63.9	72.0	83.0	87.0	102.0
1.57	28	44			33.6	39.7	45.7	53.8	64.8	68.8	83.8
1.60	10	16	37.0	52.0	57.0	63.0	69.0	77.0	88.0	92.0	107.0
1.60	15	24	30.4	45.4	50.4	56.4	62.4	70.4	81.4	85.5	100.5
1.60	20	32	23.7	38.8	43.8	49.9	55.9	63.9	74.9	78.9	93.9
1.60	30	48				36.5	42.6	50.7	61.7	65.8	80.8
1.60	40	64							48.4	52.4	67.6
1.61	56	90									
1.63	16	26	28.8	43.9	48.9	54.9	60.9	68.9	79.9	83.9	98.9
1.64	22	36		35.7	40.8	46.8	52.8	60.8	71.9	75.9	90.9
1.64	44	72								46.1	61.4
1.67	12	20	33.9	48.9	53.9	59.9	66.0	74.0	85.0	89.0	104.0
1.67	18	30	25.7	40.8	45.8	51.9	57.9	65.9	76.9	80.9	95.9
1.67	24	40		32.6	37.7	43.7	49.7	57.8	68.8	72.8	87.9
1.67	36	60						41.3	52.4	56.5	71.6
1.67	48	80									55.1
1.69	26	44		29.4	34.5	40.6	46.6	54.7	65.8	69.8	84.8
1.71	14	24	30.8	45.9	50.9	56.9	62.9	70.9	81.9	85.9	100.9
1.71	21	36		36.2	41.2	47.3	53.3	61.3	72.3	76.4	91.4
1.71	28	48			31.4	37.5	43.5	51.6	62.7	66.7	81.8
1.73	15	26	29.3	44.4	49.4	55.4	61.4	69.4	80.4	84.4	99.4
1.73	26	45		28.9	34.0	40.0	46.1	54.2	65.2	69.2	84.3
1.75	12	21	33.4	48.4	53.4	59.4	65.4	73.4	84.5	88.5	103.5
1.75	16	28	27.7	42.8	47.8	53.9	59.9	67.9	78.9	82.9	97.9
1.75	32	56					37.2	45.4	56.5	60.5	75.6
1.75	64	112									
1.78	18	32	24.6	39.7	44.8	50.8	56.8	64.8	75.9	79.9	94.9
1.80	10	18	35.9	50.9	55.9	61.9	68.0	76.0	87.0	91.0	106.0
1.80	20	36		36.6	41.7	47.7	53.8	61.8	72.8	76.8	91.9
1.80	40	72							43.8	47.9	63.2
2.00	22	44		31.2	36.3	42.4	48.5	56.6	67.6	71.7	86.7
1.83	12	22	32.8	47.9	52.9	58.9	64.9	72.9	83.9	87.9	103.0
1.83	24	44		30.3	35.4	41.5	47.6	55.6	66.7	70.7	85.8
1.86	14	26	29.8	44.8	49.9	55.9	61.9	69.9	80.9	84.9	99.9
1.87	15	28	28.2	43.3	48.3	54.3	60.4	68.4	79.4	83.4	98.4
1.88	16	30	26.6	41.8	46.8	52.8	58.8	66.9	77.9	81.9	96.9
1.88	32	60						43.1	54.3	58.3	73.5
1.88	48	90									
1.89	72	136									
1.90	21	40		34.0	39.0	45.1	51.1	59.2	70.2	74.3	89.3
2.00	10	20	34.9	49.9	54.9	60.9	66.9	74.9	85.9	89.9	105.0
2.00	12	24	31.8	46.8	51.9	57.9	63.9	71.9	82.9	86.9	101.9
2.00	14	28	28.7	43.8	48.8	54.8	60.8	68.9	79.9	83.9	98.9
2.00	15	30	27.1	42.2	47.3	53.3	59.3	67.3	78.4	82.4	97.4
2.00	16	32	25.5	40.7	45.7	51.7	57.8	65.8	76.8	80.8	95.9

3  
2 mm

# CENTRE DISTANCE TABLES 2MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
250	288	364	430	488	660	816	976	1164			
74.7	93.8	131.8	164.9	193.9	279.9	357.9	438.0	532.0	60	40	1.50
64.5	83.7	121.8	154.8	183.8	269.9	347.9	427.9	521.9	72	48	1.50
98.4	117.4	155.5	188.5	217.5	303.5	381.5	461.5	555.5	32	21	1.52
91.9	110.9	148.9	181.9	211.0	297.0	375.0	455.0	549.0	40	26	1.54
102.0	121.0	159.0	192.0	221.0	307.0	385.0	465.0	559.0	28	18	1.56
		89.1	122.3	151.5	237.7	315.7	395.8	489.8	112	72	1.56
107.0	126.0	164.0	197.0	226.0	312.0	390.0	470.0	564.0	22	14	1.57
88.9	107.9	145.9	178.9	207.9	294.0	372.0	452.0	546.0	44	28	1.57
112.0	131.0	169.0	202.0	231.0	317.0	395.0	475.0	569.0	16	10	1.60
105.5	124.5	162.5	195.5	224.5	310.5	388.5	468.5	562.5	24	15	1.60
98.9	117.9	156.0	189.0	218.0	304.0	382.0	462.0	556.0	32	20	1.60
85.8	104.8	142.9	175.9	204.9	290.9	369.0	449.0	543.0	48	30	1.60
72.6	91.7	129.8	162.8	191.8	277.9	355.9	435.9	529.9	64	40	1.60
	70.2	108.5	141.6	170.7	256.8	334.8	414.9	508.9	90	56	1.61
104.0	123.0	161.0	194.0	223.0	309.0	387.0	467.0	561.0	26	16	1.63
95.9	114.9	152.9	185.9	215.0	301.0	379.0	459.0	553.0	36	22	1.64
66.4	85.5	123.7	156.7	185.8	271.9	349.9	429.9	523.9	72	44	1.64
109.0	128.0	166.0	199.0	228.0	314.0	392.0	472.0	566.0	20	12	1.67
100.9	119.9	158.0	191.0	220.0	306.0	384.0	464.0	558.0	30	18	1.67
92.9	111.9	149.9	182.9	211.9	298.0	376.0	456.0	550.0	40	24	1.67
76.6	95.7	133.8	166.8	195.9	281.9	359.9	439.9	533.9	60	36	1.67
60.1	79.3	117.6	150.7	179.7	265.8	343.8	423.9	517.9	80	48	1.67
89.8	108.8	146.9	179.9	208.9	294.9	373.0	453.0	547.0	44	26	1.69
106.0	125.0	163.0	196.0	225.0	311.0	389.0	469.0	563.0	24	14	1.71
96.4	115.4	153.4	186.4	215.4	301.5	379.5	459.5	553.5	36	21	1.71
86.8	105.8	143.9	176.9	205.9	291.9	369.9	450.0	544.0	48	28	1.71
104.4	123.5	161.5	194.5	223.5	309.5	387.5	467.5	561.5	26	15	1.73
89.3	108.3	146.4	179.4	208.4	294.4	372.5	452.5	546.5	45	26	1.73
108.5	127.5	165.5	198.5	227.5	313.5	391.5	471.5	565.5	21	12	1.75
102.9	121.9	160.0	193.0	222.0	308.0	386.0	466.0	560.0	28	16	1.75
80.6	99.7	137.8	170.8	199.9	285.9	363.9	443.9	537.9	56	32	1.75
		92.7	126.1	155.2	241.5	319.6	399.7	493.8	112	64	1.75
99.9	118.9	156.9	189.9	219.0	305.0	383.0	463.0	557.0	32	18	1.78
111.0	130.0	168.0	201.0	230.0	316.0	394.0	474.0	568.0	18	10	1.80
96.9	115.9	153.9	186.9	215.9	302.0	380.0	460.0	554.0	36	20	1.80
68.2	87.4	125.6	158.7	187.7	273.8	351.9	431.9	525.9	72	40	1.80
91.7	110.8	148.8	181.9	210.9	296.9	374.9	454.9	549.0	44	22	2.00
108.0	127.0	165.0	198.0	227.0	313.0	391.0	471.0	565.0	22	12	1.83
90.8	109.8	147.9	180.9	209.9	295.9	373.9	454.0	548.0	44	24	1.83
104.9	123.9	162.0	195.0	224.0	310.0	388.0	468.0	562.0	26	14	1.86
103.4	122.4	160.4	193.5	222.5	308.5	386.5	466.5	560.5	28	15	1.87
101.9	120.9	158.9	191.9	221.0	307.0	385.0	465.0	559.0	30	16	1.88
78.5	97.6	135.7	168.8	197.8	283.9	361.9	441.9	535.9	60	32	1.88
54.3	73.8	112.2	145.4	174.5	260.7	338.7	418.8	512.8	90	48	1.88
		75.2	109.1	138.5	225.1	303.3	383.5	477.6	136	72	1.89
94.3	113.3	151.4	184.4	213.4	299.4	377.5	457.5	551.5	40	21	1.90
110.0	129.0	167.0	200.0	229.0	315.0	393.0	473.0	567.0	20	10	2.00
106.9	125.9	164.0	197.0	226.0	312.0	390.0	470.0	564.0	24	12	2.00
103.9	122.9	160.9	193.9	223.0	309.0	387.0	467.0	561.0	28	14	2.00
102.4	121.4	159.4	192.4	221.4	307.5	385.5	465.5	559.5	30	15	2.00
100.9	119.9	157.9	190.9	219.9	306.0	384.0	464.0	558.0	32	16	2.00

3

2 mm

# CENTRE DISTANCE TABLES 2MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
	DriveR	DriveN	Belt length code designation in mm								
			100	130	140	152	164	180	202	210	240
2.00	18	36		37.6	42.6	48.7	54.7	62.7	73.8	77.8	92.8
2.00	20	40		34.4	39.5	45.6	51.6	59.7	70.7	74.7	89.8
2.00	22	44		31.2	36.3	42.4	48.5	56.6	67.6	71.7	86.7
2.00	24	48			33.1	39.3	45.4	53.5	64.5	68.6	83.7
2.00	28	56				32.8	39.0	47.2	58.3	62.4	77.5
2.00	30	60					35.7	44.0	55.2	59.2	74.4
2.00	32	64							52.0	56.1	71.3
2.00	36	72							45.6	49.7	65.0
2.00	40	80									58.6
2.00	56	112									
2.08	72	150									
2.10	10	21	34.3	49.4	54.4	60.4	66.4	74.4	85.4	89.4	104.4
2.10	21	44		31.6	36.8	42.9	49.0	57.0	68.1	72.1	87.2
2.13	15	32	25.9	41.1	46.2	52.2	58.2	66.3	77.3	81.3	96.3
2.13	64	136									
2.14	14	30	27.5	42.7	47.7	53.8	59.8	67.8	78.8	82.8	97.9
2.14	28	60					36.6	44.8	56.1	60.1	75.3
2.17	12	26	30.7	45.8	50.8	56.8	62.8	70.9	81.9	85.9	100.9
2.18	22	48		28.8	34.0	40.1	46.3	54.4	65.5	69.5	84.6
2.20	10	22	33.8	48.9	53.9	59.9	65.9	73.9	84.9	88.9	103.9
2.20	20	44		32.1	37.2	43.3	49.4	57.5	68.6	72.6	87.7
2.22	18	40		35.3	40.4	46.5	52.5	60.6	71.7	75.7	90.7
2.25	16	36	23.1	38.5	43.5	49.6	55.6	63.7	74.7	78.7	93.8
2.25	32	72							47.3	51.4	66.8
2.25	40	90									52.6
2.29	14	32	26.4	41.6	46.6	52.7	58.7	66.8	77.8	81.8	96.8
2.29	21	48		29.2	34.4	40.6	46.7	54.8	65.9	70.0	85.1
2.29	28	64						42.4	53.8	57.9	73.1
2.31	26	60					37.4	45.7	57.0	61.0	76.2
2.33	12	28	29.6	44.7	49.7	55.8	61.8	69.8	80.8	84.8	99.9
2.33	24	56				34.5	40.7	48.9	60.1	64.2	79.3
2.33	48	112									
2.34	64	150									
2.40	10	24	32.7	47.8	52.8	58.8	64.8	72.9	83.9	87.9	102.9
2.40	15	36	23.5	38.9	44.0	50.1	56.1	64.2	75.2	79.2	94.3
2.40	20	48		29.7	34.9	41.0	47.2	55.3	66.4	70.4	85.5
2.40	30	72							48.1	52.3	67.7
2.43	56	136									
2.44	18	44		33.0	38.1	44.2	50.3	58.4	69.5	73.5	88.6
2.50	12	30	28.4	43.6	48.7	54.7	60.7	68.8	79.8	83.8	98.8
2.50	16	40		36.2	41.3	47.4	53.5	61.5	72.6	76.6	91.7
2.50	24	60					38.3	46.6	57.9	61.9	77.1
2.50	32	80							42.2	46.5	62.1
2.57	14	36	24.0	39.4	44.4	50.5	56.6	64.6	75.7	79.7	94.7
2.57	28	72							49.0	53.1	68.6
2.60	10	26	31.6	46.7	51.7	57.8	63.8	71.8	82.8	86.9	101.9
2.67	12	32	27.3	42.5	47.6	53.6	59.7	67.7	78.7	82.8	97.8
2.67	18	48		30.5	35.7	41.9	48.0	56.2	67.3	71.4	86.5
2.67	24	64					35.7	44.2	55.5	59.6	74.9
2.68	56	150									
2.73	22	60				32.7	39.1	47.4	58.8	62.8	78.1

3  
2 mm

# CENTRE DISTANCE TABLES 2MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
250	288	364	430	488	660	816	976	1164			
97.8	116.9	154.9	187.9	216.9	302.9	381.0	461.0	555.0	36	18	2.00
94.8	113.8	151.9	184.9	213.9	299.9	377.9	458.0	552.0	40	20	2.00
91.7	110.8	148.8	181.9	210.9	296.9	374.9	454.9	549.0	44	22	2.00
88.7	107.7	145.8	178.8	207.9	293.9	371.9	451.9	545.9	48	24	2.00
82.5	101.6	139.7	172.8	201.8	287.9	365.9	445.9	539.9	56	28	2.00
79.4	98.5	136.7	169.7	198.8	284.8	362.9	442.9	536.9	60	30	2.00
76.3	95.5	133.6	166.7	195.7	281.8	359.9	439.9	533.9	64	32	2.00
70.1	89.3	127.5	160.6	189.7	275.8	353.8	433.8	527.9	72	36	2.00
63.7	83.0	121.3	154.5	183.6	269.7	347.8	427.8	521.8	80	40	2.00
		96.3	129.8	159.0	245.4	323.5	403.6	497.7	112	56	2.00
			100.9	130.6	217.6	296.0	376.2	470.3	150	72	2.08
109.4	128.5	166.5	199.5	228.5	314.5	392.5	472.5	566.5	21	10	2.10
92.2	111.3	149.3	182.4	211.4	297.4	375.4	455.4	549.5	44	21	2.10
101.4	120.4	158.4	191.4	220.4	306.5	384.5	464.5	558.5	32	15	2.13
		78.6	112.7	142.1	228.9	307.1	387.3	481.5	136	64	2.13
102.9	121.9	159.9	192.9	221.9	308.0	386.0	466.0	560.0	30	14	2.14
80.4	99.5	137.6	170.7	199.7	285.8	363.9	443.9	537.9	60	28	2.14
105.9	124.9	162.9	195.9	225.0	311.0	389.0	469.0	563.0	26	12	2.17
89.6	108.7	146.8	179.8	208.8	294.9	372.9	452.9	546.9	48	22	2.18
108.9	127.9	166.0	199.0	228.0	314.0	392.0	472.0	566.0	22	10	2.20
92.7	111.7	149.8	182.8	211.9	297.9	375.9	455.9	549.9	44	20	2.20
95.7	114.8	152.8	185.9	214.9	300.9	378.9	458.9	553.0	40	18	2.22
98.8	117.8	155.9	188.9	217.9	303.9	381.9	462.0	556.0	36	16	2.25
71.9	91.1	129.4	162.5	191.6	277.7	355.8	435.8	529.8	72	32	2.25
57.8	77.4	115.9	149.2	178.3	264.5	342.6	422.7	516.8	90	40	2.25
101.8	120.9	158.9	191.9	220.9	306.9	385.0	465.0	559.0	32	14	2.29
90.1	109.2	147.2	180.3	209.3	295.4	373.4	453.4	547.4	48	21	2.29
78.2	97.3	135.5	168.6	197.7	283.8	361.8	441.9	535.9	64	28	2.29
81.3	100.4	138.6	171.7	200.7	286.8	364.8	444.9	538.9	60	26	2.31
104.9	123.9	161.9	194.9	223.9	310.0	388.0	468.0	562.0	28	12	2.33
84.4	103.5	141.6	174.7	203.7	289.8	367.9	447.9	541.9	56	24	2.33
	60.5	99.9	133.4	162.7	249.2	327.4	407.5	501.6	112	48	2.33
			104.4	134.2	221.3	299.7	380.0	474.2	150	64	2.34
107.9	126.9	164.9	197.9	227.0	313.0	391.0	471.0	565.0	24	10	2.40
99.3	118.3	156.4	189.4	218.4	304.4	382.4	462.5	556.5	36	15	2.40
90.6	109.6	147.7	180.8	209.8	295.9	373.9	453.9	547.9	48	20	2.40
72.8	92.0	130.3	163.5	192.5	278.7	356.7	436.8	530.8	72	30	2.40
		82.0	116.2	145.8	232.6	311.0	391.2	485.3	136	56	2.43
93.6	112.7	150.8	183.8	212.8	298.9	376.9	456.9	550.9	44	18	2.44
103.8	122.9	160.9	193.9	222.9	308.9	387.0	467.0	561.0	30	12	2.50
96.7	115.7	153.8	186.8	215.9	301.9	379.9	459.9	553.9	40	16	2.50
82.2	101.4	139.5	172.6	201.7	287.8	365.8	445.9	539.9	60	24	2.50
67.3	86.6	125.1	158.3	187.4	273.6	351.7	431.7	525.8	80	32	2.50
99.8	118.8	156.8	189.9	218.9	304.9	382.9	462.9	557.0	36	14	2.57
73.7	92.9	131.3	164.4	193.5	279.6	357.7	437.8	531.8	72	28	2.57
106.9	125.9	163.9	196.9	225.9	312.0	390.0	470.0	564.0	26	10	2.60
102.8	121.8	159.9	192.9	221.9	307.9	385.9	466.0	560.0	32	12	2.67
91.5	110.6	148.7	181.7	210.8	296.8	374.9	454.9	548.9	48	18	2.67
80.0	99.2	137.4	170.5	199.6	285.7	363.8	443.8	537.8	64	24	2.67
		72.8	107.8	137.7	225.0	303.5	383.8	478.1	150	56	2.68
83.1	102.3	140.5	173.6	202.6	288.7	366.8	446.8	540.9	60	22	2.73

3

2 mm

# CENTRE DISTANCE TABLES 2MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
	DriveR	DriveN	Belt length code designation in mm								
			100	130	140	152	164	180	202	210	240
2.75	16	44		33.8	39.0	45.1	51.2	59.3	70.4	74.5	89.6
2.77	26	72						38.2	49.8	54.0	69.5
2.80	10	28	30.5	45.6	50.7	56.7	62.7	70.8	81.8	85.8	100.8
2.80	20	56				36.2	42.4	50.7	61.9	66.0	81.2
2.80	40	112									
2.81	32	90									55.9
2.83	48	136									
2.86	14	40		37.1	42.2	48.3	54.4	62.5	73.5	77.6	92.6
2.86	21	60				33.1	39.5	47.9	59.2	63.3	78.5
2.86	28	80							43.8	48.1	63.8
2.93	15	44		34.2	39.4	45.6	51.7	59.8	70.9	74.9	90.0
3.00	10	30	29.3	44.5	49.6	55.6	61.7	69.7	80.7	84.8	99.8
3.00	12	36	24.8	40.3	45.4	51.4	57.5	65.6	76.6	80.6	95.7
3.00	16	48		31.3	36.6	42.8	48.9	57.1	68.2	72.3	87.4
3.00	20	60				33.6	40.0	48.3	59.6	63.7	79.0
3.00	24	72						39.0	50.7	54.9	70.3
3.11	18	56			30.6	37.0	43.3	51.6	62.8	66.9	82.1
3.13	48	150									
3.14	14	44		34.7	39.9	46.0	52.1	60.2	71.4	75.4	90.5
3.20	10	32	28.1	43.4	48.5	54.5	60.6	68.6	79.7	83.7	98.8
3.20	15	48		31.7	37.0	43.2	49.4	57.5	68.7	72.7	87.9
3.20	20	64					37.3	45.8	57.3	61.4	76.7
3.21	28	90									57.6
3.27	22	72						39.8	51.5	55.7	71.2
3.33	12	40		37.9	43.1	49.2	55.3	63.4	74.5	78.5	93.6
3.33	18	60				34.4	40.8	49.2	60.5	64.6	79.9
3.33	24	80							45.5	49.8	65.6
3.43	14	48		32.2	37.4	43.7	49.8	58.0	69.2	73.2	88.3
3.43	21	72						40.2	51.9	56.1	71.7
3.50	16	56			31.4	37.8	44.2	52.4	63.7	67.8	83.0
3.50	32	112									
3.56	18	64					38.2	46.7	58.1	62.3	77.6
3.60	10	36	25.7	41.2	46.3	52.3	58.4	66.5	77.6	81.6	96.6
3.60	20	72						40.6	52.4	56.6	72.1
3.67	12	44		35.5	40.7	46.9	53.0	61.1	72.3	76.3	91.4
3.75	16	60				35.2	41.6	50.0	61.4	65.5	80.8
3.75	24	90								42.7	59.2
3.75	40	150									
4.00	10	40	23.0	38.8	44.0	50.1	56.2	64.3	75.4	79.4	94.5
4.00	12	48		33.0	38.3	44.5	50.7	58.9	70.1	74.1	89.3
4.00	14	56			32.2	38.7	45.0	53.3	64.6	68.7	83.9
4.00	15	60				35.6	42.0	50.5	61.8	65.9	81.2
4.00	16	64				32.3	39.0	47.5	59.0	63.1	78.5
4.00	18	72						41.4	53.2	57.4	73.0
4.00	20	80							47.1	51.4	67.3
4.00	28	112									
4.25	32	136									
4.29	14	60				36.0	42.4	50.9	62.3	66.4	81.7
4.40	10	44		36.4	41.6	47.8	53.9	62.1	73.2	77.2	92.4
4.44	18	80							47.9	52.2	68.1
4.50	16	72						42.2	54.0	58.3	73.8

3  
2 mm

# CENTRE DISTANCE TABLES 2MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
250	288	364	430	488	660	816	976	1164			
94.6	113.7	151.7	184.8	213.8	299.9	377.9	457.9	551.9	44	16	2.75
74.6	93.9	132.2	165.4	194.4	280.6	358.7	438.8	532.8	72	26	2.77
105.8	124.9	162.9	195.9	224.9	310.9	389.0	469.0	563.0	28	10	2.80
86.2	105.4	143.5	176.6	205.7	291.8	369.8	449.9	543.9	56	20	2.80
	63.8	103.5	137.1	166.4	253.0	331.2	411.4	505.5	112	40	2.80
61.2	80.9	119.6	152.9	182.1	268.4	346.5	426.6	520.7	90	32	2.81
		85.4	119.7	149.4	236.3	314.8	395.0	489.2	136	48	2.83
97.6	116.7	154.8	187.8	216.8	302.9	380.9	460.9	554.9	40	14	2.86
83.6	102.7	141.0	174.1	203.1	289.2	367.3	447.3	541.4	60	21	2.86
69.0	88.4	126.9	160.1	189.3	275.5	353.6	433.7	527.7	80	28	2.86
95.1	114.1	152.2	185.3	214.3	300.4	378.4	458.4	552.4	44	15	2.93
104.8	123.8	161.9	194.9	223.9	309.9	387.9	468.0	562.0	30	10	3.00
100.7	119.8	157.8	190.8	219.9	305.9	383.9	463.9	557.9	36	12	3.00
92.4	111.5	149.7	182.7	211.8	297.8	375.9	455.9	549.9	48	16	3.00
84.0	103.2	141.4	174.5	203.6	289.7	367.8	447.8	541.9	60	20	3.00
75.4	94.8	133.1	166.3	195.4	281.6	359.7	439.7	533.8	72	24	3.00
87.2	106.3	144.5	177.6	206.6	292.8	370.8	450.8	544.9	56	18	3.11
		75.9	111.2	141.3	228.7	307.3	387.6	481.9	150	48	3.13
95.5	114.6	152.7	185.8	214.8	300.8	378.9	458.9	552.9	44	14	3.14
103.8	122.8	160.8	193.9	222.9	308.9	386.9	466.9	561.0	32	10	3.20
92.9	112.0	150.1	183.2	212.2	298.3	376.4	456.4	550.4	48	15	3.20
81.8	101.0	139.3	172.4	201.5	287.7	365.7	445.8	539.8	64	20	3.20
62.9	82.6	121.4	154.7	183.9	270.3	348.4	428.5	522.6	90	28	3.21
76.3	95.7	134.1	167.2	196.4	282.6	360.6	440.7	534.8	72	22	3.27
98.6	117.7	155.7	188.8	217.8	303.9	381.9	461.9	555.9	40	12	3.33
84.9	104.1	142.4	175.5	204.6	290.7	368.8	448.8	542.8	60	18	3.33
70.7	90.2	128.8	162.0	191.2	277.4	355.6	435.6	529.7	80	24	3.33
93.4	112.5	150.6	183.7	212.7	298.8	376.8	456.9	550.9	48	14	3.43
76.8	96.1	134.5	167.7	196.8	283.0	361.1	441.2	535.3	72	21	3.43
88.1	107.2	145.4	178.5	207.6	293.7	371.8	451.8	545.9	56	16	3.50
	67.1	107.0	140.7	170.1	256.7	335.0	415.2	509.4	112	32	3.50
82.7	101.9	140.2	173.4	202.5	288.6	366.7	446.8	540.8	64	18	3.56
101.7	120.7	158.8	191.8	220.8	306.9	384.9	464.9	558.9	36	10	3.60
77.2	96.6	135.0	168.2	197.3	283.5	361.6	441.7	535.7	72	20	3.60
96.5	115.6	153.7	186.7	215.8	301.8	379.9	459.9	553.9	44	12	3.67
85.9	105.1	143.3	176.4	205.5	291.7	369.7	449.8	543.8	60	16	3.75
64.6	84.4	123.2	156.6	185.8	272.2	350.4	430.5	524.6	90	24	3.75
		79.1	114.6	144.7	232.4	311.0	391.4	485.7	150	40	3.75
99.5	118.6	156.7	189.8	218.8	304.9	382.9	462.9	556.9	40	10	4.00
94.3	113.4	151.6	184.6	213.7	299.8	377.8	457.9	551.9	48	12	4.00
89.0	108.2	146.4	179.5	208.6	294.7	372.8	452.8	546.8	56	14	4.00
86.3	105.5	143.8	176.9	206.0	292.1	370.2	450.3	544.3	60	15	4.00
83.6	102.9	141.2	174.3	203.4	289.6	367.7	447.7	541.8	64	16	4.00
78.1	97.5	135.9	169.1	198.3	284.5	362.6	442.7	536.7	72	18	4.00
72.5	92.0	130.6	163.9	193.1	279.3	357.5	437.6	531.7	80	20	4.00
	68.7	108.7	142.5	171.9	258.6	336.9	417.1	511.3	112	28	4.00
		92.0	126.6	156.5	243.7	322.3	402.6	496.9	136	32	4.25
86.8	106.0	144.3	177.4	206.5	292.6	370.7	450.8	544.8	60	14	4.29
97.4	116.5	154.6	187.7	216.7	302.8	380.8	460.9	554.9	44	10	4.40
73.3	92.9	131.5	164.8	194.0	280.3	358.5	438.6	532.6	80	18	4.44
79.0	98.4	136.8	170.1	199.2	285.4	363.6	443.6	537.7	72	16	4.50

3  
2 mm

# CENTRE DISTANCE TABLES 2MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
			Belt length code designation in mm								
	DriveR	DriveN	100	130	140	152	164	180	202	210	240
4.50	20	90								44.3	60.9
4.57	14	64				33.1	39.8	48.4	59.9	64.0	79.4
4.67	12	56			33.0	39.5	45.8	54.2	65.5	69.6	84.8
4.67	24	112									
4.69	32	150									
4.80	10	48		33.8	39.1	45.4	51.6	59.8	71.0	75.0	90.2
4.86	28	136									
5.00	12	60			30.0	36.8	43.3	51.7	63.1	67.3	82.6
5.00	16	80							48.7	53.0	69.0
5.00	18	90								45.0	61.7
5.14	14	72					33.8	43.0	54.9	59.1	74.7
5.33	12	64				33.9	40.6	49.2	60.7	64.9	80.3
5.36	28	150									
5.60	10	56		28.1	33.8	40.3	46.7	55.0	66.4	70.5	85.7
5.60	20	112									
5.63	16	90							41.0	45.8	62.5
5.67	24	136									
5.71	14	80						36.8	49.5	53.8	69.8
6.00	10	60			30.8	37.6	44.1	52.6	64.0	68.1	83.5
6.00	12	72					34.6	43.8	55.7	59.9	75.6
6.22	18	112									
6.25	24	150									
6.40	10	64				34.6	41.4	50.0	61.6	65.7	81.2
6.43	14	90							41.8	46.6	63.3
6.67	12	80						37.6	50.3	54.7	70.7
6.80	20	136									
7.00	16	112									
7.20	10	72					35.3	44.6	56.5	60.8	76.4
7.50	12	90							42.5	47.3	64.1
7.50	20	150									
7.56	18	136									
8.00	10	80						38.3	51.1	55.5	71.5
8.00	14	112									
8.33	18	150									
8.50	16	136									
9.00	10	90							43.3	48.1	64.9
9.33	12	112									46.6
9.38	16	150									
9.71	14	136									
10.71	14	150									
11.20	10	112									47.4
11.33	12	136									
12.50	12	150									
13.60	10	136									
15.00	10	150									

3  
2 mm



# CENTRE DISTANCE TABLES 2MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
250	288	364	430	488	660	816	976	1164			
66.2	86.1	125.0	158.4	187.7	274.1	352.3	432.4	526.5	90	20	4.50
84.5	103.8	142.1	175.3	204.4	290.6	368.7	448.7	542.8	64	14	4.57
89.9	109.1	147.3	180.5	209.5	295.7	373.7	453.8	547.8	56	12	4.67
	70.3	110.4	144.3	173.7	260.5	338.8	419.1	513.2	112	24	4.67
		82.3	118.0	148.2	236.0	314.8	395.2	489.6	150	32	4.69
95.2	114.4	152.5	185.6	214.7	300.8	378.8	458.8	552.9	48	10	4.80
		93.6	128.4	158.3	245.6	324.2	404.5	498.8	136	28	4.86
87.7	106.9	145.2	178.3	207.4	293.6	371.7	451.7	545.8	60	12	5.00
74.2	93.8	132.4	165.7	194.9	281.3	359.4	439.5	533.6	80	16	5.00
67.0	87.0	125.9	159.3	188.6	275.0	353.3	433.4	527.5	90	18	5.00
79.9	99.3	137.8	171.0	200.1	286.4	364.5	444.6	538.7	72	14	5.14
85.4	104.7	143.0	176.2	205.3	291.5	369.6	449.7	543.7	64	12	5.33
		83.8	119.6	149.9	237.8	316.6	397.1	491.5	150	28	5.36
90.8	110.0	148.3	181.4	210.5	296.6	374.7	454.8	548.8	56	10	5.60
50.2	72.0	112.2	146.1	175.6	262.4	340.7	421.0	515.2	112	20	5.60
67.9	87.8	126.8	160.3	189.5	276.0	354.2	434.4	528.5	90	16	5.63
		95.2	130.1	160.0	247.4	326.0	406.4	500.7	136	24	5.67
75.0	94.7	133.3	166.7	195.9	282.2	360.4	440.5	534.6	80	14	5.71
88.6	107.8	146.1	179.3	208.4	294.6	372.7	452.7	546.8	60	10	6.00
80.7	100.2	138.7	171.9	201.1	287.4	365.5	445.6	539.7	72	12	6.00
50.9	72.8	113.0	146.9	176.5	263.3	341.7	421.9	516.1	112	18	6.22
		85.4	121.3	151.7	239.6	318.5	399.0	493.4	150	24	6.25
86.3	105.6	144.0	177.2	206.3	292.5	370.6	450.7	544.7	64	10	6.40
68.7	88.7	127.7	161.2	190.5	276.9	355.2	435.3	529.4	90	14	6.43
75.9	95.5	134.3	167.6	196.8	283.2	361.4	441.5	535.6	80	12	6.67
		96.9	131.8	161.8	249.3	327.9	408.3	502.6	136	20	6.80
51.7	73.6	113.9	147.8	177.4	264.2	342.6	422.9	517.1	112	16	7.00
81.6	101.1	139.6	172.9	202.0	288.3	366.5	446.6	540.6	72	10	7.20
69.5	89.5	128.6	162.1	191.4	277.9	356.1	436.3	530.4	90	12	7.50
		87.0	123.0	153.4	241.4	320.3	400.9	495.3	150	20	7.50
		97.7	132.6	162.6	250.2	328.9	409.3	503.6	136	18	7.56
76.7	96.4	135.2	168.5	197.7	284.1	362.3	442.4	536.5	80	10	8.00
52.4	74.4	114.7	148.7	178.3	265.2	343.6	423.9	518.1	112	14	8.00
		87.7	123.8	154.2	242.3	321.2	401.8	496.2	150	18	8.33
		98.5	133.5	163.5	251.1	329.8	410.2	504.6	136	16	8.50
70.3	90.4	129.5	163.0	192.3	278.8	357.1	437.3	531.4	90	10	9.00
53.1	75.2	115.6	149.6	179.2	266.1	344.5	424.8	519.0	112	12	9.33
		88.5	124.6	155.1	243.3	322.2	402.7	497.2	150	16	9.38
	54.5	99.3	134.3	164.4	252.0	330.7	411.2	505.5	136	14	9.71
		89.3	125.5	156.0	244.2	323.1	403.7	498.1	150	14	10.71
53.9	75.9	116.4	150.5	180.1	267.0	345.5	425.8	520.0	112	10	11.20
	55.2	100.1	135.2	165.3	252.9	331.6	412.1	506.5	136	12	11.33
		90.1	126.3	156.8	245.1	324.0	404.6	499.1	150	12	12.50
	55.9	100.9	136.0	166.1	253.8	332.6	413.1	507.4	136	10	13.60
		90.8	127.1	157.7	246.0	324.9	405.5	500.0	150	10	15.00

3

2 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			120	*135	150	165	180	195	210	*240	*270	300
1.00	10	10	45.0	52.5	60.0	67.5	75.0	82.5	90.0	105.0	120.0	135.0
1.00	12	12	42.0	49.5	57.0	64.5	72.0	79.5	87.0	102.0	117.0	132.0
1.00	14	14	39.0	46.5	54.0	61.5	69.0	76.5	84.0	99.0	114.0	129.0
1.00	15	15	37.5	45.0	52.5	60.0	67.5	75.0	82.5	97.5	112.5	127.5
1.00	16	16	36.0	43.5	51.0	58.5	66.0	73.5	81.0	96.0	111.0	126.0
1.00	18	18	33.0	40.5	48.0	55.5	63.0	70.5	78.0	93.0	108.0	123.0
1.00	20	20	30.0	37.5	45.0	52.5	60.0	67.5	75.0	90.0	105.0	120.0
1.00	21	21	28.5	36.0	43.5	51.0	58.5	66.0	73.5	88.5	103.5	118.5
1.00	22	22	27.0	34.5	42.0	49.5	57.0	64.5	72.0	87.0	102.0	117.0
1.00	24	24		31.5	39.0	46.5	54.0	61.5	69.0	84.0	99.0	114.0
1.00	26	26			36.0	43.5	51.0	58.5	66.0	81.0	96.0	111.0
1.00	28	28			33.0	40.5	48.0	55.5	63.0	78.0	93.0	108.0
1.00	30	30				37.5	45.0	52.5	60.0	75.0	90.0	105.0
1.00	32	32					42.0	49.5	57.0	72.0	87.0	102.0
1.00	36	36						43.5	51.0	66.0	81.0	96.0
1.00	40	40							45.0	60.0	75.0	90.0
1.00	44	44								54.0	69.0	84.0
1.00	48	48									63.0	78.0
1.00	56	56										66.0
1.00	64	64										
1.00	72	72										
1.05	20	21	29.2	36.7	44.2	51.7	59.2	66.7	74.2	89.2	104.2	119.2
1.05	21	22	27.7	35.2	42.7	50.2	57.7	65.2	72.7	87.7	102.7	117.7
1.07	14	15	38.2	45.7	53.2	60.7	68.2	75.7	83.2	98.2	113.2	128.2
1.07	15	16	36.7	44.2	51.7	59.2	66.7	74.2	81.7	96.7	111.7	126.7
1.07	28	30				39.0	46.5	54.0	61.5	76.5	91.5	106.5
1.07	30	32				36.0	43.5	51.0	58.5	73.5	88.5	103.5
1.08	24	26		30.0	37.5	45.0	52.5	60.0	67.5	82.5	97.5	112.5
1.08	26	28			34.5	42.0	49.5	57.0	64.5	79.5	94.5	109.5
1.09	22	24		33.0	40.5	48.0	55.5	63.0	70.5	85.5	100.5	115.5
1.09	44	48								51.0	66.0	81.0
1.10	20	22	28.5	36.0	43.5	51.0	58.5	66.0	73.5	88.5	103.5	118.5
1.10	40	44								57.0	72.0	87.0
1.11	18	20	31.5	39.0	46.5	54.0	61.5	69.0	76.5	91.5	106.5	121.5
1.11	36	40							48.0	63.0	78.0	93.0
1.11	72	80										
1.13	16	18	34.5	42.0	49.5	57.0	64.5	72.0	79.5	94.5	109.5	124.5
1.13	32	36					39.0	46.5	54.0	69.0	84.0	99.0
1.13	64	72										
1.14	14	16	37.5	45.0	52.5	60.0	67.5	75.0	82.5	97.5	112.5	127.5
1.14	21	24	26.2	33.7	41.2	48.7	56.2	63.7	71.2	86.2	101.2	116.2
1.14	28	32				37.5	45.0	52.5	60.0	75.0	90.0	105.0
1.14	56	64										60.0
1.15	26	30			32.9	40.5	48.0	55.5	63.0	78.0	93.0	108.0
1.17	12	14	40.5	48.0	55.5	63.0	70.5	78.0	85.5	100.5	115.5	130.5
1.17	18	21	30.7	38.2	45.7	53.2	60.7	68.2	75.7	90.7	105.7	120.7
1.17	24	28			35.9	43.5	51.0	58.5	66.0	81.0	96.0	111.0
1.17	48	56									56.9	71.9
1.18	22	26		31.4	39.0	46.5	54.0	61.5	69.0	84.0	99.0	114.0

3

3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 3M HTD®											
330	*360	*390	*450	480	*510	*540	570	600			
150.0	165.0	180.0	210.0	225.0	240.0	255.0	270.0	285.0	10	10	1.00
147.0	162.0	177.0	207.0	222.0	237.0	252.0	267.0	282.0	12	12	1.00
144.0	159.0	174.0	204.0	219.0	234.0	249.0	264.0	279.0	14	14	1.00
142.5	157.5	172.5	202.5	217.5	232.5	247.5	262.5	277.5	15	15	1.00
141.0	156.0	171.0	201.0	216.0	231.0	246.0	261.0	276.0	16	16	1.00
138.0	153.0	168.0	198.0	213.0	228.0	243.0	258.0	273.0	18	18	1.00
135.0	150.0	165.0	195.0	210.0	225.0	240.0	255.0	270.0	20	20	1.00
133.5	148.5	163.5	193.5	208.5	223.5	238.5	253.5	268.5	21	21	1.00
132.0	147.0	162.0	192.0	207.0	222.0	237.0	252.0	267.0	22	22	1.00
129.0	144.0	159.0	189.0	204.0	219.0	234.0	249.0	264.0	24	24	1.00
126.0	141.0	156.0	186.0	201.0	216.0	231.0	246.0	261.0	26	26	1.00
123.0	138.0	153.0	183.0	198.0	213.0	228.0	243.0	258.0	28	28	1.00
120.0	135.0	150.0	180.0	195.0	210.0	225.0	240.0	255.0	30	30	1.00
117.0	132.0	147.0	177.0	192.0	207.0	222.0	237.0	252.0	32	32	1.00
111.0	126.0	141.0	171.0	186.0	201.0	216.0	231.0	246.0	36	36	1.00
105.0	120.0	135.0	165.0	180.0	195.0	210.0	225.0	240.0	40	40	1.00
99.0	114.0	129.0	159.0	174.0	189.0	204.0	219.0	234.0	44	44	1.00
93.0	108.0	123.0	153.0	168.0	183.0	198.0	213.0	228.0	48	48	1.00
81.0	96.0	111.0	141.0	156.0	171.0	186.0	201.0	216.0	56	56	1.00
69.0	84.0	99.0	129.0	144.0	159.0	174.0	189.0	204.0	64	64	1.00
		87.0	117.0	132.0	147.0	162.0	177.0	192.0	72	72	1.00
134.2	149.2	164.2	194.2	209.2	224.2	239.2	254.2	269.2	21	20	1.05
132.7	147.7	162.7	192.7	207.7	222.7	237.7	252.7	267.7	22	21	1.05
143.2	158.2	173.2	203.2	218.2	233.2	248.2	263.2	278.2	15	14	1.07
141.7	156.7	171.7	201.7	216.7	231.7	246.7	261.7	276.7	16	15	1.07
121.5	136.5	151.5	181.5	196.5	211.5	226.5	241.5	256.5	30	28	1.07
118.5	133.5	148.5	178.5	193.5	208.5	223.5	238.5	253.5	32	30	1.07
127.5	142.5	157.5	187.5	202.5	217.5	232.5	247.5	262.5	26	24	1.08
124.5	139.5	154.5	184.5	199.5	214.5	229.5	244.5	259.5	28	26	1.08
130.5	145.5	160.5	190.5	205.5	220.5	235.5	250.5	265.5	24	22	1.09
96.0	111.0	126.0	156.0	171.0	186.0	201.0	216.0	231.0	48	44	1.09
133.5	148.5	163.5	193.5	208.5	223.5	238.5	253.5	268.5	22	20	1.10
102.0	117.0	132.0	162.0	177.0	192.0	207.0	222.0	237.0	44	40	1.10
136.5	151.5	166.5	196.5	211.5	226.5	241.5	256.5	271.5	20	18	1.11
108.0	123.0	138.0	168.0	183.0	198.0	213.0	228.0	243.0	40	36	1.11
		80.9	110.9	125.9	140.9	156.0	171.0	186.0	80	72	1.11
139.5	154.5	169.5	199.5	214.5	229.5	244.5	259.5	274.5	18	16	1.13
114.0	129.0	144.0	174.0	189.0	204.0	219.0	234.0	249.0	36	32	1.13
	77.9	92.9	122.9	137.9	153.0	168.0	183.0	198.0	72	64	1.13
142.5	157.5	172.5	202.5	217.5	232.5	247.5	262.5	277.5	16	14	1.14
131.2	146.2	161.2	191.2	206.2	221.2	236.2	251.2	266.2	24	21	1.14
120.0	135.0	150.0	180.0	195.0	210.0	225.0	240.0	255.0	32	28	1.14
74.9	89.9	104.9	134.9	150.0	165.0	180.0	195.0	210.0	64	56	1.14
123.0	138.0	153.0	183.0	198.0	213.0	228.0	243.0	258.0	30	26	1.15
145.5	160.5	175.5	205.5	220.5	235.5	250.5	265.5	280.5	14	12	1.17
135.7	150.7	165.7	195.7	210.7	225.7	240.7	255.7	270.7	21	18	1.17
126.0	141.0	156.0	186.0	201.0	216.0	231.0	246.0	261.0	28	24	1.17
86.9	101.9	116.9	147.0	162.0	177.0	192.0	207.0	222.0	56	48	1.17
129.0	144.0	159.0	189.0	204.0	219.0	234.0	249.0	264.0	26	22	1.18

3

3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			120	*135	150	165	180	195	210	*240	*270	300
1.20	10	12	43.5	51.0	58.5	66.0	73.5	81.0	88.5	103.5	118.5	133.5
1.20	15	18	35.2	42.7	50.2	57.7	65.2	72.7	80.2	95.2	110.2	125.2
1.20	20	24	27.0	34.4	42.0	49.5	57.0	64.5	72.0	87.0	102.0	117.0
1.20	30	36					40.4	47.9	55.4	70.4	85.5	100.5
1.20	40	48								53.9	68.9	83.9
1.22	18	22	29.9	37.5	45.0	52.5	60.0	67.5	75.0	90.0	105.0	120.0
1.22	36	44							44.8	59.9	74.9	89.9
1.23	26	32				38.9	46.4	53.9	61.4	76.4	91.5	106.5
1.24	21	26		32.2	39.7	47.2	54.7	62.2	69.7	84.7	99.7	114.7
1.25	12	15	39.7	47.2	54.7	62.2	69.7	77.2	84.7	99.7	114.7	129.7
1.25	16	20	32.9	40.5	48.0	55.5	63.0	70.5	78.0	93.0	108.0	123.0
1.25	24	30			34.4	41.9	49.4	56.9	64.4	79.4	94.5	109.5
1.25	32	40						43.3	50.9	65.9	80.9	95.9
1.25	64	80										
1.25	72	90										
1.27	22	28		30.0	37.4	44.9	52.4	59.9	67.4	82.5	97.5	112.5
1.29	14	18	35.9	43.5	51.0	58.5	66.0	73.5	81.0	96.0	111.0	126.0
1.29	28	36					41.8	49.4	56.9	71.9	86.9	101.9
1.29	56	72										
1.30	20	26		32.9	40.4	47.9	55.4	62.9	70.4	85.5	100.5	115.5
1.31	16	21	32.2	39.7	47.2	54.7	62.2	69.7	77.2	92.2	107.2	122.2
1.33	12	16	39.0	46.5	54.0	61.5	69.0	76.5	84.0	99.0	114.0	129.0
1.33	15	20	33.7	41.2	48.7	56.2	63.7	71.2	78.7	93.7	108.7	123.7
1.33	18	24	28.4	35.9	43.4	50.9	58.4	65.9	73.4	88.5	103.5	118.5
1.33	21	28		30.6	38.1	45.6	53.1	60.7	68.2	83.2	98.2	113.2
1.33	24	32			32.8	40.3	47.8	55.4	62.9	77.9	92.9	107.9
1.33	30	40						44.7	52.3	67.3	82.4	97.4
1.33	36	48								56.7	71.8	86.8
1.33	48	64										65.6
1.36	22	30			35.8	43.3	50.9	58.4	65.9	80.9	95.9	110.9
1.36	44	60									56.5	71.6
1.38	16	22	31.4	38.9	46.4	53.9	61.4	68.9	76.4	91.5	106.5	121.5
1.38	32	44							47.7	62.7	77.8	92.8
1.40	10	14	42.0	49.5	57.0	64.5	72.0	79.5	87.0	102.0	117.0	132.0
1.40	15	21	32.9	40.4	47.9	55.4	62.9	70.4	77.9	93.0	108.0	123.0
1.40	20	28		31.3	38.8	46.3	53.9	61.4	68.9	83.9	98.9	113.9
1.40	40	56									62.5	77.6
1.41	64	90										
1.43	14	20	34.4	41.9	49.4	56.9	64.4	71.9	79.4	94.5	109.5	124.5
1.43	21	30			36.5	44.0	51.6	59.1	66.6	81.6	96.7	111.7
1.43	28	40					38.6	46.1	53.7	68.8	83.8	98.8
1.43	56	80										
1.44	18	26	27.0	34.3	41.8	49.4	56.9	64.4	71.9	86.9	101.9	116.9
1.45	22	32			34.2	41.7	49.3	56.8	64.3	79.4	94.4	109.4
1.47	15	22	32.1	39.6	47.1	54.6	62.2	69.7	77.2	92.2	107.2	122.2
1.47	30	44						41.5	49.0	64.2	79.2	94.3
1.50	10	15	41.2	48.7	56.2	63.7	71.2	78.7	86.2	101.2	116.2	131.2
1.50	12	18	37.4	44.9	52.4	59.9	67.4	74.9	82.5	97.5	112.5	127.5
1.50	14	21	33.6	41.1	48.6	56.2	63.7	71.2	78.7	93.7	108.7	123.7

3

3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
330	*360	*390	*450	480	*510	*540	570	600			
* not available in 3M HTD®											
148.5	163.5	178.5	208.5	223.5	238.5	253.5	268.5	283.5	12	10	1.20
140.2	155.2	170.2	200.2	215.2	230.2	245.2	260.2	275.2	18	15	1.20
132.0	147.0	162.0	192.0	207.0	222.0	237.0	252.0	267.0	24	20	1.20
115.5	130.5	145.5	175.5	190.5	205.5	220.5	235.5	250.5	36	30	1.20
98.9	113.9	128.9	159.0	174.0	189.0	204.0	219.0	234.0	48	40	1.20
135.0	150.0	165.0	195.0	210.0	225.0	240.0	255.0	270.0	22	18	1.22
104.9	119.9	134.9	165.0	180.0	195.0	210.0	225.0	240.0	44	36	1.22
121.5	136.5	151.5	181.5	196.5	211.5	226.5	241.5	256.5	32	26	1.23
129.7	144.7	159.7	189.7	204.7	219.7	234.7	249.7	264.7	26	21	1.24
144.7	159.7	174.7	204.7	219.7	234.7	249.7	264.7	279.7	15	12	1.25
138.0	153.0	168.0	198.0	213.0	228.0	243.0	258.0	273.0	20	16	1.25
124.5	139.5	154.5	184.5	199.5	214.5	229.5	244.5	259.5	30	24	1.25
110.9	125.9	140.9	171.0	186.0	201.0	216.0	231.0	246.0	40	32	1.25
		86.7	116.7	131.8	146.8	161.8	176.8	191.8	80	64	1.25
			103.1	118.2	133.2	148.3	163.3	178.3	90	72	1.25
127.5	142.5	157.5	187.5	202.5	217.5	232.5	247.5	262.5	28	22	1.27
141.0	156.0	171.0	201.0	216.0	231.0	246.0	261.0	276.0	18	14	1.29
116.9	131.9	147.0	177.0	192.0	207.0	222.0	237.0	252.0	36	28	1.29
68.6	83.7	98.7	128.8	143.8	158.8	173.8	188.8	203.9	72	56	1.29
130.5	145.5	160.5	190.5	205.5	220.5	235.5	250.5	265.5	26	20	1.30
137.2	152.2	167.2	197.2	212.2	227.2	242.2	257.2	272.2	21	16	1.31
144.0	159.0	174.0	204.0	219.0	234.0	249.0	264.0	279.0	16	12	1.33
138.7	153.7	168.7	198.7	213.7	228.7	243.7	258.7	273.7	20	15	1.33
133.5	148.5	163.5	193.5	208.5	223.5	238.5	253.5	268.5	24	18	1.33
128.2	143.2	158.2	188.2	203.2	218.2	233.2	248.2	263.2	28	21	1.33
122.9	137.9	153.0	183.0	198.0	213.0	228.0	243.0	258.0	32	24	1.33
112.4	127.4	142.4	172.4	187.4	202.4	217.4	232.5	247.5	40	30	1.33
101.8	116.9	131.9	161.9	176.9	191.9	206.9	221.9	236.9	48	36	1.33
80.6	95.7	110.7	140.8	155.8	170.8	185.8	200.9	215.9	64	48	1.33
125.9	140.9	156.0	186.0	201.0	216.0	231.0	246.0	261.0	30	22	1.36
86.7	101.7	116.7	146.8	161.8	176.8	191.8	206.9	221.9	60	44	1.36
136.5	151.5	166.5	196.5	211.5	226.5	241.5	256.5	271.5	22	16	1.38
107.8	122.9	137.9	167.9	182.9	197.9	212.9	227.9	242.9	44	32	1.38
147.0	162.0	177.0	207.0	222.0	237.0	252.0	267.0	282.0	14	10	1.40
138.0	153.0	168.0	198.0	213.0	228.0	243.0	258.0	273.0	21	15	1.40
128.9	143.9	159.0	189.0	204.0	219.0	234.0	249.0	264.0	28	20	1.40
92.7	107.7	122.8	152.8	167.8	182.8	197.9	212.9	227.9	56	40	1.40
			108.8	123.9	138.9	154.0	169.0	184.1	90	64	1.41
139.5	154.5	169.5	199.5	214.5	229.5	244.5	259.5	274.5	20	14	1.43
126.7	141.7	156.7	186.7	201.7	216.7	231.7	246.7	261.7	30	21	1.43
113.9	128.9	143.9	173.9	188.9	203.9	218.9	233.9	248.9	40	28	1.43
	77.1	92.3	122.5	137.5	152.6	167.6	182.6	197.7	80	56	1.43
131.9	147.0	162.0	192.0	207.0	222.0	237.0	252.0	267.0	26	18	1.44
124.4	139.4	154.4	184.4	199.4	214.4	229.5	244.5	259.5	32	22	1.45
137.2	152.2	167.2	197.2	212.2	227.2	242.2	257.2	272.2	22	15	1.47
109.3	124.3	139.3	169.4	184.4	199.4	214.4	229.4	244.4	44	30	1.47
146.2	161.2	176.2	206.2	221.2	236.2	251.2	266.2	281.2	15	10	1.50
142.5	157.5	172.5	202.5	217.5	232.5	247.5	262.5	277.5	18	12	1.50
138.7	153.7	168.7	198.7	213.7	228.7	243.7	258.7	273.7	21	14	1.50



# CENTRE DISTANCE TABLES 3M & 3MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			120	*135	150	165	180	195	210	*240	*270	300
1.50	16	24	29.8	37.3	44.8	52.4	59.9	67.4	74.9	89.9	104.9	119.9
1.50	20	30		30.0	37.2	44.7	52.3	59.8	67.3	82.4	97.4	112.4
1.50	24	36				37.1	44.6	52.2	59.7	74.8	89.8	104.8
1.50	32	48							44.3	59.5	74.6	89.7
1.50	40	60									59.2	74.4
1.50	48	72										60.0
1.52	21	32			34.9	42.4	50.0	57.5	65.0	80.1	95.1	110.1
1.54	26	40					39.9	47.5	55.1	70.2	85.2	100.3
1.56	18	28		32.7	40.2	47.8	55.3	62.8	70.3	85.4	100.4	115.4
1.56	72	112										
1.57	14	22	32.8	40.3	47.8	55.4	62.9	70.4	77.9	92.9	107.9	122.9
1.57	28	44						42.8	50.4	65.6	80.6	95.7
1.60	10	16	40.4	47.9	55.4	62.9	70.4	77.9	85.5	100.5	115.5	130.5
1.60	15	24	30.4	38.0	45.5	53.1	60.6	68.1	75.6	90.6	105.7	120.7
1.60	20	32			35.5	43.1	50.7	58.2	65.8	80.8	95.8	110.9
1.60	30	48							45.7	60.9	76.0	91.1
1.60	40	64									55.8	71.1
1.61	56	90										
1.63	16	26	28.1	35.7	43.2	50.8	58.3	65.8	73.3	88.4	103.4	118.4
1.64	22	36				38.4	46.0	53.6	61.1	76.2	91.3	106.3
1.64	44	72										61.5
1.67	12	20	35.8	43.3	50.9	58.4	65.9	73.4	80.9	95.9	110.9	125.9
1.67	18	30		31.0	38.6	46.1	53.7	61.2	68.8	83.8	98.8	113.9
1.67	24	40				34.5	41.3	48.9	56.5	71.6	86.7	101.7
1.67	36	60									61.9	77.1
1.67	48	80										
1.69	26	44						44.2	51.8	66.9	82.0	97.1
1.71	14	24	31.1	38.7	46.3	53.8	61.3	68.8	76.4	91.4	106.4	121.4
1.71	21	36				39.1	46.7	54.3	61.8	76.9	92.0	107.0
1.71	28	48						40.5	47.0	62.3	77.4	92.5
1.73	15	26	28.8	36.4	43.9	51.5	59.0	66.5	74.1	89.1	104.1	119.1
1.73	26	45					36.7	43.3	50.9	66.1	81.2	96.3
1.75	12	21	35.0	42.5	50.1	57.6	65.1	72.6	80.1	95.2	110.2	125.2
1.75	16	28	27.0	34.0	41.6	49.2	56.7	64.2	71.8	86.8	101.8	116.9
1.75	32	56								52.8	68.0	83.2
1.75	64	112										
1.78	18	32		30.0	36.9	44.5	52.1	59.6	67.2	82.2	97.3	112.3
1.80	10	18	38.8	46.3	53.9	61.4	68.9	76.4	83.9	98.9	113.9	128.9
1.80	20	36			33.0	39.8	47.4	55.0	62.5	77.6	92.7	107.7
1.80	40	72										64.2
2.00	22	44					39.1	46.8	54.5	69.7	84.8	99.9
1.83	12	22	34.2	41.7	49.3	56.8	64.3	71.8	79.4	94.4	109.4	124.4
1.83	24	44					37.8	45.5	53.1	68.3	83.5	98.5
1.86	14	26	29.4	37.1	44.6	52.2	59.7	67.3	74.8	89.8	104.8	119.9
1.87	15	28	27.0	34.7	42.3	49.9	57.4	65.0	72.5	87.5	102.6	117.6
1.88	16	30		32.3	39.9	47.5	55.1	62.6	70.2	85.2	100.3	115.3
1.88	32	60								51.0	64.6	79.9
1.88	48	90										
1.89	72	136										

3

3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 3M HTD®											
330	*360	*390	*450	480	*510	*540	570	600			
134.9	150.0	165.0	195.0	210.0	225.0	240.0	255.0	270.0	24	16	1.50
127.4	142.4	157.4	187.4	202.4	217.4	232.5	247.5	262.5	30	20	1.50
119.9	134.9	149.9	179.9	194.9	209.9	224.9	239.9	254.9	36	24	1.50
104.7	119.8	134.8	164.8	179.8	194.9	209.9	224.9	239.9	48	32	1.50
89.5	104.6	119.6	149.7	164.7	179.7	194.8	209.8	224.8	60	40	1.50
74.1	89.3	104.4	134.5	149.6	164.6	179.6	194.7	209.7	72	48	1.50
125.1	140.2	155.2	185.2	200.2	215.2	230.2	245.2	260.2	32	21	1.52
115.3	130.3	145.3	175.4	190.4	205.4	220.4	235.4	250.4	40	26	1.54
130.4	145.4	160.4	190.4	205.4	220.4	235.5	250.5	265.5	28	18	1.56
				100.2	115.4	130.6	145.7	160.9	112	72	1.56
137.9	153.0	168.0	198.0	213.0	228.0	243.0	258.0	273.0	22	14	1.57
110.7	125.8	140.8	170.8	185.8	200.9	215.9	230.9	245.9	44	28	1.57
145.5	160.5	175.5	205.5	220.5	235.5	250.5	265.5	280.5	16	10	1.60
135.7	150.7	165.7	195.7	210.7	225.7	240.7	255.7	270.7	24	15	1.60
125.9	140.9	155.9	185.9	200.9	215.9	230.9	245.9	260.9	32	20	1.60
106.2	121.2	136.2	166.3	181.3	196.3	211.3	226.3	241.3	48	30	1.60
86.2	101.4	116.4	146.6	161.6	176.6	191.7	206.7	221.7	64	40	1.60
		83.9	114.3	129.5	144.6	159.7	174.7	189.8	90	56	1.61
133.4	148.4	163.4	193.4	208.4	223.4	238.5	253.5	268.5	26	16	1.63
121.3	136.3	151.4	181.4	196.4	211.4	226.4	241.4	256.4	36	22	1.64
76.8	92.0	107.2	137.3	152.4	167.5	182.5	197.5	212.6	72	44	1.64
140.9	156.0	171.0	201.0	216.0	231.0	246.0	261.0	276.0	20	12	1.67
128.9	143.9	158.9	188.9	203.9	218.9	233.9	248.9	263.9	30	18	1.67
116.7	131.8	146.8	176.8	191.8	206.9	221.9	236.9	251.9	40	24	1.67
92.3	107.4	122.5	152.6	167.6	182.6	197.7	212.7	227.7	60	36	1.67
67.3	82.6	97.8	128.1	143.2	158.3	173.3	188.4	203.4	80	48	1.67
112.2	127.2	142.2	172.3	187.3	202.3	217.3	232.3	247.4	44	26	1.69
136.4	151.4	166.4	196.4	211.4	226.4	241.5	256.5	271.5	24	14	1.71
122.0	137.1	152.1	182.1	197.1	212.1	227.1	242.1	257.2	36	21	1.71
107.6	122.6	137.7	167.7	182.8	197.8	212.8	227.8	242.8	48	28	1.71
134.1	149.2	164.2	194.2	209.2	224.2	239.2	254.2	269.2	26	15	1.73
111.4	126.4	141.5	171.5	186.5	201.5	216.6	231.6	246.6	45	26	1.73
140.2	155.2	170.2	200.2	215.2	230.2	245.2	260.2	275.2	21	12	1.75
131.9	146.9	161.9	191.9	206.9	221.9	236.9	251.9	266.9	28	16	1.75
98.3	113.4	128.5	158.6	173.6	188.7	203.7	218.7	233.7	56	32	1.75
			90.1	105.5	120.8	136.1	151.3	166.4	112	64	1.75
127.3	142.3	157.4	187.4	202.4	217.4	232.4	247.4	262.4	32	18	1.78
143.9	159.0	174.0	204.0	219.0	234.0	249.0	264.0	279.0	18	10	1.80
122.8	137.8	152.8	182.8	197.9	212.9	227.9	242.9	257.9	36	20	1.80
79.5	94.8	109.9	140.2	155.2	170.3	185.4	200.4	215.5	72	40	1.80
115.0	130.1	145.1	175.2	190.2	205.2	220.2	235.3	250.3	44	22	2.00
139.4	154.4	169.4	199.4	214.4	229.5	244.5	259.5	274.5	22	12	1.83
113.6	128.6	143.7	173.7	188.8	203.8	218.8	233.8	248.8	44	24	1.83
134.9	149.9	164.9	194.9	209.9	224.9	239.9	254.9	269.9	26	14	1.86
132.6	147.6	162.6	192.6	207.7	222.7	237.7	252.7	267.7	28	15	1.87
130.3	145.3	160.4	190.4	205.4	220.4	235.4	250.4	265.4	30	16	1.88
95.1	110.2	125.3	155.4	170.5	185.5	200.6	215.6	230.6	60	32	1.88
	73.8	89.2	119.8	135.0	150.2	165.3	180.4	195.5	90	48	1.88
						109.7	125.3	140.7	136	72	1.89



3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			120	*135	150	165	180	195	210	*240	*270	300
1.90	21	40				35.6	43.3	50.9	58.5	73.7	88.8	103.9
2.00	10	20	37.2	44.7	52.3	59.8	67.3	74.8	82.4	97.4	112.4	127.4
2.00	12	24	32.5	40.1	47.7	55.2	62.7	70.3	77.8	92.8	107.8	122.9
2.00	14	28	27.7	35.4	43.0	50.6	58.1	65.7	73.2	88.2	103.3	118.3
2.00	15	30		33.0	40.6	48.2	55.8	63.3	70.9	86.0	101.0	116.0
2.00	16	32		30.5	38.2	45.9	53.5	61.0	68.6	83.7	98.7	113.7
2.00	18	36			33.4	41.1	48.7	56.3	63.9	79.0	94.1	109.2
2.00	20	40				36.2	44.0	51.6	59.2	74.4	89.5	104.6
2.00	22	44					39.1	46.8	54.5	69.7	84.8	99.9
2.00	24	48						41.9	49.7	65.0	80.2	95.3
2.00	28	56								55.4	70.7	86.0
2.00	30	60								50.5	65.9	81.2
2.00	32	64									61.1	76.5
2.00	36	72										66.8
2.00	40	80										
2.00	56	112										
2.08	72	150										
2.10	10	21	36.4	43.9	51.5	59.0	66.5	74.1	81.6	96.6	111.6	126.6
2.10	21	44					39.7	47.5	55.2	70.4	85.5	100.7
2.13	15	32		31.2	38.9	46.5	54.1	61.7	69.3	84.4	99.4	114.5
2.13	64	136										
2.14	14	30		33.6	41.3	48.9	56.5	64.0	71.6	86.7	101.7	116.7
2.14	28	60								51.7	67.3	82.6
2.17	12	26	30.8	38.4	46.0	53.6	61.1	68.7	76.2	91.3	106.3	121.3
2.18	22	48						43.2	51.0	66.3	81.6	96.7
2.20	10	22	35.5	43.1	50.7	58.2	65.8	73.3	80.8	95.8	110.9	125.9
2.20	20	44					40.4	48.1	55.8	71.1	86.2	101.4
2.22	18	40				37.5	45.3	53.0	60.6	75.8	90.9	106.0
2.25	16	36			34.7	42.4	50.1	57.7	65.3	80.4	95.5	110.6
2.25	32	72										69.4
2.25	40	90										
2.29	14	32		31.8	39.6	47.2	54.8	62.4	70.0	85.1	100.1	115.2
2.29	21	48						43.8	51.6	67.0	82.2	97.4
2.29	28	64									63.7	79.1
2.31	26	60								53.0	68.6	83.9
2.33	12	28	29.0	36.7	44.3	51.9	59.5	67.1	74.6	89.7	104.7	119.8
2.33	24	56								58.0	73.4	88.7
2.33	48	112										
2.34	64	150										
2.40	10	24	33.8	41.5	49.0	56.6	64.2	71.7	79.2	94.3	109.3	124.3
2.40	15	36			35.3	43.1	50.8	58.4	66.0	81.1	96.2	111.3
2.40	20	48						44.5	52.3	67.7	82.9	98.1
2.40	30	72									54.8	70.6
2.43	56	136										
2.44	18	44					41.6	49.4	57.1	72.4	87.6	102.7
2.50	12	30	27.1	34.9	42.6	50.3	57.9	65.4	73.0	88.1	103.1	118.2
2.50	16	40				38.8	46.6	54.3	61.9	77.1	92.3	107.4
2.50	24	60								54.3	69.9	85.3
2.50	32	80										61.7

3

3 mm



# CENTRE DISTANCE TABLES 3M & 3MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 3M HTD®											
330	*360	*390	*450	480	*510	*540	570	600			
118.9	133.9	149.0	179.0	194.0	209.1	224.1	239.1	254.1	40	21	1.90
142.4	157.4	172.4	202.4	217.4	232.5	247.5	262.5	277.5	20	10	2.00
137.9	152.9	167.9	197.9	212.9	227.9	242.9	257.9	272.9	24	12	2.00
133.3	148.3	163.4	193.4	208.4	223.4	238.4	253.4	268.4	28	14	2.00
131.1	146.1	161.1	191.1	206.1	221.1	236.1	251.1	266.2	30	15	2.00
128.8	143.8	158.8	188.8	203.9	218.9	233.9	248.9	263.9	32	16	2.00
124.2	139.2	154.3	184.3	199.3	214.3	229.3	244.3	259.4	36	18	2.00
119.6	134.7	149.7	179.7	194.8	209.8	224.8	239.8	254.8	40	20	2.00
115.0	130.1	145.1	175.2	190.2	205.2	220.2	235.3	250.3	44	22	2.00
110.4	125.5	140.5	170.6	185.6	200.7	215.7	230.7	245.7	48	24	2.00
101.1	116.2	131.3	161.4	176.5	191.5	206.6	221.6	236.6	56	28	2.00
96.4	111.6	126.7	156.8	171.9	187.0	202.0	217.0	232.1	60	30	2.00
91.7	106.9	122.0	152.2	167.3	182.4	197.4	212.5	227.5	64	32	2.00
82.2	97.5	112.7	143.0	158.1	173.1	188.2	203.3	218.3	72	36	2.00
72.5	87.9	103.2	133.6	148.8	163.9	179.0	194.1	209.1	80	40	2.00
			95.2	110.8	126.2	141.5	156.7	171.9	112	56	2.00
							112.3	128.0	150	72	2.08
141.7	156.7	171.7	201.7	216.7	231.7	246.7	261.7	276.7	21	10	2.10
115.7	130.8	145.8	175.9	190.9	206.0	221.0	236.0	251.0	44	21	2.10
129.5	144.5	159.5	189.6	204.6	219.6	234.6	249.6	264.6	32	15	2.13
						114.8	130.4	145.9	136	64	2.13
131.8	146.8	161.8	191.8	206.9	221.9	236.9	251.9	266.9	30	14	2.14
97.8	113.0	128.1	158.3	173.3	188.4	203.4	218.5	233.5	60	28	2.14
136.3	151.4	166.4	196.4	211.4	226.4	241.4	256.4	271.4	26	12	2.17
111.8	126.9	142.0	172.1	187.1	202.1	217.1	232.2	247.2	48	22	2.18
140.9	155.9	170.9	200.9	215.9	230.9	245.9	260.9	275.9	22	10	2.20
116.4	131.5	146.6	176.6	191.7	206.7	221.7	236.7	251.7	44	20	2.20
121.0	136.1	151.1	181.2	196.2	211.2	226.3	241.3	256.3	40	18	2.22
125.6	140.7	155.7	185.8	200.8	215.8	230.8	245.8	260.8	36	16	2.25
84.8	100.2	115.4	145.7	160.9	176.0	191.0	206.1	221.2	72	32	2.25
	78.9	94.5	125.2	140.5	155.7	170.8	186.0	201.1	90	40	2.25
130.2	145.2	160.3	190.3	205.3	220.3	235.3	250.4	265.4	32	14	2.29
112.5	127.6	142.7	172.8	187.8	202.8	217.9	232.9	247.9	48	21	2.29
94.4	109.6	124.8	155.0	170.1	185.2	200.3	215.3	230.4	64	28	2.29
99.2	114.3	129.5	159.7	174.7	189.8	204.9	219.9	234.9	60	26	2.31
134.8	149.8	164.8	194.9	209.9	224.9	239.9	254.9	269.9	28	12	2.33
103.9	119.0	134.1	164.3	179.3	194.4	209.4	224.5	239.5	56	24	2.33
			100.3	115.9	131.4	146.8	162.1	177.4	112	48	2.33
							117.2	133.1	150	64	2.34
139.3	154.4	169.4	199.4	214.4	229.4	244.4	259.4	274.4	24	10	2.40
126.4	141.4	156.4	186.5	201.5	216.5	231.5	246.5	261.6	36	15	2.40
113.2	128.3	143.4	173.5	188.5	203.6	218.6	233.6	248.6	48	20	2.40
86.2	101.5	116.8	147.1	162.3	177.4	192.5	207.5	222.6	72	30	2.40
					103.9	119.9	135.6	151.1	136	56	2.43
117.8	132.9	148.0	178.1	193.1	208.1	223.2	238.2	253.2	44	18	2.44
133.2	148.3	163.3	193.3	208.3	223.3	238.3	253.4	268.4	30	12	2.50
122.5	137.5	152.6	182.6	197.7	212.7	227.7	242.7	257.7	40	16	2.50
100.5	115.7	130.9	161.1	176.2	191.2	206.3	221.3	236.4	60	24	2.50
77.6	93.2	108.6	139.1	154.3	169.4	184.6	199.7	214.8	80	32	2.50

3

3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			120	*135	150	165	180	195	210	*240	*270	300
2.57	14	36			36.0	43.7	51.4	59.1	66.7	81.8	96.9	112.0
2.57	28	72								56.0	71.9	
2.60	10	26	32.1	39.8	47.4	55.0	62.5	70.1	77.6	92.7	107.7	122.8
2.67	12	32		33.1	40.9	48.6	56.2	63.8	71.4	86.5	101.6	116.6
2.67	18	48					37.7	45.7	53.6	69.0	84.3	99.5
2.67	24	64								50.3	66.2	81.8
2.68	56	150										
2.73	22	60								55.5	71.2	86.6
2.75	16	44				34.9	42.9	50.7	58.5	73.8	89.0	104.1
2.77	26	72									57.2	73.2
2.80	10	28	30.3	38.0	45.7	53.3	60.9	68.5	76.0	91.1	106.2	121.2
2.80	20	56							44.6	60.5	76.0	91.4
2.80	40	112										
2.81	32	90										
2.83	48	136										
2.86	14	40			32.1	40.1	47.9	55.6	63.3	78.5	93.7	108.8
2.86	21	60								56.1	71.8	87.3
2.86	28	80										64.1
2.93	15	44				35.5	43.5	51.4	59.1	74.5	89.7	104.8
3.00	10	30		36.2	44.0	51.6	59.2	66.8	74.4	89.5	104.6	119.6
3.00	12	36		29.2	37.2	45.0	52.8	60.4	68.0	83.2	98.3	113.4
3.00	16	48					39.0	47.0	54.9	70.3	85.6	100.8
3.00	20	60								56.8	72.5	87.9
3.00	24	72									58.4	74.4
3.11	18	56							45.9	61.8	77.4	92.7
3.13	48	150										
3.14	14	44				36.1	44.2	52.0	59.8	75.1	90.4	105.5
3.20	10	32		34.4	42.2	49.9	57.5	65.2	72.7	87.9	103.0	118.0
3.20	15	48					39.6	47.6	55.5	71.0	86.3	101.5
3.20	20	64								52.8	68.8	84.4
3.21	28	90										
3.27	22	72									59.7	75.7
3.33	12	40			33.3	41.3	49.2	56.9	64.6	79.9	95.1	110.2
3.33	18	60								58.0	73.8	89.2
3.33	24	80										66.6
3.43	14	48					40.2	48.2	56.1	71.7	87.0	102.2
3.43	21	72									60.3	76.3
3.50	16	56							47.1	63.1	78.7	94.1
3.50	32	112										
3.56	18	64								54.0	70.0	85.7
3.60	10	36		30.4	38.5	46.3	54.1	61.7	69.4	84.6	99.7	114.8
3.60	20	72									60.9	77.0
3.67	12	44				37.3	45.4	53.3	61.1	76.5	91.7	106.9
3.75	16	60							42.7	59.2	75.0	90.6
3.75	24	90										
3.75	40	150										
4.00	10	40			34.5	42.6	50.5	58.2	65.9	81.2	96.4	111.6
4.00	12	48					41.4	49.5	57.4	73.0	88.3	103.6
4.00	14	56						39.8	48.3	64.3	80.0	95.4

3

3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 3M HTD®											
330	*360	*390	*450	480	*510	*540	570	600			
127.1	142.1	157.1	187.2	202.2	217.2	232.3	247.3	262.3	36	14	2.57
87.5	102.8	118.1	148.5	163.6	178.8	193.9	208.9	224.0	72	28	2.57
137.8	152.8	167.8	197.9	212.9	227.9	242.9	257.9	272.9	26	10	2.60
131.7	146.7	161.7	191.8	206.8	221.8	236.8	251.8	266.8	32	12	2.67
114.6	129.7	144.8	174.9	190.0	205.0	220.0	235.1	250.1	48	18	2.67
97.1	112.4	127.6	157.8	172.9	188.0	203.1	218.2	233.2	64	24	2.67
						105.8	122.2	138.1	150	56	2.68
101.9	117.1	132.3	162.5	177.6	192.6	207.7	222.8	237.8	60	22	2.73
119.2	134.3	149.4	179.5	194.5	209.6	224.6	239.6	254.6	44	16	2.75
88.8	104.2	119.5	149.9	165.0	180.2	195.3	210.4	225.4	72	26	2.77
136.2	151.3	166.3	196.3	211.3	226.3	241.3	256.4	271.4	28	10	2.80
106.6	121.8	136.9	167.1	182.2	197.3	212.3	227.3	242.4	56	20	2.80
			105.3	121.1	136.7	152.1	167.5	182.8	112	40	2.80
67.8	83.9	99.6	130.6	145.9	161.1	176.3	191.5	206.6	90	32	2.81
					108.8	124.9	140.7	156.3	136	48	2.83
123.9	138.9	154.0	184.1	199.1	214.1	229.2	244.2	259.2	40	14	2.86
102.6	117.8	132.9	163.2	178.3	193.4	208.4	223.5	238.5	60	21	2.86
80.1	95.8	111.2	141.8	157.0	172.2	187.4	202.5	217.6	80	28	2.86
119.9	135.0	150.1	180.2	195.3	210.3	225.3	240.4	255.4	44	15	2.93
134.7	149.7	164.7	194.8	209.8	224.8	239.8	254.8	269.8	30	10	3.00
128.5	143.5	158.6	188.7	203.7	218.7	233.7	248.7	263.8	36	12	3.00
116.0	131.1	146.2	176.3	191.4	206.4	221.5	236.5	251.5	48	16	3.00
103.2	118.5	133.6	163.9	179.0	194.1	209.1	224.2	239.2	60	20	3.00
90.1	105.5	120.8	151.3	166.4	181.6	196.7	211.8	226.8	72	24	3.00
108.0	123.2	138.3	168.5	183.6	198.7	213.7	228.8	243.8	56	18	3.11
						110.6	127.0	143.1	150	48	3.13
120.6	135.7	150.8	180.9	196.0	211.0	226.0	241.1	256.1	44	14	3.14
133.1	148.1	163.2	193.2	208.2	223.3	238.3	253.3	268.3	32	10	3.20
116.7	131.8	146.9	177.0	192.1	207.2	222.2	237.2	252.3	48	15	3.20
99.8	115.1	130.3	160.6	175.7	190.8	205.9	221.0	236.1	64	20	3.20
70.2	86.4	102.2	133.2	148.5	163.8	179.0	194.2	209.4	90	28	3.21
91.4	106.8	122.2	152.6	167.8	182.9	198.1	213.2	228.3	72	22	3.27
125.3	140.4	155.4	185.5	200.6	215.6	230.6	245.6	260.7	40	12	3.33
104.6	119.8	135.0	165.3	180.4	195.5	210.5	225.6	240.7	60	18	3.33
82.6	98.3	113.8	144.5	159.8	175.0	190.1	205.3	220.4	80	24	3.33
117.4	132.5	147.6	177.8	192.8	207.9	222.9	237.9	253.0	48	14	3.43
92.0	107.5	122.8	153.3	168.5	183.6	198.8	213.9	229.0	72	21	3.43
109.3	124.5	139.7	169.9	185.0	200.1	215.2	230.2	245.3	56	16	3.50
		77.4	110.3	126.2	141.8	157.3	172.8	188.1	112	32	3.50
101.1	116.4	131.7	162.0	177.1	192.2	207.3	222.4	237.5	64	18	3.56
129.9	145.0	160.0	190.1	205.1	220.1	235.2	250.2	265.2	36	10	3.60
92.7	108.1	123.5	154.0	169.2	184.3	199.5	214.6	229.7	72	20	3.60
122.0	137.1	152.2	182.4	197.4	212.5	227.5	242.5	257.5	44	12	3.67
105.9	121.2	136.4	166.7	181.8	196.9	212.0	227.0	242.1	60	16	3.75
72.5	88.9	104.7	135.8	151.2	166.5	181.8	197.0	212.2	90	24	3.75
					98.1	115.3	131.9	148.1	150	40	3.75
126.7	141.8	156.8	187.0	202.0	217.0	232.1	247.1	262.1	40	10	4.00
118.8	133.9	149.0	179.2	194.2	209.3	224.3	239.4	254.4	48	12	4.00
110.7	125.9	141.1	171.3	186.4	201.5	216.6	231.6	246.7	56	14	4.00



# CENTRE DISTANCE TABLES 3M & 3MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			120	*135	150	165	180	195	210	*240	*270	300
4.00	15	60							43.3	59.9	75.7	91.2
4.00	16	64							55.2	71.3	87.0	
4.00	18	72								62.1	78.2	
4.00	20	80									69.0	
4.00	28	112										
4.25	32	136										
4.29	14	60							43.9	60.5	76.3	91.9
4.40	10	44			38.5	46.6	54.6	62.4	77.8	93.1	108.3	
4.44	18	80								53.0	70.2	
4.50	16	72								63.3	79.5	
4.50	20	90										
4.57	14	64								56.4	72.5	88.3
4.67	12	56					41.0	49.5	65.6	81.3	96.7	
4.67	24	112										
4.69	32	150										
4.80	10	48			34.0	42.6	50.7	58.7	74.3	89.7	104.9	
4.86	28	136										
5.00	12	60							45.0	61.7	77.6	93.2
5.00	16	80								54.1	71.4	
5.00	18	90									58.6	
5.14	14	72								47.1	64.5	80.7
5.33	12	64								57.6	73.8	89.5
5.36	28	150										
5.60	10	56					42.1	50.7	66.9	82.6	98.0	
5.60	20	112										
5.63	16	90									59.7	
5.67	24	136										
5.71	14	80								55.2	72.5	
6.00	10	60							46.2	62.9	78.9	94.5
6.00	12	72								48.2	65.6	81.9
6.22	18	112										
6.25	24	150										
6.40	10	64								58.7	75.0	90.8
6.43	14	90									60.8	
6.67	12	80								56.4	73.7	
6.80	20	136										
7.00	16	112										
7.20	10	72								49.3	66.8	83.2
7.50	12	90									61.9	
7.50	20	150										
7.56	18	136										
8.00	10	80								57.5	74.9	
8.00	14	112										
8.33	18	150										
8.50	16	136										
9.00	10	90									63.0	
9.33	12	112										
9.38	16	150										
9.71	14	136										

3  
3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 3M HTD®											
330	*360	*390	*450	480	*510	*540	570	600			
106.6	121.9	137.1	167.4	182.5	197.6	212.7	227.7	242.8	60	15	4.00
102.4	117.8	133.0	163.4	178.5	193.6	208.7	223.8	238.9	64	16	4.00
93.9	109.4	124.8	155.4	170.5	185.7	200.8	216.0	231.1	72	18	4.00
85.1	100.9	116.5	147.2	162.5	177.7	192.9	208.0	223.2	80	20	4.00
		79.7	112.8	128.7	144.4	159.9	175.4	190.8	112	28	4.00
				101.6	118.4	134.7	150.7	166.5	136	32	4.25
107.2	122.5	137.7	168.1	183.2	198.3	213.4	228.4	243.5	60	14	4.29
123.4	138.5	153.6	183.8	198.8	213.9	228.9	244.0	259.0	44	10	4.40
86.4	102.2	117.8	148.5	163.8	179.0	194.2	209.4	224.5	80	18	4.44
95.2	110.8	126.2	156.7	171.9	187.1	202.2	217.4	232.5	72	16	4.50
74.9	91.3	107.2	138.4	153.9	169.2	184.5	199.7	214.9	90	20	4.50
103.7	119.1	134.4	164.8	179.9	195.0	210.1	225.2	240.3	64	14	4.57
112.0	127.3	142.4	172.7	187.8	202.9	218.0	233.1	248.1	56	12	4.67
		82.0	115.3	131.2	147.0	162.5	178.0	193.4	112	24	4.67
					102.6	120.0	136.7	153.0	150	32	4.69
120.1	135.3	150.4	180.6	195.7	210.7	225.8	240.8	255.9	48	10	4.80
			86.0	103.9	120.8	137.2	153.2	169.1	136	28	4.86
108.6	123.9	139.1	169.4	184.6	199.7	214.8	229.9	244.9	60	12	5.00
87.6	103.5	119.1	149.9	165.2	180.4	195.6	210.8	225.9	80	16	5.00
76.1	92.5	108.5	139.7	155.2	170.5	185.8	201.1	216.3	90	18	5.00
96.5	112.1	127.5	158.1	173.3	188.5	203.6	218.7	233.9	72	14	5.14
105.1	120.4	135.7	166.1	181.3	196.4	211.5	226.6	241.7	64	12	5.33
					104.9	122.4	139.1	155.5	150	28	5.36
113.4	128.6	143.8	174.1	189.2	204.3	219.4	234.5	249.5	56	10	5.60
		84.3	117.7	133.7	149.5	165.1	180.6	196.1	112	20	5.60
77.3	93.8	109.8	141.1	156.5	171.9	187.2	202.4	217.6	90	16	5.63
			88.2	106.2	123.2	139.6	155.7	171.6	136	24	5.67
88.9	104.7	120.4	151.2	166.5	181.8	197.0	212.2	227.3	80	14	5.71
109.9	125.2	140.5	170.8	186.0	201.1	216.2	231.3	246.3	60	10	6.00
97.8	113.4	128.8	159.4	174.6	189.8	205.0	220.1	235.3	72	12	6.00
		85.4	118.9	135.0	150.8	166.4	181.9	197.4	112	18	6.22
					107.1	124.7	141.5	157.9	150	24	6.25
106.4	121.8	137.1	167.5	182.7	197.8	212.9	228.0	243.1	64	10	6.40
78.4	95.0	111.0	142.3	157.8	173.2	188.5	203.8	219.0	90	14	6.43
90.1	106.0	121.6	152.5	167.8	183.1	198.3	213.5	228.7	80	12	6.67
			90.4	108.5	125.6	142.1	158.2	174.1	136	20	6.80
		67.8	86.6	120.1	136.2	152.0	167.7	183.2	112	16	7.00
99.0	114.7	130.1	160.8	176.0	191.2	206.4	221.5	236.6	72	10	7.20
79.6	96.2	112.3	143.6	159.1	174.5	189.8	205.1	220.3	90	12	7.50
				90.1	109.4	127.0	143.9	160.3	150	20	7.50
			91.5	109.7	126.8	143.3	159.4	175.4	136	18	7.56
91.3	107.2	122.9	153.9	169.2	184.5	199.7	214.9	230.1	80	10	8.00
	68.9	87.7	121.4	137.5	153.3	169.0	184.5	200.0	112	14	8.00
				91.2	110.5	128.2	145.1	161.5	150	18	8.33
			92.6	110.8	127.9	144.5	160.7	176.6	136	16	8.50
80.8	97.4	113.5	144.9	160.4	175.8	191.2	206.5	221.7	90	10	9.00
	70.0	88.8	122.6	138.7	154.6	170.3	185.8	201.3	112	12	9.33
				92.3	111.6	129.3	146.3	162.8	150	16	9.38
			93.7	112.0	129.1	145.7	161.9	177.9	136	14	9.71



# CENTRE DISTANCE TABLES 3M & 3MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm																	
	DriveR	DriveN	Belt length code designation in mm																	
			120	*135	150	165	180	195	210	*240	*270	300								
10.71	14	150																		
11.20	10	112																		
11.33	12	136																		
12.50	12	150																		
13.60	10	136																		
15.00	10	150																		

3

3 mm

# CENTRE DISTANCE TABLES 3M & 3MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 3M HTD®											
330	*360	*390	*450	480	*510	*540	570	600			
				93.3	112.7	130.5	147.5	164.0	150	14	10.71
	71.0	90.0	123.8	139.9	155.8	171.5	187.1	202.6	112	10	11.20
			94.8	113.1	130.3	146.9	163.1	179.1	136	12	11.33
			94.4	113.8	131.6	148.6	165.2		150	12	12.50
			95.9	114.3	131.5	148.1	164.4	180.4	136	10	13.60
			95.5	115.0	132.8	149.8	166.4		150	10	15.00

3

3 mm

# CENTRE DISTANCE TABLES 5M & 5MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			*200	225	*250	**270	300	325	350	400	450	500
1.00	12	12	70.0	82.5	95.0	105.0	120.0	132.5	145.0	170.0	195.0	220.0
1.00	14	14	65.0	77.5	90.0	100.0	115.0	127.5	140.0	165.0	190.0	215.0
1.00	15	15	62.5	75.0	87.5	97.5	112.5	125.0	137.5	162.5	187.5	212.5
1.00	16	16	60.0	72.5	85.0	95.0	110.0	122.5	135.0	160.0	185.0	210.0
1.00	18	18	55.0	67.5	80.0	90.0	105.0	117.5	130.0	155.0	180.0	205.0
1.00	20	20	50.0	62.5	75.0	85.0	100.0	112.5	125.0	150.0	175.0	200.0
1.00	21	21	47.5	60.0	72.5	82.5	97.5	110.0	122.5	147.5	172.5	197.5
1.00	22	22	45.0	57.5	70.0	80.0	95.0	107.5	120.0	145.0	170.0	195.0
1.00	24	24		52.5	65.0	75.0	90.0	102.5	115.0	140.0	165.0	190.0
1.00	26	26		47.5	60.0	70.0	85.0	97.5	110.0	135.0	160.0	185.0
1.00	28	28			55.0	65.0	80.0	92.5	105.0	130.0	155.0	180.0
1.00	30	30				60.0	75.0	87.5	100.0	125.0	150.0	175.0
1.00	32	32					70.0	82.5	95.0	120.0	145.0	170.0
1.00	36	36						72.5	85.0	110.0	135.0	160.0
1.00	40	40							75.0	100.0	125.0	150.0
1.00	44	44								90.0	115.0	140.0
1.00	48	48									105.0	130.0
1.00	56	56										110.0
1.00	64	64										
1.00	72	72										
1.05	20	21	48.7	61.2	73.7	83.7	98.7	111.2	123.7	148.7	173.7	198.7
1.05	21	22	46.2	58.7	71.2	81.2	96.2	108.7	121.2	146.2	171.2	196.2
1.07	14	15	63.7	76.2	88.7	98.7	113.7	126.2	138.7	163.7	188.7	213.7
1.07	15	16	61.2	73.7	86.2	96.2	111.2	123.7	136.2	161.2	186.2	211.2
1.07	28	30			52.5	62.5	77.5	90.0	102.5	127.5	152.5	177.5
1.07	30	32				57.5	72.5	85.0	97.5	122.5	147.5	172.5
1.08	24	26		50.0	62.5	72.5	87.5	100.0	112.5	137.5	162.5	187.5
1.08	26	28			57.5	67.5	82.5	95.0	107.5	132.5	157.5	182.5
1.09	22	24		55.0	67.5	77.5	92.5	105.0	117.5	142.5	167.5	192.5
1.09	44	48								84.9	110.0	135.0
1.10	20	22	47.5	60.0	72.5	82.5	97.5	110.0	122.5	147.5	172.5	197.5
1.10	40	44								94.9	120.0	145.0
1.11	18	20	52.5	65.0	77.5	87.5	102.5	115.0	127.5	152.5	177.5	202.5
1.11	36	40						67.4	79.9	105.0	130.0	155.0
1.11	72	80										
1.13	16	18	57.5	70.0	82.5	92.5	107.5	120.0	132.5	157.5	182.5	207.5
1.13	32	36					64.9	77.4	89.9	115.0	140.0	165.0
1.13	64	72										
1.14	14	16	62.5	75.0	87.5	97.5	112.5	125.0	137.5	162.5	187.5	212.5
1.14	21	24	43.7	56.2	68.7	78.7	93.7	106.2	118.7	143.7	168.7	193.7
1.14	28	32				59.9	74.9	87.4	99.9	125.0	150.0	175.0
1.14	56	64										
1.15	26	30			54.9	64.9	79.9	92.4	105.0	130.0	155.0	180.0
1.17	12	14	67.5	80.0	92.5	102.5	117.5	130.0	142.5	167.5	192.5	217.5
1.17	18	21	51.2	63.7	76.2	86.2	101.2	113.7	126.2	151.2	176.2	201.2
1.17	24	28		47.4	59.9	69.9	84.9	97.4	110.0	135.0	160.0	185.0
1.17	48	56									94.8	119.8
1.18	22	26		52.4	64.9	74.9	89.9	102.5	115.0	140.0	165.0	190.0
1.20	15	18	58.7	71.2	83.7	93.7	108.7	121.2	133.7	158.7	183.7	208.7

3  
5 mm



# CENTRE DISTANCE TABLES 5M & 5MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
550	600	*650	700	750	800	900	950	*1000			
245.0	270.0	295.0	320.0	345.0	370.0	420.0	445.0	470.0	12	12	1.00
240.0	265.0	290.0	315.0	340.0	365.0	415.0	440.0	465.0	14	14	1.00
237.5	262.5	287.5	312.5	337.5	362.5	412.5	437.5	462.5	15	15	1.00
235.0	260.0	285.0	310.0	335.0	360.0	410.0	435.0	460.0	16	16	1.00
230.0	255.0	280.0	305.0	330.0	355.0	405.0	430.0	455.0	18	18	1.00
225.0	250.0	275.0	300.0	325.0	350.0	400.0	425.0	450.0	20	20	1.00
222.5	247.5	272.5	297.5	322.5	347.5	397.5	422.5	447.5	21	21	1.00
220.0	245.0	270.0	295.0	320.0	345.0	395.0	420.0	445.0	22	22	1.00
215.0	240.0	265.0	290.0	315.0	340.0	390.0	415.0	440.0	24	24	1.00
210.0	235.0	260.0	285.0	310.0	335.0	385.0	410.0	435.0	26	26	1.00
205.0	230.0	255.0	280.0	305.0	330.0	380.0	405.0	430.0	28	28	1.00
200.0	225.0	250.0	275.0	300.0	325.0	375.0	400.0	425.0	30	30	1.00
195.0	220.0	245.0	270.0	295.0	320.0	370.0	395.0	420.0	32	32	1.00
185.0	210.0	235.0	260.0	285.0	310.0	360.0	385.0	410.0	36	36	1.00
175.0	200.0	225.0	250.0	275.0	300.0	350.0	375.0	400.0	40	40	1.00
165.0	190.0	215.0	240.0	265.0	290.0	340.0	365.0	390.0	44	44	1.00
155.0	180.0	205.0	230.0	255.0	280.0	330.0	355.0	380.0	48	48	1.00
135.0	160.0	185.0	210.0	235.0	260.0	310.0	335.0	360.0	56	56	1.00
115.0	140.0	165.0	190.0	215.0	240.0	290.0	315.0	340.0	64	64	1.00
		145.0	170.0	195.0	220.0	270.0	295.0	320.0	72	72	1.00
223.7	248.7	273.7	298.7	323.7	348.7	398.7	423.7	448.7	21	20	1.05
221.2	246.2	271.2	296.2	321.2	346.2	396.2	421.2	446.2	22	21	1.05
238.7	263.7	288.7	313.7	338.7	363.7	413.7	438.7	463.7	15	14	1.07
236.2	261.2	286.2	311.2	336.2	361.2	411.2	436.2	461.2	16	15	1.07
202.5	227.5	252.5	277.5	302.5	327.5	377.5	402.5	427.5	30	28	1.07
197.5	222.5	247.5	272.5	297.5	322.5	372.5	397.5	422.5	32	30	1.07
212.5	237.5	262.5	287.5	312.5	337.5	387.5	412.5	437.5	26	24	1.08
207.5	232.5	257.5	282.5	307.5	332.5	382.5	407.5	432.5	28	26	1.08
217.5	242.5	267.5	292.5	317.5	342.5	392.5	417.5	442.5	24	22	1.09
160.0	185.0	210.0	235.0	260.0	285.0	335.0	360.0	385.0	48	44	1.09
222.5	247.5	272.5	297.5	322.5	347.5	397.5	422.5	447.5	22	20	1.10
170.0	195.0	220.0	245.0	270.0	295.0	345.0	370.0	395.0	44	40	1.10
227.5	252.5	277.5	302.5	327.5	352.5	402.5	427.5	452.5	20	18	1.11
180.0	205.0	230.0	255.0	280.0	305.0	355.0	380.0	405.0	40	36	1.11
		134.8	159.9	184.9	209.9	259.9	284.9	309.9	80	72	1.11
232.5	257.5	282.5	307.5	332.5	357.5	407.5	432.5	457.5	18	16	1.13
190.0	215.0	240.0	265.0	290.0	315.0	365.0	390.0	415.0	36	32	1.13
	129.8	154.9	179.9	204.9	229.9	279.9	304.9	329.9	72	64	1.13
237.5	262.5	287.5	312.5	337.5	362.5	412.5	437.5	462.5	16	14	1.14
218.7	243.7	268.7	293.7	318.7	343.7	393.7	418.7	443.7	24	21	1.14
200.0	225.0	250.0	275.0	300.0	325.0	375.0	400.0	425.0	32	28	1.14
124.8	149.9	174.9	199.9	224.9	249.9	299.9	324.9	349.9	64	56	1.14
205.0	230.0	255.0	280.0	305.0	330.0	380.0	405.0	430.0	30	26	1.15
242.5	267.5	292.5	317.5	342.5	367.5	417.5	442.5	467.5	14	12	1.17
226.2	251.2	276.2	301.2	326.2	351.2	401.2	426.2	451.2	21	18	1.17
210.0	235.0	260.0	285.0	310.0	335.0	385.0	410.0	435.0	28	24	1.17
144.9	169.9	194.9	219.9	244.9	269.9	319.9	344.9	369.9	56	48	1.17
215.0	240.0	265.0	290.0	315.0	340.0	390.0	415.0	440.0	26	22	1.18
233.7	258.7	283.7	308.7	333.7	358.7	408.7	433.7	458.7	18	15	1.20



# CENTRE DISTANCE TABLES 5M & 5MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			*200	225	*250	**270	300	325	350	400	450	500
1.20	20	24	44.9	57.4	69.9	79.9	94.9	107.5	120.0	145.0	170.0	195.0
1.20	30	36					67.3	79.9	92.4	117.4	142.4	167.4
1.20	40	48								89.8	114.8	139.9
1.22	18	22	49.9	62.4	74.9	84.9	99.9	112.5	125.0	150.0	175.0	200.0
1.22	36	44							74.7	99.8	124.8	149.9
1.23	26	32			52.3	62.3	77.4	89.9	102.4	127.4	152.4	177.4
1.24	21	26		53.6	66.1	76.1	91.2	103.7	116.2	141.2	166.2	191.2
1.25	12	15	66.2	78.7	91.2	101.2	116.2	128.7	141.2	166.2	191.2	216.2
1.25	16	20	54.9	67.4	79.9	89.9	105.0	117.5	130.0	155.0	180.0	205.0
1.25	24	30			57.3	67.3	82.4	94.9	107.4	132.4	157.4	182.4
1.25	32	40						72.2	84.8	109.8	134.8	159.9
1.25	64	80										
1.25	72	90										
1.27	22	28		49.8	62.3	72.3	87.4	99.9	112.4	137.4	162.4	187.4
1.27	44	56									99.5	124.6
1.29	14	18	59.9	72.4	84.9	94.9	110.0	122.5	135.0	160.0	185.0	210.0
1.29	28	36					69.7	82.3	94.8	119.8	144.9	169.9
1.30	20	26		54.8	67.3	77.4	92.4	104.9	117.4	142.4	167.4	192.4
1.31	16	21	53.6	66.1	78.6	88.7	103.7	116.2	128.7	153.7	178.7	203.7
1.33	12	16	64.9	77.4	89.9	99.9	115.0	127.5	140.0	165.0	190.0	215.0
1.33	15	20	56.1	68.6	81.2	91.2	106.2	118.7	131.2	156.2	181.2	206.2
1.33	18	24	47.3	59.8	72.3	82.4	97.4	109.9	122.4	147.4	172.4	197.4
1.33	21	28		50.9	63.5	73.5	88.6	101.1	113.6	138.6	163.7	188.7
1.33	24	32			54.6	64.7	79.7	92.3	104.8	129.8	154.9	179.9
1.33	30	40					62.0	74.6	87.1	112.2	137.3	162.3
1.33	36	48								94.5	119.6	144.7
1.33	48	64										109.3
1.36	22	30			59.7	69.7	84.8	97.3	109.8	134.8	159.9	184.9
1.38	16	22	52.3	64.8	77.4	87.4	102.4	114.9	127.4	152.4	177.4	202.4
1.38	26	36				56.9	72.1	84.6	97.2	122.2	147.3	172.3
1.38	32	44						66.8	79.4	104.6	129.6	154.7
1.40	15	21	54.8	67.3	79.9	89.9	104.9	117.4	129.9	154.9	179.9	204.9
1.40	20	28		52.1	64.7	74.7	89.8	102.3	114.8	139.9	164.9	189.9
1.40	40	56									104.2	129.4
1.41	64	90										
1.43	14	20	57.3	69.8	82.4	92.4	107.4	119.9	132.4	157.4	182.4	207.4
1.43	21	30		48.2	60.8	70.9	86.0	98.5	111.0	136.1	161.1	186.1
1.43	28	40					64.3	76.9	89.5	114.6	139.7	164.7
1.43	56	80										
1.44	18	26	44.5	57.1	69.7	79.7	94.8	107.3	119.8	144.9	169.9	194.9
1.45	22	32			56.9	67.0	82.1	94.7	107.2	132.3	157.3	182.3
1.45	44	64										113.9
1.47	15	22	53.5	66.0	78.6	88.6	103.6	116.1	128.6	153.6	178.7	203.7
1.47	30	44						69.1	81.7	106.9	132.0	157.1
1.50	12	18	62.3	74.8	87.4	97.4	112.4	124.9	137.4	162.4	187.4	212.4
1.50	14	21	56.0	68.5	81.1	91.1	106.1	118.6	131.1	156.2	181.2	206.2
1.50	16	24	49.6	62.2	74.7	84.8	99.8	112.3	124.8	149.9	174.9	199.9
1.50	20	30		49.4	62.0	72.1	87.1	99.7	112.2	137.3	162.3	187.3
1.50	24	36				59.2	74.4	87.0	99.5	124.6	149.7	174.7

3  
5 mm

# CENTRE DISTANCE TABLES 5M & 5MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 5M HTD®											
550	600	*650	700	750	800	900	950	*1000			
220.0	245.0	270.0	295.0	320.0	345.0	395.0	420.0	445.0	24	20	1.20
192.4	217.4	242.5	267.5	292.5	317.5	367.5	392.5	417.5	36	30	1.20
164.9	189.9	214.9	239.9	264.9	289.9	339.9	364.9	389.9	48	40	1.20
225.0	250.0	275.0	300.0	325.0	350.0	400.0	425.0	450.0	22	18	1.22
174.9	199.9	224.9	249.9	274.9	299.9	349.9	374.9	399.9	44	36	1.22
202.4	227.4	252.5	277.5	302.5	327.5	377.5	402.5	427.5	32	26	1.23
216.2	241.2	266.2	291.2	316.2	341.2	391.2	416.2	441.2	26	21	1.24
241.2	266.2	291.2	316.2	341.2	366.2	416.2	441.2	466.2	15	12	1.25
230.0	255.0	280.0	305.0	330.0	355.0	405.0	430.0	455.0	20	16	1.25
207.4	232.5	257.5	282.5	307.5	332.5	382.5	407.5	432.5	30	24	1.25
184.9	209.9	234.9	259.9	284.9	309.9	359.9	384.9	410.0	40	32	1.25
		144.4	169.5	194.6	219.6	269.7	294.7	319.7	80	64	1.25
			146.8	171.9	197.0	247.1	272.1	297.2	90	72	1.25
212.4	237.5	262.5	287.5	312.5	337.5	387.5	412.5	437.5	28	22	1.27
149.7	174.7	199.8	224.8	249.8	274.8	324.9	349.9	374.9	56	44	1.27
235.0	260.0	285.0	310.0	335.0	360.0	410.0	435.0	460.0	18	14	1.29
194.9	219.9	244.9	269.9	294.9	319.9	369.9	394.9	420.0	36	28	1.29
217.4	242.5	267.5	292.5	317.5	342.5	392.5	417.5	442.5	26	20	1.30
228.7	253.7	278.7	303.7	328.7	353.7	403.7	428.7	453.7	21	16	1.31
240.0	265.0	290.0	315.0	340.0	365.0	415.0	440.0	465.0	16	12	1.33
231.2	256.2	281.2	306.2	331.2	356.2	406.2	431.2	456.2	20	15	1.33
222.4	247.5	272.5	297.5	322.5	347.5	397.5	422.5	447.5	24	18	1.33
213.7	238.7	263.7	288.7	313.7	338.7	388.7	413.7	438.7	28	21	1.33
204.9	229.9	254.9	279.9	304.9	329.9	379.9	404.9	430.0	32	24	1.33
187.3	212.4	237.4	262.4	287.4	312.4	362.4	387.4	412.4	40	30	1.33
169.7	194.8	219.8	244.8	269.8	294.8	344.9	369.9	394.9	48	36	1.33
134.4	159.5	184.6	209.6	234.7	259.7	309.7	334.8	359.8	64	48	1.33
209.9	234.9	259.9	284.9	309.9	334.9	384.9	410.0	435.0	30	22	1.36
227.4	252.5	277.5	302.5	327.5	352.5	402.5	427.5	452.5	22	16	1.38
197.3	222.4	247.4	272.4	297.4	322.4	372.4	397.4	422.4	36	26	1.38
179.7	204.8	229.8	254.8	279.8	304.9	354.9	379.9	404.9	44	32	1.38
230.0	255.0	280.0	305.0	330.0	355.0	405.0	430.0	455.0	21	15	1.40
214.9	239.9	264.9	289.9	314.9	339.9	389.9	415.0	440.0	28	20	1.40
154.5	179.5	204.6	229.6	254.7	279.7	329.8	354.8	379.8	56	40	1.40
		130.9	156.1	181.3	206.5	256.7	281.7	306.8	90	64	1.41
232.5	257.5	282.5	307.5	332.5	357.5	407.5	432.5	457.5	20	14	1.43
211.1	236.1	261.2	286.2	311.2	336.2	386.2	411.2	436.2	30	21	1.43
189.8	214.8	239.8	264.8	289.8	314.9	364.9	389.9	414.9	40	28	1.43
	128.6	153.8	179.0	204.1	229.2	279.3	304.4	329.4	80	56	1.43
219.9	244.9	269.9	294.9	319.9	344.9	394.9	420.0	445.0	26	18	1.44
207.3	232.4	257.4	282.4	307.4	332.4	382.4	407.4	432.4	32	22	1.45
139.1	164.2	189.3	214.4	239.5	264.5	314.6	339.6	364.7	64	44	1.45
228.7	253.7	278.7	303.7	328.7	353.7	403.7	428.7	453.7	22	15	1.47
182.2	207.2	232.2	257.3	282.3	307.3	357.3	382.3	407.3	44	30	1.47
237.5	262.5	287.5	312.5	337.5	362.5	412.5	437.5	462.5	18	12	1.50
231.2	256.2	281.2	306.2	331.2	356.2	406.2	431.2	456.2	21	14	1.50
224.9	249.9	274.9	299.9	324.9	349.9	399.9	425.0	450.0	24	16	1.50
212.4	237.4	262.4	287.4	312.4	337.4	387.4	412.4	437.4	30	20	1.50
199.8	224.8	249.8	274.8	299.8	324.9	374.9	399.9	424.9	36	24	1.50

3

5 mm

# CENTRE DISTANCE TABLES 5M & 5MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			*200	225	*250	**270	300	325	350	400	450	500
1.50	32	48							73.9	99.2	124.3	149.5
1.50	40	60								98.7	124.0	
1.50	48	72										
1.52	21	32			58.1	68.2	83.3	95.9	108.4	133.5	158.5	183.5
1.54	26	40					66.6	79.2	91.8	117.0	142.1	167.1
1.56	18	28		54.4	67.0	77.1	92.2	104.7	117.2	142.3	167.3	192.3
1.56	36	56								83.5	108.8	134.1
1.56	72	112										
1.57	14	22	54.6	67.2	79.7	89.8	104.8	117.3	129.8	154.9	179.9	204.9
1.57	28	44						71.4	84.0	109.3	134.4	159.5
1.60	15	24	50.7	63.3	75.9	86.0	101.0	113.5	126.0	151.1	176.1	201.1
1.60	20	32			59.2	69.3	84.5	97.0	109.6	134.7	159.7	184.8
1.60	30	48							76.1	101.5	126.7	151.8
1.60	40	64									93.0	118.5
1.61	56	90										
1.63	16	26	46.8	59.5	72.1	82.1	97.2	109.7	122.2	147.3	172.3	197.3
1.64	22	36				61.5	76.7	89.3	101.9	127.0	152.1	177.1
1.64	44	72										102.6
1.67	12	20	59.7	72.2	84.8	94.8	109.8	122.3	134.8	159.9	184.9	209.9
1.67	18	30		51.6	64.3	74.4	89.5	102.1	114.6	139.7	164.7	189.8
1.67	24	40					68.8	81.5	94.1	119.3	144.4	169.5
1.67	36	60									103.2	128.6
1.67	48	80										
1.69	26	44						73.6	86.3	111.6	136.7	161.9
1.71	14	24	51.9	64.5	77.1	87.1	102.2	114.7	127.3	152.3	177.3	202.3
1.71	21	36			52.4	62.6	77.8	90.5	103.1	128.2	153.3	178.4
1.71	28	48							78.4	103.8	129.0	154.2
1.73	15	26	47.9	60.6	73.2	83.3	98.4	110.9	123.4	148.5	173.5	198.6
1.75	12	21	58.3	70.9	83.4	93.5	108.5	121.0	133.6	158.6	183.6	208.6
1.75	16	28	44.0	56.7	69.3	79.4	94.5	107.1	119.6	144.7	169.7	194.8
1.75	32	56								87.9	113.4	138.7
1.75	64	112										
1.78	18	32		48.7	61.5	71.6	86.8	99.4	111.9	137.0	162.1	187.2
1.78	36	64									97.4	123.0
1.80	20	36			53.5	63.7	79.0	91.6	104.2	129.4	154.5	179.5
1.80	40	72										107.0
1.82	22	40				55.6	71.1	83.8	96.4	121.7	146.8	171.9
1.82	44	80										
1.83	12	22	56.9	69.5	82.1	92.2	107.2	119.7	132.3	157.3	182.3	207.3
1.83	24	44					63.0	75.8	88.6	113.9	139.1	164.2
1.85	26	48						67.7	80.6	106.1	131.3	156.5
1.86	14	26	49.1	61.8	74.4	84.5	99.5	112.1	124.6	149.7	174.7	199.8
1.87	15	28	45.1	57.8	70.5	80.6	95.7	108.3	120.8	145.9	170.9	196.0
1.88	16	30		53.8	66.6	76.7	91.8	104.4	117.0	142.1	167.1	192.2
1.88	32	60								82.0	107.7	133.1
1.88	48	90										
1.89	72	136										
1.90	21	40				56.7	72.2	84.9	97.6	122.8	148.0	173.1
2.00	12	24	54.2	66.8	79.4	89.5	104.6	117.1	129.6	154.7	179.7	204.8

3  
5 mm

# CENTRE DISTANCE TABLES 5M & 5MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 5M HTD®											
550	600	*650	700	750	800	900	950	*1000			
174.5	199.6	224.6	249.7	274.7	299.7	349.8	374.8	399.8	48	32	1.50
149.2	174.3	199.4	224.4	249.5	274.5	324.6	349.6	374.7	60	40	1.50
123.5	148.8	174.0	199.1	224.2	249.3	299.4	324.4	349.5	72	48	1.50
208.6	233.6	258.6	283.6	308.6	333.6	383.7	408.7	433.7	32	21	1.52
192.2	217.2	242.2	267.3	292.3	317.3	367.3	392.3	417.4	40	26	1.54
217.4	242.4	267.4	292.4	317.4	342.4	392.4	417.4	442.4	28	18	1.56
159.2	184.3	209.4	234.5	259.5	284.6	334.6	359.6	384.7	56	36	1.56
					167.0	217.7	242.9	268.1	112	72	1.56
229.9	254.9	279.9	304.9	329.9	354.9	404.9	430.0	455.0	22	14	1.57
184.6	209.6	234.7	259.7	284.7	309.7	359.8	384.8	409.8	44	28	1.57
226.1	251.1	276.2	301.2	326.2	351.2	401.2	426.2	451.2	24	15	1.60
209.8	234.8	259.8	284.8	309.9	334.9	384.9	409.9	434.9	32	20	1.60
176.9	202.0	227.0	252.1	277.1	302.2	352.2	377.2	402.2	48	30	1.60
143.7	168.9	194.1	219.2	244.3	269.3	319.4	344.5	369.5	64	40	1.60
		139.9	165.3	190.6	215.8	266.1	291.2	316.3	90	56	1.61
222.4	247.4	272.4	297.4	322.4	347.4	397.4	422.4	447.4	26	16	1.63
202.2	227.2	252.3	277.3	302.3	327.3	377.3	402.3	427.4	36	22	1.64
128.1	153.4	178.6	203.8	228.9	254.0	304.2	329.2	354.3	72	44	1.64
234.9	259.9	284.9	309.9	334.9	359.9	410.0	435.0	460.0	20	12	1.67
214.8	239.8	264.8	289.8	314.9	339.9	389.9	414.9	439.9	30	18	1.67
194.6	219.6	244.7	269.7	294.7	319.7	369.8	394.8	419.8	40	24	1.67
153.8	179.0	204.1	229.2	254.3	279.3	329.4	354.5	379.5	60	36	1.67
112.1	137.6	163.0	188.3	213.5	238.6	288.9	314.0	339.0	80	48	1.67
187.0	212.0	237.1	262.1	287.1	312.2	362.2	387.2	412.3	44	26	1.69
227.4	252.4	277.4	302.4	327.4	352.4	402.4	427.4	452.4	24	14	1.71
203.4	228.4	253.5	278.5	303.5	328.5	378.6	403.6	428.6	36	21	1.71
179.3	204.4	229.4	254.5	279.5	304.6	354.6	379.7	404.7	48	28	1.71
223.6	248.6	273.6	298.6	323.6	348.6	398.7	423.7	448.7	26	15	1.73
233.6	258.7	283.7	308.7	333.7	358.7	408.7	433.7	458.7	21	12	1.75
219.8	244.8	269.8	294.8	319.9	344.9	394.9	419.9	444.9	28	16	1.75
163.9	189.0	214.1	239.2	264.3	289.4	339.5	364.5	389.5	56	32	1.75
				150.1	175.8	226.8	252.1	277.4	112	64	1.75
212.2	237.2	262.3	287.3	312.3	337.3	387.3	412.3	437.4	32	18	1.78
148.3	173.6	198.7	223.9	249.0	274.1	324.2	349.3	374.3	64	36	1.78
204.6	229.6	254.7	279.7	304.7	329.8	379.8	404.8	429.8	36	20	1.80
132.5	157.9	183.2	208.4	233.6	258.7	308.9	334.0	359.1	72	40	1.80
197.0	222.0	247.1	272.1	297.2	322.2	372.2	397.2	422.3	40	22	1.82
116.5	142.1	167.5	192.9	218.1	243.3	293.6	318.7	343.8	80	44	1.82
232.4	257.4	282.4	307.4	332.4	357.4	407.4	432.4	457.4	22	12	1.83
189.3	214.4	239.5	264.5	289.6	314.6	364.7	389.7	414.7	44	24	1.83
181.7	206.8	231.8	256.9	282.0	307.0	357.1	382.1	407.1	48	26	1.85
224.8	249.8	274.8	299.8	324.9	349.9	399.9	424.9	449.9	26	14	1.86
221.0	246.0	271.1	296.1	321.1	346.1	396.1	421.1	446.1	28	15	1.87
217.2	242.2	267.3	292.3	317.3	342.3	392.3	417.4	442.4	30	16	1.88
158.4	183.6	208.8	233.9	259.0	284.1	334.3	359.3	384.4	60	32	1.88
	122.9	148.7	174.3	199.7	225.0	275.5	300.6	325.8	90	48	1.88
						182.9	208.8	234.4	136	72	1.89
198.2	223.2	248.3	273.3	298.4	323.4	373.4	398.5	423.5	40	21	1.90
229.8	254.8	279.8	304.9	329.9	354.9	404.9	429.9	454.9	24	12	2.00



# CENTRE DISTANCE TABLES 5M & 5MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			*200	225	*250	**270	300	325	350	400	450	500
2.00	14	28	46.1	58.9	71.6	81.7	96.9	109.4	122.0	147.1	172.1	197.2
2.00	15	30	42.0	54.9	67.7	77.8	93.0	105.6	118.1	143.3	168.3	193.4
2.00	16	32		50.9	63.7	73.9	89.1	101.7	114.3	139.4	164.5	189.6
2.00	18	36			55.6	65.9	81.2	93.9	106.5	131.7	156.8	181.9
2.00	20	40				57.8	73.3	86.0	98.7	124.0	149.2	174.3
2.00	22	44					65.1	78.0	90.8	116.2	141.4	166.6
2.00	24	48						69.9	82.8	108.3	133.6	158.9
2.00	28	56								92.3	117.9	143.3
2.00	30	60								84.1	109.9	135.4
2.00	32	64									101.8	127.4
2.00	36	72										111.3
2.00	40	80										
2.00	56	112										
2.05	44	90										
2.08	72	150										
2.10	21	44					66.2	79.1	91.9	117.3	142.6	167.8
2.13	15	32		52.0	64.8	75.0	90.2	102.9	115.5	140.6	165.7	190.8
2.13	64	136										
2.14	14	30	43.1	56.0	68.8	79.0	94.1	106.7	119.3	144.4	169.5	194.6
2.14	28	60								86.2	112.1	137.6
2.17	12	26	51.3	64.0	76.7	86.8	101.9	114.5	127.0	152.1	177.1	202.2
2.18	22	48						72.0	85.0	110.6	135.9	161.2
2.20	20	44					67.3	80.2	93.0	118.5	143.7	168.9
2.22	18	40				59.9	75.5	88.3	101.0	126.3	151.5	176.6
2.22	36	80										98.7
2.25	16	36			57.8	68.1	83.5	96.2	108.8	134.1	159.2	184.3
2.25	32	72									89.3	115.6
2.25	40	90										
2.29	14	32		53.1	65.9	76.1	91.4	104.0	116.6	141.8	166.9	192.0
2.29	21	48						73.1	86.1	111.7	137.1	162.3
2.29	28	64								79.8	106.1	131.9
2.31	26	60								88.3	114.3	139.9
2.33	12	28	48.3	61.2	73.9	84.0	99.2	111.8	124.3	149.5	174.5	199.6
2.33	48	112										
2.34	64	150										
2.40	15	36			58.9	69.2	84.6	97.3	110.0	135.2	160.4	185.5
2.40	20	48					60.9	74.1	87.1	112.8	138.2	163.5
2.40	30	72									91.3	117.7
2.43	56	136										
2.44	18	44					69.4	82.4	95.2	120.7	146.0	171.2
2.50	12	30	45.2	58.2	71.1	81.2	96.4	109.1	121.7	146.8	171.9	197.0
2.50	16	40			51.4	62.0	77.6	90.5	103.2	128.6	153.8	179.0
2.50	24	60								90.4	116.5	142.1
2.50	32	80										102.8
2.50	36	90										
2.55	44	112										
2.57	14	36		46.7	59.9	70.3	85.7	98.4	111.1	136.4	161.6	186.7
2.57	28	72									93.4	119.8
2.67	12	32	41.9	55.2	68.1	78.4	93.6	106.3	118.9	144.1	169.3	194.3

3  
5 mm

# CENTRE DISTANCE TABLES 5M & 5MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 5M HTD®											
550	600	*650	700	750	800	900	950	*1000			
222.2	247.2	272.3	297.3	322.3	347.3	397.3	422.4	447.4	28	14	2.00
218.4	243.5	268.5	293.5	318.5	343.5	393.6	418.6	443.6	30	15	2.00
214.6	239.7	264.7	289.7	314.7	339.8	389.8	414.8	439.8	32	16	2.00
207.0	232.1	257.1	282.1	307.2	332.2	382.2	407.2	432.3	36	18	2.00
199.4	224.4	249.5	274.5	299.6	324.6	374.7	399.7	424.7	40	20	2.00
191.7	216.8	241.9	266.9	292.0	317.0	367.1	392.1	417.1	44	22	2.00
184.0	209.1	234.2	259.3	284.4	309.4	359.5	384.5	409.6	48	24	2.00
168.5	193.7	218.9	244.0	269.1	294.2	344.3	369.3	394.4	56	28	2.00
160.7	186.0	211.1	236.3	261.4	286.5	336.7	361.7	386.8	60	30	2.00
152.9	178.2	203.4	228.6	253.7	278.8	329.0	354.1	379.1	64	32	2.00
137.0	162.5	187.8	213.1	238.3	263.4	313.7	338.8	363.9	72	36	2.00
120.8	146.5	172.0	197.4	222.7	248.0	298.3	323.4	348.5	80	40	2.00
				158.7	184.6	235.8	261.2	286.5	112	56	2.00
	127.2	153.1	178.7	204.2	229.6	280.1	305.3	330.5	90	44	2.05
						187.1	213.4	238.5	150	72	2.08
192.9	218.0	243.1	268.1	293.2	318.2	368.3	393.3	418.3	44	21	2.10
215.8	240.9	265.9	290.9	316.0	341.0	391.0	416.0	441.0	32	15	2.13
						191.4	217.4	243.2	136	64	2.13
219.6	244.7	269.7	294.7	319.7	344.8	394.8	419.8	444.8	30	14	2.14
163.0	188.3	213.5	238.6	263.8	288.9	339.0	364.1	389.2	60	28	2.14
227.2	252.3	277.3	302.3	327.3	352.3	402.3	427.4	452.4	26	12	2.17
186.4	211.5	236.6	261.7	286.8	311.8	361.9	386.9	412.0	48	22	2.18
194.1	219.2	244.3	269.3	294.4	319.4	369.5	394.5	419.6	44	20	2.20
201.7	226.8	251.9	276.9	302.0	327.0	377.1	402.1	427.1	40	18	2.22
125.1	150.9	176.5	202.0	227.3	252.6	303.0	328.1	353.3	80	36	2.22
209.4	234.5	259.5	284.6	309.6	334.6	384.7	409.7	434.7	36	16	2.25
141.4	167.0	192.4	217.7	242.9	268.1	318.4	343.5	368.6	72	32	2.25
	131.4	157.4	183.2	208.7	234.1	284.7	309.9	335.1	90	40	2.25
217.0	242.1	267.1	292.1	317.2	342.2	392.2	417.3	442.3	32	14	2.29
187.5	212.7	237.8	262.9	287.9	313.0	363.1	388.2	413.2	48	21	2.29
157.4	182.7	208.0	233.2	258.4	283.6	333.8	358.9	383.9	64	28	2.29
165.3	190.6	215.8	241.0	266.1	291.2	341.4	366.5	391.6	60	26	2.31
224.6	249.7	274.7	299.7	324.8	349.8	399.8	424.8	449.8	28	12	2.33
			140.7	167.2	193.2	244.7	270.2	295.6	112	48	2.33
						195.4	221.9	247.3	150	64	2.34
210.6	235.7	260.7	285.8	310.8	335.8	385.9	410.9	435.9	36	15	2.40
188.7	213.8	239.0	264.1	289.1	314.2	364.3	389.4	414.4	48	20	2.40
143.6	169.2	194.6	220.0	245.2	270.4	320.8	345.9	371.0	72	30	2.40
						199.8	226.0	251.9	136	56	2.43
196.4	221.5	246.6	271.7	296.8	321.8	371.9	397.0	422.0	44	18	2.44
222.0	247.1	272.1	297.2	322.2	347.2	397.2	422.3	447.3	30	12	2.50
204.1	229.2	254.3	279.3	304.4	329.4	379.5	404.5	429.6	40	16	2.50
167.5	192.9	218.1	243.3	268.5	293.6	343.8	368.9	394.0	60	24	2.50
129.3	155.3	181.0	206.5	231.8	257.2	307.6	332.8	358.0	80	32	2.50
108.9	135.6	161.8	187.6	213.2	238.6	289.3	314.6	339.8	90	36	2.50
			144.8	171.4	197.5	249.1	274.7	300.1	112	44	2.55
211.8	236.9	261.9	287.0	312.0	337.0	387.1	412.1	437.1	36	14	2.57
145.8	171.4	196.9	222.2	247.5	272.7	323.1	348.2	373.4	72	28	2.57
219.4	244.5	269.5	294.6	319.6	344.6	394.7	419.7	444.7	32	12	2.67



# CENTRE DISTANCE TABLES 5M & 5MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			*200	225	*250	**270	300	325	350	400	450	500
2.67	15	40			52.4	63.1	78.7	91.6	104.3	129.7	155.0	180.2
2.67	18	48					62.9	76.2	89.3	115.0	140.5	165.8
2.67	24	64								83.9	110.4	136.3
2.68	56	150										
2.73	22	60								92.5	118.6	144.3
2.75	16	44				55.5	71.5	84.5	97.4	123.0	148.3	173.6
2.77	26	72									95.4	122.0
2.80	20	56							74.4	100.9	126.7	152.3
2.80	40	112										
2.81	32	90										
2.83	48	136										
2.86	14	40			53.4	64.1	79.8	92.7	105.5	130.9	156.1	181.3
2.86	21	60								93.6	119.7	145.4
2.86	28	80										106.9
2.93	15	44				56.5	72.5	85.6	98.5	124.1	149.5	174.7
3.00	12	36		48.7	62.0	72.5	87.9	100.7	113.4	138.7	163.9	189.0
3.00	16	48					64.9	78.3	91.4	117.2	142.7	168.1
3.00	20	60								94.6	120.8	146.5
3.00	24	72									97.4	124.1
3.09	44	136										
3.11	18	56							76.4	103.0	128.9	154.5
3.11	36	112										
3.13	48	150										
3.14	14	44				57.5	73.6	86.7	99.6	125.2	150.6	175.9
3.20	15	48					65.9	79.4	92.5	118.3	143.8	169.2
3.20	20	64								87.9	114.6	140.6
3.21	28	90										
3.27	22	72									99.4	126.2
3.33	12	40			55.5	66.2	82.0	94.9	107.7	133.1	158.4	183.6
3.33	18	60							69.3	96.7	122.9	148.7
3.33	24	80										110.9
3.40	40	136										
3.41	44	150										
3.43	14	48					67.0	80.4	93.6	119.4	145.0	170.3
3.43	21	72									100.4	127.2
3.50	16	56						64.5	78.4	105.1	131.1	156.8
3.50	32	112										
3.56	18	64								89.9	116.7	142.8
3.60	20	72									101.4	128.3
3.67	12	44				59.5	75.7	88.8	101.8	127.4	152.9	178.2
3.75	16	60							71.2	98.7	125.1	150.9
3.75	24	90										
3.75	40	150										
3.78	36	136										
4.00	12	48					69.0	82.5	95.7	121.6	147.2	172.6
4.00	14	56						66.4	80.5	107.2	133.3	159.0
4.00	15	60							72.2	99.8	126.1	152.0
4.00	16	64								91.9	118.8	144.9
4.00	18	72									103.4	130.4

3  
5 mm



# CENTRE DISTANCE TABLES 5M & 5MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 5M HTD®											
550	600	*650	700	750	800	900	950	*1000			
205.3	230.4	255.5	280.5	305.6	330.7	380.7	405.8	430.8	40	15	2.67
191.0	216.2	241.3	266.4	291.5	316.6	366.7	391.8	416.8	48	18	2.67
161.9	187.3	212.6	237.9	263.1	288.2	338.5	363.6	388.7	64	24	2.67
						176.4	203.6	230.2	150	56	2.68
169.8	195.2	220.4	245.6	270.8	296.0	346.2	371.3	396.3	60	22	2.73
198.7	223.9	249.0	274.1	299.2	324.2	374.3	399.4	424.4	44	16	2.75
147.9	173.6	199.1	224.5	249.8	275.1	325.4	350.6	375.7	72	26	2.77
177.7	203.0	228.2	253.4	278.5	303.6	353.8	378.9	404.0	56	20	2.80
			148.8	175.6	201.8	253.5	279.1	304.6	112	40	2.80
112.9	139.8	166.0	191.9	217.6	243.1	293.9	319.2	344.4	90	32	2.81
					153.8	208.1	234.5	260.5	136	48	2.83
206.5	231.6	256.7	281.7	306.8	331.9	381.9	407.0	432.0	40	14	2.86
170.9	196.3	221.6	246.8	272.0	297.1	347.4	372.5	397.5	60	21	2.86
133.5	159.6	185.4	210.9	236.4	261.7	312.3	337.5	362.6	80	28	2.86
199.9	225.1	250.2	275.3	300.4	325.4	375.5	400.6	425.6	44	15	2.93
214.1	239.2	264.3	289.4	314.4	339.5	389.5	414.6	439.6	36	12	3.00
193.3	218.5	243.7	268.8	293.9	319.0	369.1	394.2	419.2	48	16	3.00
172.0	197.4	222.7	248.0	273.1	298.3	348.5	373.6	398.7	60	20	3.00
150.1	175.8	201.4	226.8	252.1	277.4	327.8	352.9	378.1	72	24	3.00
					157.7	212.2	238.7	264.8	136	44	3.09
180.0	205.3	230.5	255.7	280.9	306.0	356.2	381.3	406.4	56	18	3.11
		125.1	152.9	179.7	206.1	257.9	283.5	309.1	112	36	3.11
						184.3	211.7	238.6	150	48	3.13
201.1	226.2	251.4	276.5	301.6	326.6	376.7	401.8	426.8	44	14	3.14
194.5	219.7	244.8	270.0	295.1	320.2	370.3	395.4	420.4	48	15	3.20
166.3	191.8	217.2	242.5	267.7	292.9	343.2	368.3	393.4	64	20	3.20
116.9	144.0	170.3	196.3	222.0	247.6	298.4	323.7	349.0	90	28	3.21
152.3	178.0	203.6	229.0	254.4	279.7	330.1	355.3	380.4	72	22	3.27
208.8	233.9	259.0	284.1	309.2	334.3	384.4	409.4	434.4	40	12	3.33
174.3	199.7	225.0	250.3	275.5	300.6	350.9	376.0	401.1	60	18	3.33
137.7	163.9	189.7	215.4	240.9	266.3	316.9	342.1	367.3	80	24	3.33
					161.6	216.4	242.9	269.1	136	40	3.40
						188.3	215.8	242.7	150	44	3.41
195.6	220.8	246.0	271.1	296.3	321.4	371.5	396.6	421.6	48	14	3.43
153.3	179.1	204.7	230.2	255.5	280.8	331.3	356.4	381.6	72	21	3.43
182.2	207.6	232.8	258.0	283.2	308.4	358.6	383.7	408.8	56	16	3.50
		128.9	156.9	183.9	210.3	262.2	287.9	313.5	112	32	3.50
168.5	194.0	219.4	244.8	270.0	295.2	345.6	370.7	395.8	64	18	3.56
154.4	180.2	205.8	231.3	256.7	282.0	332.4	357.6	382.8	72	20	3.60
203.4	228.6	253.7	278.8	303.9	329.0	379.1	404.2	429.2	44	12	3.67
176.5	202.0	227.3	252.6	277.8	303.0	353.3	378.4	403.5	60	16	3.75
120.9	148.1	174.5	200.6	226.4	252.0	302.9	328.3	353.6	90	24	3.75
						192.2	219.8	246.8	150	40	3.75
					165.5	220.5	247.1	273.3	136	36	3.78
197.9	223.2	248.3	273.5	298.6	323.7	373.9	399.0	424.0	48	12	4.00
184.5	209.8	235.1	260.4	285.5	310.7	361.0	386.1	411.1	56	14	4.00
177.6	203.1	228.4	253.7	278.9	304.1	354.4	379.6	404.7	60	15	4.00
170.7	196.3	221.7	247.0	272.3	297.5	347.9	373.0	398.2	64	16	4.00
156.6	182.4	208.0	233.5	258.9	284.2	334.7	359.9	385.1	72	18	4.00

3

5 mm

# CENTRE DISTANCE TABLES 5M & 5MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm											
	DriveR	DriveN	Belt length code designation in mm											
			*200	225	*250	**270	300	325	350	400	450	500		
4.00	20	80											86.4	114.9
4.00	28	112												
4.17	36	150												
4.25	32	136												
4.29	14	60						73.1	100.8	127.2	153.1			
4.44	18	80								88.3	116.9			
4.50	16	72								76.6	105.4	132.4		
4.50	20	90										95.8		
4.57	14	64								93.9	120.9	147.1		
4.67	24	112												
4.69	32	150												
4.80	15	72								77.6	106.4	133.5		
4.86	28	136												
5.00	12	60						75.1	102.8	129.3	155.3			
5.00	16	80								90.2	118.9			
5.00	18	90										97.7		
5.14	14	72								78.5	107.4	134.5		
5.36	28	150												
5.60	20	112												
5.63	16	90											99.5	
5.67	24	136												
5.71	14	80									92.1	120.9		
6.00	12	72								80.3	109.4	136.6		
6.22	18	112												
6.25	24	150												
6.43	14	90											101.4	
6.80	20	136												
7.00	16	112												
7.50	20	150												
7.56	18	136												
8.00	14	112												
8.33	18	150												
8.50	16	136												
9.38	16	150												
9.71	14	136												
10.71	14	150												

3  
5 mm

# CENTRE DISTANCE TABLES 5M & 5MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
* not available in 5M HTD®											
550	600	*650	700	750	800	900	950	*1000			
141.9	168.2	194.1	219.8	245.3	270.8	321.4	346.7	371.9	80	20	4.00
		132.8	160.9	188.0	214.5	266.6	292.3	317.9	112	28	4.00
						196.1	223.9	250.9	150	36	4.17
					169.3	224.6	251.2	277.6	136	32	4.25
178.7	204.2	229.6	254.9	280.1	305.3	355.6	380.7	405.8	60	14	4.29
144.0	170.3	196.3	222.0	247.6	273.0	323.7	349.0	374.2	80	18	4.44
158.7	184.6	210.3	235.8	261.2	286.5	337.0	362.3	387.4	72	16	4.50
124.9	152.2	178.7	204.9	230.7	256.4	307.4	332.8	358.2	90	20	4.50
172.9	198.5	224.0	249.3	274.6	299.9	350.2	375.4	400.5	64	14	4.57
		136.6	164.9	192.1	218.7	270.9	296.7	322.4	112	24	4.67
						200.0	227.9	255.0	150	32	4.69
159.8	185.7	211.4	236.9	262.3	287.7	338.2	363.4	388.6	72	15	4.80
				143.4	173.2	228.6	255.4	281.8	136	28	4.86
181.0	206.5	231.8	257.2	282.4	307.6	358.0	383.1	408.2	60	12	5.00
146.0	172.4	198.4	224.2	249.8	275.3	326.0	351.3	376.6	80	16	5.00
126.8	154.2	180.8	207.0	232.9	258.6	309.7	335.1	360.4	90	18	5.00
160.8	186.8	212.5	238.0	263.4	288.8	339.4	364.6	389.8	72	14	5.14
						203.9	231.9	259.1	150	28	5.36
		140.4	168.9	196.2	222.9	275.2	301.1	326.8	112	20	5.60
128.8	156.3	182.9	209.2	235.1	260.8	311.9	337.3	362.7	90	16	5.63
				147.1	177.1	232.7	259.5	286.0	136	24	5.67
148.1	174.5	200.6	226.4	252.0	277.5	328.3	353.6	378.9	80	14	5.71
163.0	188.9	214.7	240.2	265.7	291.1	341.7	366.9	392.1	72	12	6.00
		111.2	142.4	170.8	198.2	224.9	277.4	303.2	112	18	6.22
						146.7	207.8	235.8	150	24	6.25
130.7	158.3	185.0	211.3	237.2	263.0	314.2	339.6	365.0	90	14	6.43
				150.7	180.9	236.8	263.7	290.2	136	20	6.80
		113.0	144.3	172.8	200.2	279.5	305.4	331.1	112	16	7.00
						150.2	211.7	239.8	150	20	7.50
				152.6	182.8	238.8	265.7	292.3	136	18	7.56
	114.8	146.2	174.8	202.3	229.1	281.6	307.6	333.3	112	14	8.00
						152.0	213.6	241.8	150	18	8.33
				154.4	184.7	240.8	267.8	294.4	136	16	8.50
						153.8	215.5	243.8	150	16	9.38
				156.2	186.6	242.8	269.8	296.5	136	14	9.71
						155.6	217.5	245.8	150	14	10.71

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5 mm

# CENTRE DISTANCE TABLES 8M & 8MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			480	560	600	640	720	800	880	960	1040	1120
1.00	22	22	152.0	192.0	212.0	232.0	272.0	312.0	352.0	392.0	432.0	472.0
1.00	24	24	144.0	184.0	204.0	224.0	264.0	304.0	344.0	384.0	424.0	464.0
1.00	26	26	136.0	176.0	196.0	216.0	256.0	296.0	336.0	376.0	416.0	456.0
1.00	28	28	128.0	168.0	188.0	208.0	248.0	288.0	328.0	368.0	408.0	448.0
1.00	30	30	120.0	160.0	180.0	200.0	240.0	280.0	320.0	360.0	400.0	440.0
1.00	32	32	112.0	152.0	172.0	192.0	232.0	272.0	312.0	352.0	392.0	432.0
1.00	36	36		136.0	156.0	176.0	216.0	256.0	296.0	336.0	376.0	416.0
1.00	40	40		120.0	140.0	160.0	200.0	240.0	280.0	320.0	360.0	400.0
1.00	44	44				144.0	184.0	224.0	264.0	304.0	344.0	384.0
1.00	48	48					168.0	208.0	248.0	288.0	328.0	368.0
1.00	56	56						176.0	216.0	256.0	296.0	336.0
1.00	64	64							184.0	224.0	264.0	304.0
1.05	38	40		124.0	144.0	164.0	204.0	244.0	284.0	324.0	364.0	404.0
1.06	32	34	108.0	148.0	168.0	188.0	228.0	268.0	308.0	348.0	388.0	428.0
1.06	34	36		140.0	160.0	180.0	220.0	260.0	300.0	340.0	380.0	420.0
1.06	36	38		132.0	152.0	172.0	212.0	252.0	292.0	332.0	372.0	412.0
1.07	28	30	124.0	164.0	184.0	204.0	244.0	284.0	324.0	364.0	404.0	444.0
1.08	24	26	140.0	180.0	200.0	220.0	260.0	300.0	340.0	380.0	420.0	460.0
1.08	26	28	132.0	172.0	192.0	212.0	252.0	292.0	332.0	372.0	412.0	452.0
1.09	22	24	148.0	188.0	208.0	228.0	268.0	308.0	348.0	388.0	428.0	468.0
1.10	40	44			131.9	151.9	191.9	231.9	272.0	312.0	352.0	392.0
1.11	36	40		127.9	147.9	167.9	207.9	247.9	288.0	328.0	368.0	408.0
1.12	34	38		135.9	155.9	175.9	215.9	255.9	296.0	336.0	376.0	416.0
1.13	30	34	111.9	151.9	171.9	191.9	231.9	272.0	312.0	352.0	392.0	432.0
1.13	64	72								207.8	247.8	287.8
1.13	32	36	103.9	143.9	163.9	183.9	223.9	264.0	304.0	344.0	384.0	424.0
1.14	28	32	119.9	159.9	179.9	199.9	239.9	280.0	320.0	360.0	400.0	440.0
1.14	56	64							199.7	239.8	279.8	319.8
1.15	26	30	127.9	167.9	187.9	207.9	247.9	288.0	328.0	368.0	408.0	448.0
1.16	38	44			135.8	155.8	195.9	235.9	275.9	315.9	355.9	395.9
1.17	24	28	135.9	175.9	195.9	215.9	255.9	296.0	336.0	376.0	416.0	456.0
1.18	22	26	143.9	183.9	203.9	223.9	264.0	304.0	344.0	384.0	424.0	464.0
1.18	34	40		131.8	151.8	171.8	211.9	251.9	291.9	331.9	371.9	411.9
1.19	32	38	99.7	139.8	159.8	179.8	219.9	259.9	299.9	339.9	379.9	419.9
1.20	30	36	107.7	147.8	167.8	187.8	227.9	267.9	307.9	347.9	387.9	427.9
1.20	40	48			123.6	143.6	183.7	223.8	263.8	303.8	343.8	383.9
1.21	28	34	115.7	155.8	175.8	195.9	235.9	275.9	315.9	355.9	395.9	435.9
1.22	36	44		119.6	139.6	159.7	199.7	239.8	279.8	319.8	359.9	399.9
1.23	26	32	123.8	163.8	183.8	203.9	243.9	283.9	323.9	363.9	403.9	443.9
1.25	24	30	131.8	171.8	191.8	211.9	251.9	291.9	331.9	371.9	411.9	451.9
1.25	32	40		135.6	155.7	175.7	215.8	255.8	295.8	335.8	375.9	415.9
1.25	64	80									231.1	271.2
1.26	38	48			127.4	147.4	187.6	227.6	267.7	307.7	347.8	387.8
1.27	22	28	139.8	179.8	199.9	219.9	259.9	299.9	339.9	379.9	419.9	459.9
1.27	30	38	103.5	143.6	163.7	183.7	223.8	263.8	303.8	343.8	383.9	423.9
1.27	44	56					159.3	199.4	239.5	279.6	319.6	359.7
1.29	28	36	111.5	151.7	171.7	191.7	231.8	271.8	311.8	351.9	391.9	431.9
1.29	34	44		123.3	143.4	163.5	203.6	243.7	283.7	323.7	363.8	403.8
1.31	26	34	119.6	159.7	179.7	199.7	239.8	279.8	319.8	359.9	399.9	439.9
1.33	24	32	127.6	167.7	187.7	207.8	247.8	287.8	327.8	367.9	407.9	447.9

3  
8 mm

# CENTRE DISTANCE TABLES 8M & 8MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
1200	1280	1440	1600	1760	1800	2000	2400	2800			
512.0	552.0	632.0	712.0	792.0	812.0	912.0	1112.0	1312.0	22	22	1.00
504.0	544.0	624.0	704.0	784.0	804.0	904.0	1104.0	1304.0	24	24	1.00
496.0	536.0	616.0	696.0	776.0	796.0	896.0	1096.0	1296.0	26	26	1.00
488.0	528.0	608.0	688.0	768.0	788.0	888.0	1088.0	1288.0	28	28	1.00
480.0	520.0	600.0	680.0	760.0	780.0	880.0	1080.0	1280.0	30	30	1.00
472.0	512.0	592.0	672.0	752.0	772.0	872.0	1072.0	1272.0	32	32	1.00
456.0	496.0	576.0	656.0	736.0	756.0	856.0	1056.0	1256.0	36	36	1.00
440.0	480.0	560.0	640.0	720.0	740.0	840.0	1040.0	1240.0	40	40	1.00
424.0	464.0	544.0	624.0	704.0	724.0	824.0	1024.0	1224.0	44	44	1.00
408.0	448.0	528.0	608.0	688.0	708.0	808.0	1008.0	1208.0	48	48	1.00
376.0	416.0	496.0	576.0	656.0	676.0	776.0	976.0	1176.0	56	56	1.00
344.0	384.0	464.0	544.0	624.0	644.0	744.0	944.0	1144.0	64	64	1.00
444.0	484.0	564.0	644.0	724.0	744.0	844.0	1044.0	1244.0	40	38	1.05
468.0	508.0	588.0	668.0	748.0	768.0	868.0	1068.0	1268.0	34	32	1.06
460.0	500.0	580.0	660.0	740.0	760.0	860.0	1060.0	1260.0	36	34	1.06
452.0	492.0	572.0	652.0	732.0	752.0	852.0	1052.0	1252.0	38	36	1.06
484.0	524.0	604.0	684.0	764.0	784.0	884.0	1084.0	1284.0	30	28	1.07
500.0	540.0	620.0	700.0	780.0	800.0	900.0	1100.0	1300.0	26	24	1.08
492.0	532.0	612.0	692.0	772.0	792.0	892.0	1092.0	1292.0	28	26	1.08
508.0	548.0	628.0	708.0	788.0	808.0	908.0	1108.0	1308.0	24	22	1.09
432.0	472.0	552.0	632.0	712.0	732.0	832.0	1032.0	1232.0	44	40	1.10
448.0	488.0	568.0	648.0	728.0	748.0	848.0	1048.0	1248.0	40	36	1.11
456.0	496.0	576.0	656.0	736.0	756.0	856.0	1056.0	1256.0	38	34	1.12
472.0	512.0	592.0	672.0	752.0	772.0	872.0	1072.0	1272.0	34	30	1.13
327.8	367.9	447.9	527.9	607.9	627.9	727.9	927.9	1128.0	72	64	1.13
464.0	504.0	584.0	664.0	744.0	764.0	864.0	1064.0	1264.0	36	32	1.13
480.0	520.0	600.0	680.0	760.0	780.0	880.0	1080.0	1280.0	32	28	1.14
359.9	399.9	479.9	559.9	639.9	659.9	759.9	959.9	1160.0	64	56	1.14
488.0	528.0	608.0	688.0	768.0	788.0	888.0	1088.0	1288.0	30	26	1.15
435.9	475.9	555.9	636.0	716.0	736.0	836.0	1036.0	1236.0	44	38	1.16
496.0	536.0	616.0	696.0	776.0	796.0	896.0	1096.0	1296.0	28	24	1.17
504.0	544.0	624.0	704.0	784.0	804.0	904.0	1104.0	1304.0	26	22	1.18
451.9	491.9	571.9	652.0	732.0	752.0	852.0	1052.0	1252.0	40	34	1.18
459.9	499.9	579.9	660.0	740.0	760.0	860.0	1060.0	1260.0	38	32	1.19
467.9	507.9	588.0	668.0	748.0	768.0	868.0	1068.0	1268.0	36	30	1.20
423.9	463.9	543.9	623.9	703.9	723.9	823.9	1023.9	1224.0	48	40	1.20
475.9	515.9	596.0	676.0	756.0	776.0	876.0	1076.0	1276.0	34	28	1.21
439.9	479.9	559.9	639.9	719.9	739.9	839.9	1040.0	1240.0	44	36	1.22
483.9	523.9	604.0	684.0	764.0	784.0	884.0	1084.0	1284.0	32	26	1.23
491.9	531.9	612.0	692.0	772.0	792.0	892.0	1092.0	1292.0	30	24	1.25
455.9	495.9	575.9	655.9	735.9	755.9	855.9	1056.0	1256.0	40	32	1.25
311.3	351.4	431.5	511.6	591.6	611.7	711.7	911.8	1111.8	80	64	1.25
427.8	467.8	547.9	627.9	707.9	727.9	827.9	1027.9	1227.9	48	38	1.26
499.9	539.9	620.0	700.0	780.0	800.0	900.0	1100.0	1300.0	28	22	1.27
463.9	503.9	583.9	663.9	743.9	763.9	863.9	1064.0	1264.0	38	30	1.27
399.7	439.7	519.8	599.8	679.8	699.8	799.9	999.9	1199.9	56	44	1.27
471.9	511.9	591.9	671.9	751.9	771.9	871.9	1072.0	1272.0	36	28	1.29
443.8	483.8	563.9	643.9	723.9	743.9	843.9	1043.9	1243.9	44	34	1.29
479.9	519.9	599.9	679.9	759.9	779.9	879.9	1080.0	1280.0	34	26	1.31
487.9	527.9	607.9	687.9	767.9	787.9	887.9	1088.0	1288.0	32	24	1.33



# CENTRE DISTANCE TABLES 8M & 8MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			480	560	600	640	720	800	880	960	1040	1120
1.33	30	40	99.2	139.4	159.5	179.5	219.6	259.7	299.7	339.8	379.8	419.8
1.33	36	48			131.1	151.2	191.4	231.5	271.6	311.6	351.7	391.7
1.33	48	64						174.8	215.0	255.2	295.3	335.4
1.36	22	30	135.6	175.7	195.7	215.8	255.8	295.8	335.8	375.9	415.9	455.9
1.36	28	38	107.2	147.4	167.5	187.6	227.6	267.7	307.7	347.8	387.8	427.8
1.38	26	36	115.3	155.5	175.5	195.6	235.7	275.7	315.7	355.8	395.8	435.8
1.38	32	44		127.1	147.2	167.3	207.4	247.5	287.6	327.6	367.7	407.7
1.40	40	56					166.8	207.0	247.2	287.3	327.4	367.4
1.41	34	48		114.6	134.8	155.0	195.2	235.3	275.4	315.5	355.6	395.6
1.41	64	90									209.4	249.8
1.42	24	34	123.3	163.5	183.6	203.6	243.7	283.7	323.7	363.8	403.8	443.8
1.43	28	40	102.9	143.2	163.3	183.4	223.5	263.6	303.6	343.7	383.7	423.7
1.45	22	32	131.4	171.5	191.6	211.6	251.7	291.7	331.8	371.8	411.8	451.8
1.46	26	38	110.9	151.2	171.3	191.4	231.5	271.6	311.6	351.7	391.7	431.7
1.47	30	44		130.8	150.9	171.1	211.2	251.4	291.5	331.5	371.6	411.6
1.47	38	56				130.0	170.5	210.8	251.0	291.1	331.2	371.3
1.50	24	36	119.0	159.3	179.3	199.4	239.5	279.6	319.6	359.7	399.7	439.7
1.50	32	48		118.2	138.5	158.7	199.0	239.1	279.3	319.4	359.4	399.5
1.50	48	72							197.6	238.0	278.3	318.5
1.54	26	40	106.5	146.9	167.0	187.2	227.3	267.4	307.5	347.5	387.6	427.6
1.55	22	34	127.1	167.3	187.4	207.4	247.5	287.6	327.6	367.7	407.7	447.7
1.56	36	56				133.6	174.1	214.5	254.7	294.9	335.0	375.1
1.57	28	44		134.5	154.7	174.8	215.0	255.2	295.3	335.4	375.4	415.5
1.58	24	38	114.6	155.0	175.1	195.2	235.3	275.4	315.5	355.6	395.6	435.6
1.60	30	48		121.8	142.1	162.4	202.7	242.9	283.1	323.2	363.3	403.3
1.60	40	64					148.9	189.5	230.0	270.3	310.5	350.7
1.61	56	90									223.8	264.4
1.64	22	36	122.7	163.0	183.1	203.2	243.3	283.4	323.5	363.6	403.6	443.6
1.64	44	72						164.1	204.9	245.4	285.8	326.0
1.65	34	56				137.1	177.8	218.2	258.5	298.7	338.8	379.0
1.67	24	40	110.1	150.6	170.8	190.9	231.1	271.2	311.3	351.4	391.5	431.5
1.67	48	80							179.4	220.2	260.8	301.2
1.68	38	64					152.4	193.2	233.7	274.0	314.3	354.5
1.69	26	44		138.1	158.3	178.5	218.8	259.0	299.1	339.2	379.3	419.4
1.71	28	48		125.4	145.8	166.0	206.4	246.7	286.9	327.0	367.1	407.2
1.73	22	38	118.2	158.7	178.8	199.0	239.1	279.3	319.4	359.4	399.5	439.5
1.75	32	56				140.7	181.4	221.9	262.2	302.5	342.6	382.8
1.75	64	112										
1.78	36	64					155.9	196.8	237.3	277.7	318.0	358.2
1.80	40	72						171.1	212.1	252.7	293.2	333.5
1.82	22	40	113.7	154.3	174.5	194.6	234.9	275.0	315.2	355.3	395.3	435.4
1.82	44	80							186.3	227.4	268.1	308.6
1.83	24	44	100.8	141.7	162.0	182.2	222.5	262.8	302.9	343.1	383.2	423.2
1.85	26	48		128.9	149.4	169.7	210.1	250.4	290.6	330.8	370.9	411.0
1.87	30	56			123.5	144.2	185.0	225.6	265.9	306.2	346.4	386.6
1.88	48	90								196.7	238.0	278.9
1.88	34	64					159.4	200.3	241.0	281.4	321.7	362.0
1.89	38	72						174.6	215.6	256.3	296.8	337.2
2.00	22	44	104.2	145.3	165.6	185.9	226.3	266.5	306.7	346.9	387.0	427.1
2.00	24	48		132.5	152.9	173.3	213.8	254.2	294.4	334.6	374.8	414.9

3  
8 mm

# CENTRE DISTANCE TABLES 8M & 8MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
1200	1280	1440	1600	1760	1800	2000	2400	2800			
459.8	499.8	579.9	659.9	739.9	759.9	859.9	1059.9	1259.9	40	30	1.33
431.7	471.8	551.8	631.8	711.8	731.8	831.9	1031.9	1231.9	48	36	1.33
375.4	415.5	495.6	575.6	655.7	675.7	775.7	975.8	1175.8	64	48	1.33
495.9	535.9	615.9	695.9	775.9	795.9	895.9	1096.0	1296.0	30	22	1.36
467.8	507.8	587.9	667.9	747.9	767.9	867.9	1067.9	1267.9	38	28	1.36
475.8	515.8	595.9	675.9	755.9	775.9	875.9	1075.9	1275.9	36	26	1.38
447.7	487.8	567.8	647.8	727.8	747.8	847.9	1047.9	1247.9	44	32	1.38
407.5	447.5	527.6	607.7	687.7	707.7	807.7	1007.8	1207.8	56	40	1.40
435.6	475.7	555.7	635.8	715.8	735.8	835.8	1035.8	1235.9	48	34	1.41
290.1	330.3	410.7	490.9	571.0	591.1	691.2	891.4	1091.5	90	64	1.41
483.8	523.8	603.9	683.9	763.9	783.9	883.9	1083.9	1283.9	34	24	1.42
463.7	503.8	583.8	663.8	743.8	763.8	863.9	1063.9	1263.9	40	28	1.43
491.8	531.8	611.9	691.9	771.9	791.9	891.9	1091.9	1291.9	32	22	1.45
471.8	511.8	591.8	671.8	751.8	771.8	871.9	1071.9	1271.9	38	26	1.46
451.6	491.7	571.7	651.8	731.8	751.8	851.8	1051.8	1251.9	44	30	1.47
411.4	451.4	531.5	611.6	691.6	711.6	811.7	1011.7	1211.8	56	38	1.47
479.8	519.8	599.8	679.8	759.8	779.9	879.9	1079.9	1279.9	36	24	1.50
439.5	479.6	559.6	639.7	719.7	739.7	839.8	1039.8	1239.8	48	32	1.50
358.7	398.8	479.0	559.2	639.3	659.3	759.4	959.5	1159.6	72	48	1.50
467.7	507.7	587.7	667.8	747.8	767.8	867.8	1067.9	1267.9	40	26	1.54
487.8	527.8	607.8	687.8	767.8	787.9	887.9	1087.9	1287.9	34	22	1.55
415.2	455.3	535.4	615.5	695.5	715.5	815.6	1015.7	1215.7	56	36	1.56
455.5	495.6	575.6	655.7	735.7	755.7	855.8	1055.8	1255.8	44	28	1.57
475.7	515.7	595.7	675.8	755.8	775.8	875.8	1075.9	1275.9	38	24	1.58
443.4	483.5	563.5	643.6	723.6	743.6	843.7	1043.7	1243.8	48	30	1.60
390.8	430.9	511.1	591.2	671.3	691.3	791.4	991.5	1191.6	64	40	1.60
304.9	345.3	425.8	506.1	586.4	606.5	706.7	907.0	1107.2	90	56	1.61
483.7	523.7	603.7	683.8	763.8	783.8	883.8	1083.9	1283.9	36	22	1.64
366.3	406.4	486.7	566.9	647.0	667.0	767.2	967.3	1167.5	72	44	1.64
419.1	459.1	539.3	619.4	699.4	719.5	819.5	1019.6	1219.7	56	34	1.65
471.6	511.6	591.6	671.7	751.7	771.7	871.8	1071.8	1271.8	40	24	1.67
341.6	381.8	462.2	542.5	622.7	642.7	742.9	943.1	1143.3	80	48	1.67
394.6	434.7	514.9	595.1	675.2	695.2	795.3	995.4	1195.5	64	38	1.68
459.4	499.5	579.5	659.6	739.6	759.7	859.7	1059.8	1259.8	44	26	1.69
447.3	487.3	567.4	647.5	727.6	747.6	847.6	1047.7	1247.7	48	28	1.71
479.6	519.6	599.7	679.7	759.7	779.7	879.8	1079.8	1279.8	38	22	1.73
422.9	463.0	543.1	623.3	703.3	723.4	823.4	1023.5	1223.6	56	32	1.75
240.2	281.3	362.8	443.8	524.4	544.6	645.1	845.8	1046.2	112	64	1.75
398.4	438.6	518.8	598.9	679.1	699.1	799.2	999.4	1199.5	64	36	1.78
373.8	414.0	494.3	574.6	654.7	674.8	774.9	975.1	1175.3	72	40	1.80
475.4	515.5	595.6	675.6	755.7	775.7	875.7	1075.8	1275.8	40	22	1.82
349.0	389.3	469.8	550.1	630.3	650.4	750.6	950.9	1151.1	80	44	1.82
463.3	503.4	583.4	663.5	743.6	763.6	863.6	1063.7	1263.7	44	24	1.83
451.1	491.2	571.3	651.4	731.5	751.5	851.5	1051.6	1251.7	48	26	1.85
426.7	466.8	547.0	627.1	707.2	727.2	827.3	1027.5	1227.6	56	30	1.87
319.5	360.0	440.8	521.3	601.6	621.7	722.0	922.4	1122.7	90	48	1.88
402.2	442.3	522.6	602.8	682.9	703.0	803.1	1003.3	1203.4	64	34	1.88
377.5	417.8	498.1	578.4	658.6	678.6	778.8	979.0	1179.2	72	38	1.89
467.2	507.2	587.3	667.4	747.5	767.5	867.5	1067.6	1267.7	44	22	2.00
455.0	495.1	575.2	655.3	735.4	755.4	855.5	1055.6	1255.6	48	24	2.00

3

8 mm

# CENTRE DISTANCE TABLES 8M & 8MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt length code designation in mm									
			480	560	600	640	720	800	880	960	1040	1120
2.00	28	56			127.0	147.7	188.6	229.2	269.6	309.9	350.2	390.4
2.00	32	64					162.9	203.9	244.6	285.1	325.4	365.7
2.00	36	72						178.1	219.2	259.9	300.5	340.9
2.00	40	80							193.2	234.4	275.3	315.9
2.00	56	112										
2.05	44	90								203.5	245.0	286.0
2.11	38	80							196.7	238.0	278.9	319.5
2.12	34	72						181.5	222.7	263.5	304.1	344.6
2.13	30	64					166.3	207.5	248.2	288.7	329.1	369.5
2.15	26	56			130.4	151.1	192.2	232.9	273.3	313.7	353.9	394.1
2.18	22	48		135.9	156.5	176.9	217.5	257.9	298.2	338.4	378.6	418.7
2.22	36	80						158.0	200.1	241.5	282.4	323.1
2.25	32	72					142.8	184.9	226.2	267.1	307.8	348.3
2.25	40	90								210.3	251.9	293.1
2.25	64	144										
2.29	28	64				127.7	169.8	211.0	251.8	292.4	332.8	373.2
2.33	24	56		112.5	133.7	154.6	195.7	236.5	277.0	317.4	357.7	397.9
2.33	48	112										225.1
2.35	34	80						161.2	203.5	245.0	286.0	326.7
2.37	38	90							171.0	213.7	255.4	296.6
2.40	30	72					146.1	188.4	229.7	270.7	311.4	351.9
2.46	26	64				131.0	173.2	214.5	255.4	296.0	336.5	376.9
2.50	32	80						164.5	206.9	248.4	289.5	330.3
2.50	36	90							174.3	217.0	258.8	300.1
2.55	22	56		115.8	137.1	158.0	199.3	240.1	280.7	321.1	361.4	401.7
2.55	44	112										231.6
2.57	28	72					149.4	191.8	233.2	274.3	315.0	355.6
2.65	34	90							177.5	220.4	262.2	303.6
2.67	24	64				134.2	176.6	218.0	259.0	299.7	340.2	380.6
2.67	30	80						167.8	210.3	251.9	293.1	333.9
2.77	26	72					152.6	195.1	236.7	277.8	318.6	359.2
2.80	40	112										238.1
2.81	32	90							180.7	223.7	265.7	307.1
2.86	28	80						171.0	213.7	255.4	296.6	337.5
2.91	22	64				137.5	180.0	221.5	262.5	303.3	343.8	384.3
2.95	38	112										241.4
3.00	24	72					155.9	198.5	240.2	281.3	322.2	362.8
3.00	30	90							183.9	227.0	269.1	310.6
3.00	48	144										
3.00	64	192										
3.08	26	80						174.3	217.0	258.8	300.1	341.0
3.11	36	112										244.6
3.21	28	90							187.1	230.3	272.5	314.0
3.27	44	144										
3.27	22	72					159.1	201.9	243.6	284.9	325.8	366.5
3.29	34	112									203.2	247.8
3.33	24	80						177.5	220.4	262.2	303.6	344.6
3.43	56	192										
3.46	26	90							190.3	233.6	275.9	317.5
3.50	32	112									206.3	251.0

3  
8 mm



# CENTRE DISTANCE TABLES 8M & 8MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
1200	1280	1440	1600	1760	1800	2000	2400	2800			
430.5	470.6	550.8	631.0	711.1	731.1	831.2	1031.4	1231.5	56	28	2.00
406.0	446.1	526.4	606.6	686.8	706.8	807.0	1007.2	1207.3	64	32	2.00
381.2	421.5	501.9	582.2	662.4	682.5	782.7	982.9	1183.1	72	36	2.00
356.4	396.7	477.3	557.7	638.0	658.0	758.3	958.6	1158.9	80	40	2.00
253.9	295.4	377.2	458.4	539.3	559.5	660.1	861.0	1061.6	112	56	2.00
326.7	367.3	448.2	528.8	609.2	629.3	729.6	930.2	1130.5	90	44	2.05
360.0	400.4	481.0	561.5	641.8	661.8	762.1	962.5	1162.8	80	38	2.11
385.0	425.2	505.7	586.0	666.2	686.3	786.5	986.8	1187.0	72	34	2.12
409.7	449.9	530.2	610.5	690.6	710.7	810.8	1011.1	1211.2	64	30	2.13
434.3	474.5	554.7	634.9	715.0	735.0	835.1	1035.3	1235.4	56	26	2.15
458.8	498.9	579.1	659.2	739.3	759.3	859.4	1059.5	1259.6	48	22	2.18
363.7	404.1	484.8	565.2	645.6	665.6	766.0	966.4	1166.7	80	36	2.22
388.7	429.0	509.5	589.8	670.1	690.1	790.4	990.7	1190.9	72	32	2.25
333.9	374.6	455.5	536.2	616.7	636.8	737.2	937.8	1138.2	90	40	2.25
		285.6	369.9	452.5	473.0	575.0	777.3	978.7	144	64	2.25
413.5	453.7	534.0	614.3	694.5	714.5	814.7	1015.0	1215.1	64	28	2.29
438.1	478.3	558.5	638.7	718.8	738.9	839.0	1039.2	1239.3	56	24	2.33
267.5	309.2	391.5	473.0	554.0	574.2	675.1	876.2	1076.9	112	48	2.33
367.3	407.8	488.5	569.0	649.4	669.4	769.8	970.2	1170.5	80	34	2.35
337.5	378.2	459.2	539.9	620.5	640.6	741.0	941.7	1142.1	90	38	2.37
392.4	432.7	513.2	593.6	673.9	693.9	794.2	994.6	1194.8	72	30	2.40
417.2	457.4	537.8	618.1	698.3	718.4	818.6	1018.9	1219.0	64	26	2.46
371.0	411.5	492.2	572.7	653.1	673.2	773.6	974.1	1174.4	80	32	2.50
341.0	381.8	462.9	543.6	624.2	644.3	744.8	945.5	1145.9	90	36	2.50
441.9	482.1	562.3	642.5	722.7	742.7	842.9	1043.1	1243.2	56	22	2.55
274.2	316.1	398.6	480.2	561.3	581.5	682.5	883.8	1084.5	112	44	2.55
396.0	436.4	517.0	597.4	677.7	697.7	798.0	998.4	1198.7	72	28	2.57
344.6	385.4	466.5	547.3	627.9	648.1	748.6	949.3	1149.8	90	34	2.65
420.9	461.2	541.6	621.9	702.2	722.2	822.4	1022.7	1222.9	64	24	2.67
374.6	415.1	495.9	576.5	656.9	677.0	777.4	977.9	1178.3	80	30	2.67
399.7	440.1	520.7	601.1	681.5	701.6	801.9	1002.3	1202.6	72	26	2.77
280.9	322.9	405.6	487.4	568.6	588.8	689.9	891.3	1092.2	112	40	2.80
348.1	389.0	470.2	551.0	631.7	651.8	752.4	953.1	1153.6	90	32	2.81
378.2	418.8	499.6	580.2	660.7	680.8	781.2	981.8	1182.1	80	28	2.86
424.6	464.9	545.4	625.7	706.0	726.0	826.3	1026.6	1226.8	64	22	2.91
284.2	326.3	409.1	490.9	572.2	592.5	693.6	895.0	1095.9	112	38	2.95
403.4	443.8	524.4	604.9	685.3	705.4	805.7	1006.1	1206.5	72	24	3.00
351.7	392.5	473.8	554.7	635.4	655.5	756.1	956.9	1157.5	90	30	3.00
		311.7	397.0	480.4	501.0	603.6	806.7	1008.6	144	48	3.00
					349.2	458.7	668.0	872.7	192	64	3.00
381.8	422.4	503.3	583.9	664.4	684.5	785.0	985.6	1186.0	80	26	3.08
287.6	329.7	412.6	494.5	575.9	596.1	697.3	898.8	1099.7	112	36	3.11
355.2	396.1	477.5	558.4	639.1	659.3	759.9	960.8	1161.3	90	28	3.21
		318.2	403.8	487.3	508.0	610.7	814.0	1016.0	144	44	3.27
407.0	447.5	528.2	608.7	689.1	709.1	809.5	1010.0	1210.3	72	22	3.27
290.9	333.1	416.1	498.1	579.5	599.8	701.0	902.5	1103.5	112	34	3.29
385.4	426.0	507.0	587.7	668.2	688.3	788.8	989.4	1189.9	80	24	3.33
				338.7	361.7	471.9	681.9	887.0	192	56	3.43
358.7	399.7	481.1	562.1	642.8	663.0	763.6	964.6	1165.1	90	26	3.46
294.2	336.5	419.6	501.6	583.1	603.4	704.6	906.3	1107.3	112	32	3.50

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8 mm

# CENTRE DISTANCE TABLES 8M & 8MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm									
			Belt length code designation in mm									
	DriveR	DriveN	480	560	600	640	720	800	880	960	1040	1120
3.60	40	144										
3.64	22	80						180.7	223.7	265.7	307.1	348.1
3.73	30	112									209.4	254.2
3.75	24	90							193.4	236.9	279.3	320.9
3.79	38	144										
4.00	28	112									212.5	257.4
4.00	36	144										
4.00	48	192										
4.09	22	90						150.3	196.6	240.2	282.6	324.4
4.24	34	144										
4.31	26	112									215.5	260.6
4.36	44	192										
4.50	32	144										
4.67	24	112									218.6	263.8
4.80	30	144										
4.80	40	192										
5.05	38	192										
5.09	22	112									221.7	267.0
5.14	28	144										
5.33	36	192										
5.54	26	144										
5.65	34	192										
6.00	24	144										
6.00	32	192										
6.40	30	192										
6.55	22	144										
6.86	28	192										
7.38	26	192										
8.00	24	192										
8.73	22	192										

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8 mm

# CENTRE DISTANCE TABLES 8M & 8MGT

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt length code designation in mm									DriveN	DriveR	
1200	1280	1440	1600	1760	1800	2000	2400	2800			
		324.6	410.4	494.1	514.9	617.8	821.3	1023.4	144	40	3.60
389.0	429.6	510.7	591.4	671.9	692.1	792.6	993.3	1193.7	80	22	3.64
297.5	339.8	423.1	505.2	586.7	607.0	708.3	910.0	1111.1	112	30	3.73
362.2	403.2	484.7	565.7	646.5	666.7	767.4	968.4	1169.0	90	24	3.75
		327.8	413.8	497.6	518.3	621.3	824.9	1027.1	144	38	3.79
300.8	343.2	426.5	508.7	590.3	610.6	712.0	913.7	1114.9	112	28	4.00
	239.3	331.0	417.1	501.0	521.8	624.8	828.6	1030.8	144	36	4.00
				350.9	374.1	484.9	695.7	901.3	192	48	4.00
365.7	406.8	488.3	569.4	650.2	670.4	771.1	972.1	1172.8	90	22	4.09
	242.3	334.2	420.4	504.4	525.2	628.3	832.2	1034.5	144	34	4.24
304.1	346.6	430.0	512.3	593.9	614.2	715.6	917.5	1118.6	112	26	4.31
				357.0	380.3	491.4	702.6	908.4	192	44	4.36
	245.2	337.4	423.8	507.8	528.6	631.8	835.8	1038.2	144	32	4.50
307.3	349.9	433.4	515.8	597.5	617.8	719.3	921.2	1122.4	112	24	4.67
	248.2	340.6	427.1	511.3	532.1	635.3	839.4	1041.9	144	30	4.80
				363.1	386.4	497.9	709.4	915.5	192	40	4.80
				366.1	389.5	501.1	712.9	919.0	192	38	5.05
310.6	353.2	436.9	519.3	601.0	621.4	722.9	924.9	1126.2	112	22	5.09
	251.2	343.8	430.4	514.7	535.5	638.8	843.0	1045.6	144	28	5.14
				369.1	392.6	504.4	716.3	922.5	192	36	5.33
	254.1	346.9	433.7	518.1	538.9	642.3	846.6	1049.2	144	26	5.54
				372.2	395.7	507.6	719.7	926.1	192	34	5.65
	257.1	350.1	437.0	521.5	542.3	645.8	850.2	1052.9	144	24	6.00
				375.2	398.7	510.8	723.1	929.6	192	32	6.00
				378.2	401.8	514.0	726.5	933.1	192	30	6.40
	260.1	353.3	440.3	524.8	545.7	649.3	853.8	1056.6	144	22	6.55
				381.2	404.8	517.2	729.9	936.6	192	28	6.86
				384.3	407.9	520.5	733.3	940.1	192	26	7.38
			282.2	387.3	411.0	523.7	736.7	943.7	192	24	8.00
			285.0	390.3	414.0	526.9	740.1	947.2	192	22	8.73

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8 mm

# CENTRE DISTANCE TABLES 14M & 14MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
	DriveR	DriveN	Belt length code designation in mm								
			966	1190	1400	1610	1750	1778	1890	2100	2310
1.00	28	28	287.0	399.0	504.0	609.0	679.0	693.0	749.0	854.0	959.0
1.00	29	29	280.0	392.0	497.0	602.0	672.0	686.0	742.0	847.0	952.0
1.00	30	30	273.0	385.0	490.0	595.0	665.0	679.0	735.0	840.0	945.0
1.00	32	32	259.0	371.0	476.0	581.0	651.0	665.0	721.0	826.0	931.0
1.00	34	34	245.0	357.0	462.0	567.0	637.0	651.0	707.0	812.0	917.0
1.00	36	36	231.0	343.0	448.0	553.0	623.0	637.0	693.0	798.0	903.0
1.00	38	38	217.0	329.0	434.0	539.0	609.0	623.0	679.0	784.0	889.0
1.00	40	40	203.0	315.0	420.0	525.0	595.0	609.0	665.0	770.0	875.0
1.00	44	44		287.0	392.0	497.0	567.0	581.0	637.0	742.0	847.0
1.00	48	48		259.0	364.0	469.0	539.0	553.0	609.0	714.0	819.0
1.00	56	56			308.0	413.0	483.0	497.0	553.0	658.0	763.0
1.00	64	64				357.0	427.0	441.0	497.0	602.0	707.0
1.03	29	30	276.5	388.5	493.5	598.5	668.5	682.5	738.5	843.5	948.5
1.04	28	29	283.5	395.5	500.5	605.5	675.5	689.5	745.5	850.5	955.5
1.05	38	40	210.0	322.0	427.0	532.0	602.0	616.0	672.0	777.0	882.0
1.06	32	34	252.0	364.0	469.0	574.0	644.0	658.0	714.0	819.0	924.0
1.06	34	36	238.0	350.0	455.0	560.0	630.0	644.0	700.0	805.0	910.0
1.06	36	38	224.0	336.0	441.0	546.0	616.0	630.0	686.0	791.0	896.0
1.07	28	30	280.0	392.0	497.0	602.0	672.0	686.0	742.0	847.0	952.0
1.07	30	32	266.0	378.0	483.0	588.0	658.0	672.0	728.0	833.0	938.0
1.09	44	48		272.9	377.9	482.9	552.9	566.9	622.9	727.9	833.0
1.10	29	32	269.4	381.4	486.5	591.5	661.5	675.5	731.5	836.5	941.5
1.10	40	44		300.9	405.9	510.9	580.9	594.9	650.9	755.9	861.0
1.11	36	40	216.8	328.9	433.9	538.9	608.9	622.9	678.9	783.9	889.0
1.12	34	38	230.8	342.9	447.9	552.9	622.9	636.9	692.9	798.0	903.0
1.13	30	34	258.8	370.9	475.9	580.9	650.9	664.9	720.9	826.0	931.0
1.13	32	36	244.8	356.9	461.9	566.9	636.9	650.9	706.9	812.0	917.0
1.13	64	72				328.5	398.6	412.6	468.7	573.7	678.8
1.14	28	32	272.9	384.9	489.9	594.9	664.9	678.9	734.9	840.0	945.0
1.14	56	64				384.6	454.7	468.7	524.7	629.7	734.8
1.16	38	44		307.7	412.8	517.8	587.8	601.9	657.9	762.9	867.9
1.17	29	34	262.3	374.3	479.4	584.4	654.4	668.4	724.4	829.4	934.4
1.17	48	56			335.5	440.6	510.7	524.7	580.7	685.8	790.8
1.18	34	40	223.6	335.7	440.8	545.8	615.9	629.9	685.9	790.9	895.9
1.19	32	38	237.6	349.7	454.8	559.8	629.9	643.9	699.9	804.9	909.9
1.20	30	36	251.6	363.8	468.8	573.8	643.9	657.9	713.9	818.9	923.9
1.20	40	48		286.4	391.6	496.7	566.7	580.7	636.8	741.8	846.8
1.21	28	34	265.7	377.8	482.8	587.8	657.9	671.9	727.9	832.9	937.9
1.22	36	44	202.2	314.5	419.6	524.7	594.7	608.7	664.8	769.8	874.8
1.24	29	36	255.0	367.2	472.2	577.3	647.3	661.3	717.3	822.4	927.4
1.25	32	40	230.3	342.5	447.6	552.7	622.7	636.8	692.8	797.8	902.8
1.25	64	80					369.3	383.3	439.6	544.8	650.0
1.26	38	48		293.2	398.4	503.5	573.6	587.6	643.6	748.7	853.7
1.27	30	38	244.3	356.6	461.7	566.7	636.8	650.8	706.8	811.8	916.8
1.27	44	56		243.5	349.0	454.2	524.3	538.3	594.4	699.5	804.6
1.29	28	36	258.4	370.6	475.7	580.7	650.8	664.8	720.8	825.8	930.8
1.29	34	44	208.8	321.2	426.4	531.5	601.6	615.6	671.6	776.7	881.7
1.29	56	72				355.2	425.5	439.6	495.7	600.9	706.1
1.31	29	38	247.7	359.9	465.1	570.1	640.2	654.2	710.2	815.3	920.3
1.33	30	40	237.0	349.3	454.5	559.6	629.6	643.6	699.6	804.7	909.7
1.33	36	48		299.8	405.1	510.3	580.4	594.4	650.5	755.5	860.6

3  
14 mm

# CENTRE DISTANCE TABLES 14M & 14MGT

Theoretical centre distance in mm								Number of grooves		Speed ratio
Belt length code designation in mm								DriveN	DriveR	
2450	2590	2800	3150	3500	3850	4326	4578			
1029.0	1099.0	1204.0	1379.0	1554.0	1729.0	1967.0	2093.0	28	28	1.00
1022.0	1092.0	1197.0	1372.0	1547.0	1722.0	1960.0	2086.0	29	29	1.00
1015.0	1085.0	1190.0	1365.0	1540.0	1715.0	1953.0	2079.0	30	30	1.00
1001.0	1071.0	1176.0	1351.0	1526.0	1701.0	1939.0	2065.0	32	32	1.00
987.0	1057.0	1162.0	1337.0	1512.0	1687.0	1925.0	2051.0	34	34	1.00
973.0	1043.0	1148.0	1323.0	1498.0	1673.0	1911.0	2037.0	36	36	1.00
959.0	1029.0	1134.0	1309.0	1484.0	1659.0	1897.0	2023.0	38	38	1.00
945.0	1015.0	1120.0	1295.0	1470.0	1645.0	1883.0	2009.0	40	40	1.00
917.0	987.0	1092.0	1267.0	1442.0	1617.0	1855.0	1981.0	44	44	1.00
889.0	959.0	1064.0	1239.0	1414.0	1589.0	1827.0	1953.0	48	48	1.00
833.0	903.0	1008.0	1183.0	1358.0	1533.0	1771.0	1897.0	56	56	1.00
777.0	847.0	952.0	1127.0	1302.0	1477.0	1715.0	1841.0	64	64	1.00
1018.5	1088.5	1193.5	1368.5	1543.5	1718.5	1956.5	2082.5	30	29	1.03
1025.5	1095.5	1200.5	1375.5	1550.5	1725.5	1963.5	2089.5	29	28	1.04
952.0	1022.0	1127.0	1302.0	1477.0	1652.0	1890.0	2016.0	40	38	1.05
994.0	1064.0	1169.0	1344.0	1519.0	1694.0	1932.0	2058.0	34	32	1.06
980.0	1050.0	1155.0	1330.0	1505.0	1680.0	1918.0	2044.0	36	34	1.06
966.0	1036.0	1141.0	1316.0	1491.0	1666.0	1904.0	2030.0	38	36	1.06
1022.0	1092.0	1197.0	1372.0	1547.0	1722.0	1960.0	2086.0	30	28	1.07
1008.0	1078.0	1183.0	1358.0	1533.0	1708.0	1946.0	2072.0	32	30	1.07
903.0	973.0	1078.0	1253.0	1428.0	1603.0	1841.0	1967.0	48	44	1.09
1011.5	1081.5	1186.5	1361.5	1536.5	1711.5	1949.5	2075.5	32	29	1.10
931.0	1001.0	1106.0	1281.0	1456.0	1631.0	1869.0	1995.0	44	40	1.10
959.0	1029.0	1134.0	1309.0	1484.0	1659.0	1897.0	2023.0	40	36	1.11
973.0	1043.0	1148.0	1323.0	1498.0	1673.0	1911.0	2037.0	38	34	1.13
1001.0	1071.0	1176.0	1351.0	1526.0	1701.0	1939.0	2065.0	34	30	1.13
987.0	1057.0	1162.0	1337.0	1512.0	1687.0	1925.0	2051.0	36	32	1.13
748.8	818.8	923.8	1098.9	1273.9	1448.9	1686.9	1812.9	72	64	1.13
1015.0	1085.0	1190.0	1365.0	1540.0	1715.0	1953.0	2079.0	32	28	1.14
804.8	874.8	979.8	1154.9	1329.9	1504.9	1742.9	1868.9	64	56	1.14
937.9	1007.9	1112.9	1287.9	1462.9	1637.9	1876.0	2002.0	44	38	1.16
1004.4	1074.4	1179.4	1354.5	1529.5	1704.5	1942.5	2068.5	34	29	1.17
860.8	930.8	1035.8	1210.9	1385.9	1560.9	1798.9	1924.9	56	48	1.17
965.9	1035.9	1140.9	1315.9	1490.9	1665.9	1904.0	2030.0	40	34	1.18
979.9	1049.9	1154.9	1329.9	1504.9	1679.9	1918.0	2044.0	38	32	1.19
993.9	1063.9	1168.9	1343.9	1518.9	1693.9	1932.0	2058.0	36	30	1.20
916.8	986.8	1091.9	1266.9	1441.9	1616.9	1854.9	1980.9	48	40	1.20
1007.9	1077.9	1182.9	1357.9	1532.9	1707.9	1946.0	2072.0	34	28	1.21
944.8	1014.8	1119.9	1294.9	1469.9	1644.9	1882.9	2008.9	44	36	1.22
997.4	1067.4	1172.4	1347.4	1522.4	1697.4	1935.4	2061.4	36	29	1.24
972.8	1042.8	1147.9	1322.9	1497.9	1672.9	1910.9	2036.9	40	32	1.25
720.1	790.2	895.3	1070.4	1245.5	1420.6	1658.6	1784.6	80	64	1.25
923.7	993.8	1098.8	1273.8	1448.8	1623.8	1861.9	1987.9	48	38	1.26
986.8	1056.8	1161.9	1336.9	1511.9	1686.9	1924.9	2050.9	38	30	1.27
874.6	944.6	1049.7	1224.7	1399.7	1574.8	1812.8	1938.8	56	44	1.27
1000.8	1070.9	1175.9	1350.9	1525.9	1700.9	1938.9	2064.9	36	28	1.29
951.7	1021.8	1126.8	1301.8	1476.8	1651.8	1889.9	2015.9	44	34	1.29
776.2	846.2	951.3	1126.4	1301.5	1476.6	1714.6	1840.7	72	56	1.29
990.3	1060.3	1165.3	1340.3	1515.4	1690.4	1928.4	2054.4	38	29	1.31
979.7	1049.8	1154.8	1329.8	1504.8	1679.9	1917.9	2043.9	40	30	1.33
930.6	1000.6	1105.7	1280.7	1455.8	1630.8	1868.8	1994.8	48	36	1.33

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14 mm

# CENTRE DISTANCE TABLES 14M & 14MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
	DriveR	DriveN	Belt length code designation in mm								
			966	1190	1400	1610	1750	1778	1890	2100	2310
1.33	48	64			305.9	411.5	481.7	495.7	551.8	657.0	762.2
1.36	28	38	251.0	363.3	468.5	573.6	643.6	657.6	713.7	818.7	923.7
1.38	29	40	240.2	352.6	457.8	563.0	633.0	647.0	703.1	808.1	913.2
1.38	32	44	215.3	327.9	433.2	538.3	608.4	622.4	678.5	783.5	888.6
1.40	40	56		256.5	362.2	467.6	537.8	551.8	608.0	713.1	818.2
1.41	34	48		306.4	411.8	517.1	587.2	601.2	657.3	762.4	867.4
1.41	64	90							401.8	507.7	613.3
1.43	28	40	243.5	356.0	461.2	566.4	636.4	650.5	706.5	811.6	916.6
1.43	56	80				324.6	395.4	409.5	465.9	571.5	676.9
1.45	44	64			318.9	424.7	495.0	509.0	565.2	670.5	775.7
1.47	30	44	221.8	334.5	439.9	545.1	629.6	629.2	685.3	790.4	895.5
1.47	38	56		262.9	368.8	474.3	544.5	558.6	614.7	719.9	825.0
1.50	32	48	199.8	313.0	418.5	523.8	593.9	608.0	664.0	769.2	874.3
1.50	48	72				381.2	451.8	465.9	522.3	627.7	733.0
1.52	29	44	225.0	337.8	443.2	548.5	618.6	632.6	688.7	793.8	898.9
1.56	36	56		269.3	375.4	480.9	551.2	565.2	621.4	726.6	831.8
1.57	28	44	228.2	341.1	446.6	551.8	622.0	636.0	692.1	797.2	902.3
1.60	30	48	206.1	319.5	425.1	530.5	600.7	614.7	670.8	776.0	881.1
1.60	40	64			331.7	437.7	508.2	522.3	578.5	683.9	789.2
1.61	56	90						370.2	427.3	533.6	639.5
1.64	44	72			287.2	394.1	464.8	478.9	535.4	641.0	746.4
1.65	34	56		275.6	381.8	487.5	557.8	571.9	628.1	733.4	838.6
1.66	29	48	209.2	322.7	428.4	533.8	604.0	618.0	674.2	779.3	884.5
1.67	48	80				349.7	420.9	435.5	491.2	597.7	703.4
1.68	38	64		230.7	338.0	444.2	514.7	528.8	585.1	690.6	795.9
1.71	28	48	212.3	325.9	431.7	537.2	607.4	621.4	677.5	782.7	887.9
1.75	32	56		281.9	388.3	494.1	564.5	578.5	634.7	740.1	845.3
1.75	64	112								420.3	528.1
1.78	36	64			344.3	450.7	521.3	535.4	591.7	697.2	802.6
1.80	40	72			299.5	406.7	477.7	491.8	548.4	654.1	759.7
1.82	44	80				362.1	433.6	447.8	504.6	610.7	716.5
1.87	30	56		288.2	394.7	500.6	571.1	585.1	641.4	746.8	852.0
1.88	34	64		242.7	350.6	457.1	527.8	541.9	598.3	703.8	809.2
1.88	48	90					380.4	394.9	452.3	559.2	665.4
1.89	38	72			305.6	413.0	484.1	498.2	554.8	660.7	766.3
1.93	29	56		291.3	397.9	503.9	574.3	588.4	644.7	750.1	855.4
2.00	28	56		294.4	401.1	507.2	577.6	591.7	648.0	753.4	858.7
2.00	32	64		248.7	356.9	463.5	534.2	548.4	604.8	710.4	815.9
2.00	36	72			311.6	419.3	490.4	504.6	561.3	667.2	772.8
2.00	40	80				374.3	446.1	460.3	517.3	623.6	729.5
2.00	56	112								444.4	552.9
2.05	44	90				319.4	392.5	407.0	464.6	571.8	678.2
2.11	38	80			270.7	380.4	452.3	466.6	523.6	630.0	736.0
2.12	34	72				317.6	425.5	496.8	511.0	567.7	673.7
2.13	30	64		254.6	363.1	469.9	540.7	554.8	611.3	717.0	822.5
2.21	29	64		257.6	366.2	473.1	543.9	558.0	614.5	720.3	825.8
2.22	36	80			276.4	386.5	458.5	472.8	529.9	636.4	742.5
2.25	32	72			323.6	431.8	503.1	517.3	574.1	680.2	785.9
2.25	40	90				331.1	404.6	419.1	476.9	584.3	691.0
2.25	64	144									
2.29	28	64		260.6	369.3	476.2	547.1	561.3	617.8	723.5	829.1

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14 mm

# CENTRE DISTANCE TABLES 14M & 14MGT

Theoretical centre distance in mm								Number of grooves		Speed ratio
Belt length code designation in mm								DriveN	DriveR	
2450	2590	2800	3150	3500	3850	4326	4578			
832.2	902.3	1007.4	1182.5	1357.5	1532.6	1770.6	1896.7	64	48	1.33
993.8	1063.8	1168.8	1343.8	1518.8	1693.9	1931.9	2057.9	38	28	1.36
983.2	1053.2	1158.2	1333.3	1508.3	1683.3	1921.3	2047.4	40	29	1.38
958.6	1028.7	1133.7	1308.7	1483.8	1658.8	1896.8	2022.8	44	32	1.38
888.3	958.3	1063.4	1238.5	1413.6	1588.6	1826.7	1952.7	56	40	1.40
937.5	1007.5	1112.6	1287.6	1462.7	1637.7	1875.7	2001.8	48	34	1.41
683.5	753.8	859.0	1034.4	1209.6	1384.8	1623.0	1749.0	90	64	1.41
986.6	1056.7	1161.7	1336.7	1511.8	1686.8	1924.8	2050.8	40	28	1.43
747.1	817.2	922.4	1097.7	1272.9	1448.0	1686.2	1812.2	80	56	1.43
845.8	915.9	1021.0	1196.2	1371.3	1546.4	1784.4	1910.5	64	44	1.45
965.5	1035.5	1140.6	1315.6	1490.7	1665.7	1903.7	2029.8	44	30	1.47
895.1	965.2	1070.2	1245.4	1420.4	1595.5	1833.6	1959.6	56	38	1.47
944.3	1014.4	1119.4	1294.5	1469.6	1644.6	1882.7	2008.7	48	32	1.50
803.2	873.4	978.5	1153.8	1328.9	1504.0	1742.2	1868.2	72	48	1.50
968.9	1039.0	1144.0	1319.1	1494.1	1669.2	1907.2	2033.2	44	29	1.52
901.9	972.0	1077.1	1252.2	1427.3	1602.4	1840.5	1966.5	56	36	1.56
972.3	1042.4	1147.4	1322.5	1497.6	1672.6	1910.7	2036.7	44	28	1.57
951.2	1021.2	1126.3	1301.4	1476.5	1651.5	1889.6	2015.6	48	30	1.60
859.3	929.5	1034.6	1209.8	1385.0	1560.1	1798.2	1924.3	64	40	1.60
710.0	780.3	885.8	1061.3	1236.7	1412.0	1650.3	1776.4	90	56	1.61
816.6	886.8	992.0	1167.3	1342.6	1517.7	1755.9	1882.0	72	44	1.64
908.7	978.8	1083.9	1259.0	1434.2	1609.3	1847.3	1973.4	56	34	1.65
954.6	1024.6	1129.7	1304.8	1479.9	1655.0	1893.0	2019.1	48	29	1.66
773.7	844.0	949.3	1124.7	1300.0	1475.3	1713.5	1839.6	80	48	1.67
866.1	936.2	1041.4	1216.6	1391.8	1566.9	1805.1	1931.1	64	38	1.68
958.0	1028.0	1133.1	1308.2	1483.3	1658.4	1896.5	2022.5	48	28	1.71
915.4	985.5	1090.7	1265.9	1441.0	1616.1	1854.2	1980.3	56	32	1.75
599.4	670.5	776.6	953.0	1128.9	1304.6	1543.3	1669.6	112	64	1.75
872.8	942.9	1048.1	1223.4	1398.6	1573.8	1811.9	1938.0	64	36	1.78
829.9	900.2	1005.5	1180.8	1356.1	1531.3	1769.6	1895.7	72	40	1.80
786.9	857.2	962.7	1138.2	1313.6	1488.8	1727.1	1853.3	80	44	1.82
922.2	992.3	1097.5	1272.7	1447.8	1623.0	1861.1	1987.2	56	30	1.87
879.5	949.6	1054.9	1230.2	1405.4	1580.6	1818.8	1944.9	64	34	1.88
736.0	806.6	912.2	1088.0	1263.5	1439.0	1677.4	1803.6	90	48	1.88
836.6	906.8	1012.2	1187.6	1362.9	1538.1	1776.4	1902.5	72	38	1.89
925.5	995.7	1100.9	1276.1	1451.3	1626.4	1864.5	1990.6	56	29	1.93
928.9	999.1	1104.2	1279.5	1454.7	1629.8	1868.0	1994.0	56	28	2.00
886.1	956.3	1061.6	1236.9	1412.2	1587.4	1825.6	1951.7	64	32	2.00
843.2	913.5	1018.8	1194.3	1369.7	1544.9	1783.2	1909.3	72	36	2.00
800.0	870.4	975.9	1151.5	1327.0	1502.4	1740.7	1866.9	80	40	2.00
624.5	695.8	802.3	979.0	1155.3	1331.1	1570.0	1696.4	112	56	2.00
749.0	819.6	925.3	1101.2	1276.9	1452.4	1690.9	1817.1	90	44	2.05
806.6	877.0	982.5	1158.2	1333.7	1509.1	1747.5	1873.7	80	38	2.11
849.8	920.1	1025.5	1201.0	1376.4	1551.7	1790.0	1916.1	72	34	2.12
892.8	963.0	1068.3	1243.7	1419.0	1594.2	1832.4	1958.5	64	30	2.13
896.1	966.4	1071.7	1247.1	1422.4	1597.6	1835.8	1961.9	64	29	2.21
813.1	883.6	989.1	1164.9	1340.4	1515.8	1754.3	1880.4	80	36	2.22
856.4	926.7	1032.1	1207.7	1383.1	1558.5	1796.8	1922.9	72	32	2.25
761.8	832.5	938.4	1114.4	1290.2	1465.8	1704.4	1830.6	90	40	2.25
	537.1	647.3	827.7	1006.2	1183.6	1423.8	1550.7	144	64	2.25
899.4	969.7	1075.0	1250.4	1425.7	1601.0	1839.3	1965.4	64	28	2.29

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14 mm

# CENTRE DISTANCE TABLES 14M & 14MGT

Speed ratio	Number of grooves		Theoretical centre distance in mm								
			Belt length code designation in mm								
	DriveR	DriveN	966	1190	1400	1610	1750	1778	1890	2100	2310
2.33	48	112								468.1	577.3
2.35	34	80			282.2	392.5	464.6	479.0	536.2	642.8	749.0
2.37	38	90				336.9	410.5	425.1	483.0	590.6	697.4
2.40	30	72			329.6	438.0	509.4	523.6	580.4	686.6	792.5
2.48	29	72			332.6	441.1	512.5	526.8	583.6	689.8	795.7
2.50	32	80			287.9	398.6	470.8	485.2	542.4	649.2	755.4
2.50	36	90				342.6	416.5	431.1	489.1	596.8	703.7
2.55	44	112							367.3	479.9	589.4
2.57	28	72			335.6	444.1	515.7	529.9	586.8	693.1	799.0
2.57	56	144									
2.65	34	90				348.4	422.4	437.1	495.2	603.0	710.0
2.67	30	80			293.6	404.6	476.9	491.3	548.6	655.5	761.8
2.76	29	80			296.4	407.6	480.0	494.4	551.8	658.7	765.0
2.80	40	112							378.5	491.6	601.5
2.81	32	90				354.1	428.4	443.0	501.2	609.2	716.3
2.86	28	80			299.3	410.5	483.0	497.4	554.9	661.8	768.2
2.95	38	112							384.0	497.4	607.5
3.00	30	90				359.9	434.3	448.9	507.3	615.4	722.6
3.00	48	144									
3.00	64	192									
3.10	29	90				362.7	437.2	451.9	510.3	618.5	725.7
3.11	36	112							389.6	503.2	613.5
3.21	28	90				365.6	440.1	454.9	513.3	621.6	728.9
3.27	44	144									439.2
3.29	34	112						331.3	395.1	509.0	619.5
3.43	56	192									
3.50	32	112						336.6	400.6	514.8	625.4
3.60	40	144									449.9
3.73	30	112						341.9	406.2	520.6	631.4
3.79	38	144									455.2
3.86	29	112						344.6	408.9	523.5	634.3
4.00	28	112						347.2	411.7	526.4	637.3
4.00	36	144									460.6
4.00	48	192									
4.24	34	144									465.9
4.36	44	192									
4.50	32	144									471.2
4.80	40	192									
4.80	30	144									476.5
4.97	29	144									479.2
5.05	38	192									
5.14	28	144									481.9
5.33	36	192									
5.65	34	192									
6.00	32	192									
6.40	30	192									
6.62	29	192									
6.86	28	192									

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14 mm



# CENTRE DISTANCE TABLES 14M & 14MGT

Theoretical centre distance in mm								Number of grooves		Speed ratio
Belt length code designation in mm								DriveN	DriveR	
2450	2590	2800	3150	3500	3850	4326	4578			
649.3	720.8	827.7	1004.9	1181.4	1357.5	1596.6	1723.1	112	48	2.12
819.6	890.1	995.7	1171.5	1347.1	1522.5	1761.0	1887.2	80	34	2.35
768.2	839.0	944.9	1121.0	1296.8	1472.4	1711.1	1837.3	90	38	2.37
862.9	933.3	1038.8	1214.4	1389.8	1565.2	1803.6	1929.7	72	30	2.40
866.2	936.6	1042.1	1217.7	1393.2	1568.6	1807.0	1933.1	72	29	2.48
826.1	896.6	1002.3	1178.1	1353.8	1529.3	1767.8	1894.0	80	32	2.50
774.6	845.4	951.4	1127.6	1303.4	1479.1	1717.8	1844.1	90	36	2.50
661.6	733.3	840.3	1017.7	1194.4	1370.6	1609.9	1736.4	112	44	2.55
869.5	939.9	1045.4	1221.1	1396.6	1571.9	1810.3	1936.5	72	28	2.57
484.8	560.3	671.1	852.3	1031.3	1209.1	1449.7	1576.8	144	56	2.57
781.0	851.8	957.9	1134.1	1310.1	1485.8	1724.5	1850.8	90	34	2.65
832.5	903.1	1008.8	1184.8	1360.4	1536.0	1774.5	1900.7	80	30	2.67
835.8	906.4	1012.1	1188.1	1363.8	1539.3	1777.9	1904.1	80	29	2.76
673.8	745.7	852.9	1030.5	1207.3	1383.7	1623.1	1749.6	112	40	2.80
787.4	858.3	964.3	1140.7	1316.7	1492.4	1731.2	1857.5	90	32	2.81
839.0	909.6	1015.4	1191.4	1367.1	1542.6	1781.2	1907.5	80	28	2.86
679.9	751.8	859.1	1036.9	1213.8	1390.2	1629.7	1756.3	112	38	2.95
793.7	864.6	970.8	1147.2	1323.2	1499.0	1737.9	1864.2	90	30	3.00
507.2	583.3	694.8	876.8	1056.3	1234.4	1475.5	1602.7	144	48	3.00
			611.2	802.8	987.5	1233.9	1363.1	192	64	3.00
796.9	867.8	974.0	1150.5	1326.5	1502.3	1741.2	1867.6	90	29	3.10
686.0	758.0	865.4	1043.2	1220.2	1396.7	1636.2	1762.9	112	36	3.11
800.0	871.0	977.2	1153.7	1329.8	1505.7	1744.5	1870.9	90	28	3.21
518.3	594.8	706.6	888.9	1068.7	1247.0	1488.3	1615.6	144	44	3.27
692.1	764.1	871.6	1049.6	1226.7	1403.2	1642.8	1769.5	112	34	3.29
			633.0	825.7	1011.2	1258.3	1387.8	192	56	3.43
698.1	770.3	877.8	1055.9	1233.1	1409.7	1649.4	1776.0	112	32	3.50
529.4	606.1	718.3	901.0	1081.1	1259.6	1501.1	1628.5	144	40	3.60
704.2	776.4	884.1	1062.2	1239.5	1416.2	1655.9	1782.6	112	30	3.73
535.0	611.8	724.1	907.1	1087.2	1265.9	1507.5	1634.9	144	38	3.79
707.2	779.5	887.2	1065.4	1242.7	1419.4	1659.2	1785.9	112	29	3.86
			1068.6	1245.9	1422.7	1662.5	1789.2	112	28	4.00
540.5	617.5	730.0	913.1	1093.4	1272.2	1513.8	1641.3	144	36	4.00
			654.7	848.6	1034.8	1282.7	1412.4	192	48	4.00
546.0	623.1	735.8	919.1	1099.6	1278.4	1520.2	1647.7	144	34	4.24
			665.5	860.0	1046.6	1294.8	1424.7	192	44	4.36
551.5	628.8	741.6	925.1	1105.7	1284.7	1526.6	1654.1	144	32	4.50
			676.3	871.3	1058.3	1306.9	1436.9	192	40	4.80
557.0	634.4	747.4	931.1	1111.9	1290.9	1532.9	1660.5	144	30	4.80
559.8	637.3	750.3	934.1	1114.9	1294.0	1536.1	1663.7	144	29	4.97
			681.7	877.0	1064.2	1312.9	1443.0	192	38	5.05
562.5	640.1	753.2	937.1	1118.0	1297.2	1539.2	1666.9	144	28	5.14
			687.0	882.6	1070.0	1318.9	1449.1	192	36	5.33
			692.4	888.3	1075.9	1324.9	1455.2	192	34	5.65
			697.8	893.9	1081.7	1331.0	1461.3	192	32	6.00
			703.1	899.6	1087.5	1337.0	1467.4	192	30	6.40
			705.8	902.4	1090.4	1340.0	1470.4	192	29	6.62
			708.5	905.2	1093.3	1343.0	1473.5	192	28	6.86

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14 mm

# CENTRE DISTANCE TABLES 20M

Speed ratio	Number of grooves		Theoretical centre distance in mm							
	DriveR	DriveN	Belt length code designation in mm							
			2000	2500	3400	3800	4200	4600	5000	5200
1.00	34	34	660.0	910.0	1360.0	1560.0	1760.0	1960.0	2160.0	2260.0
1.00	36	36	640.0	890.0	1340.0	1540.0	1740.0	1940.0	2140.0	2240.0
1.00	38	38	620.0	870.0	1320.0	1520.0	1720.0	1920.0	2120.0	2220.0
1.00	40	40	600.0	850.0	1300.0	1500.0	1700.0	1900.0	2100.0	2200.0
1.00	44	44	560.0	810.0	1260.0	1460.0	1660.0	1860.0	2060.0	2160.0
1.00	48	48	520.0	770.0	1220.0	1420.0	1620.0	1820.0	2020.0	2120.0
1.00	52	52	480.0	730.0	1180.0	1380.0	1580.0	1780.0	1980.0	2080.0
1.00	56	56	440.0	690.0	1140.0	1340.0	1540.0	1740.0	1940.0	2040.0
1.00	60	60		650.0	1100.0	1300.0	1500.0	1700.0	1900.0	2000.0
1.00	64	64		610.0	1060.0	1260.0	1460.0	1660.0	1860.0	1960.0
1.05	38	40	610.0	860.0	1310.0	1510.0	1710.0	1910.0	2110.0	2210.0
1.06	34	36	650.0	900.0	1350.0	1550.0	1750.0	1950.0	2150.0	2250.0
1.06	36	38	630.0	880.0	1330.0	1530.0	1730.0	1930.0	2130.0	2230.0
1.06	64	68		589.9	1039.9	1239.9	1439.9	1640.0	1840.0	1940.0
1.07	56	60	419.8	669.9	1119.9	1319.9	1519.9	1720.0	1920.0	2020.0
1.08	48	52	499.8	749.9	1199.9	1399.9	1599.9	1800.0	2000.0	2100.0
1.08	52	56	459.8	709.9	1159.9	1359.9	1559.9	1760.0	1960.0	2060.0
1.09	44	48	539.8	789.9	1239.9	1439.9	1640.0	1840.0	2040.0	2140.0
1.10	40	44	579.9	829.9	1279.9	1479.9	1680.0	1880.0	2080.0	2180.0
1.11	36	40	619.9	869.9	1319.9	1519.9	1720.0	1920.0	2120.0	2220.0
1.12	34	38	639.9	889.9	1339.9	1539.9	1740.0	1940.0	2140.0	2240.0
1.13	60	68		609.5	1059.7	1259.7	1459.8	1659.8	1859.8	1959.8
1.14	56	64		649.5	1099.7	1299.8	1499.8	1699.8	1899.8	1999.8
1.15	52	60	439.3	689.5	1139.7	1339.8	1539.8	1739.8	1939.8	2039.8
1.16	38	44	589.7	839.8	1289.9	1489.9	1689.9	1889.9	2089.9	2189.9
1.17	48	56	479.3	729.6	1179.7	1379.8	1579.8	1779.8	1979.8	2079.8
1.18	44	52	519.4	769.6	1219.7	1419.8	1619.8	1819.8	2019.8	2119.8
1.18	34	40	629.7	879.8	1329.9	1529.9	1729.9	1929.9	2129.9	2229.9
1.20	60	72		588.8	1039.3	1239.4	1439.5	1639.6	1839.6	1939.6
1.20	40	48	559.4	809.6	1259.7	1459.8	1659.8	1859.8	2059.8	2159.8
1.21	56	68		628.8	1079.3	1279.4	1479.5	1679.6	1879.6	1979.6
1.22	36	44	599.5	849.6	1299.8	1499.8	1699.8	1899.8	2099.8	2199.9
1.23	52	64	418.3	668.9	1119.3	1319.4	1519.5	1719.6	1919.6	2019.6
1.25	48	60	458.4	709.0	1159.4	1359.5	1559.5	1759.6	1959.6	2059.6
1.26	38	48	569.1	819.4	1269.6	1469.7	1669.7	1869.7	2069.8	2169.8
1.27	44	56	498.5	749.0	1199.4	1399.5	1599.5	1799.6	1999.6	2099.7
1.29	56	72		607.9	1058.8	1259.0	1459.1	1659.2	1859.3	1959.3
1.29	34	44	609.2	859.4	1309.6	1509.7	1709.7	1909.7	2109.8	2209.8
1.30	40	52	538.6	789.1	1239.4	1439.5	1639.6	1839.6	2039.6	2139.7
1.31	52	68		648.0	1098.8	1299.0	1499.1	1699.2	1899.3	1999.4
1.33	60	80		546.3	998.0	1198.3	1398.6	1598.7	1798.9	1898.9
1.33	36	48	578.7	829.1	1279.4	1479.5	1679.6	1879.6	2079.6	2179.7
1.33	48	64	437.0	688.1	1138.9	1339.0	1539.2	1739.3	1939.3	2039.4
1.36	44	60	477.3	728.2	1178.9	1379.1	1579.2	1779.3	1979.3	2079.4
1.37	38	52	548.2	798.8	1249.2	1449.3	1649.4	1849.5	2049.5	2149.5
1.38	52	72		626.8	1078.1	1278.4	1478.6	1678.8	1878.9	1979.0
1.40	40	56	517.5	768.3	1218.9	1419.1	1619.2	1819.3	2019.4	2119.4
1.41	34	48	588.3	838.8	1289.2	1489.3	1689.4	1889.5	2089.5	2189.5
1.42	48	68	415.1	667.0	1118.2	1318.5	1518.7	1718.8	1918.9	2019.0
1.43	56	80		564.8	1017.1	1217.6	1417.9	1618.2	1818.4	1918.5

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20 mm

# CENTRE DISTANCE TABLES 20M

Theoretical centre distance in mm							Number of grooves		Speed ratio
Belt length code designation in mm							DriveN	DriveR	
5400	5600	5800	6000	6200	6400	6600			
2360.0	2460.0	2560.0	2660.0	2760.0	2860.0	2960.0	34	34	1.00
2340.0	2440.0	2540.0	2640.0	2740.0	2840.0	2940.0	36	36	1.00
2320.0	2420.0	2520.0	2620.0	2720.0	2820.0	2920.0	38	38	1.00
2300.0	2400.0	2500.0	2600.0	2700.0	2800.0	2900.0	40	40	1.00
2260.0	2360.0	2460.0	2560.0	2660.0	2760.0	2860.0	44	44	1.00
2220.0	2320.0	2420.0	2520.0	2620.0	2720.0	2820.0	48	48	1.00
2180.0	2280.0	2380.0	2480.0	2580.0	2680.0	2780.0	52	52	1.00
2140.0	2240.0	2340.0	2440.0	2540.0	2640.0	2740.0	56	56	1.00
2100.0	2200.0	2300.0	2400.0	2500.0	2600.0	2700.0	60	60	1.00
2060.0	2160.0	2260.0	2360.0	2460.0	2560.0	2660.0	64	64	1.00
2310.0	2410.0	2510.0	2610.0	2710.0	2810.0	2910.0	40	38	1.05
2350.0	2450.0	2550.0	2650.0	2750.0	2850.0	2950.0	36	34	1.06
2330.0	2430.0	2530.0	2630.0	2730.0	2830.0	2930.0	38	36	1.06
2040.0	2140.0	2240.0	2340.0	2440.0	2540.0	2640.0	68	64	1.06
2120.0	2220.0	2320.0	2420.0	2520.0	2620.0	2720.0	60	56	1.07
2200.0	2300.0	2400.0	2500.0	2600.0	2700.0	2800.0	52	48	1.08
2160.0	2260.0	2360.0	2460.0	2560.0	2660.0	2760.0	56	52	1.08
2240.0	2340.0	2440.0	2540.0	2640.0	2740.0	2840.0	48	44	1.09
2280.0	2380.0	2480.0	2580.0	2680.0	2780.0	2880.0	44	40	1.10
2320.0	2420.0	2520.0	2620.0	2720.0	2820.0	2920.0	40	36	1.11
2340.0	2440.0	2540.0	2640.0	2740.0	2840.0	2940.0	38	34	1.12
2059.8	2159.8	2259.9	2359.9	2459.9	2559.9	2659.9	68	60	1.13
2099.8	2199.9	2299.9	2399.9	2499.9	2599.9	2699.9	64	56	1.14
2139.8	2239.9	2339.9	2439.9	2539.9	2639.9	2739.9	60	52	1.15
2289.9	2389.9	2489.9	2589.9	2689.9	2789.9	2889.9	44	38	1.13
2179.9	2279.9	2379.9	2479.9	2579.9	2679.9	2779.9	56	48	1.17
2219.9	2319.9	2419.9	2519.9	2619.9	2719.9	2819.9	52	44	1.18
2329.9	2429.9	2529.9	2629.9	2729.9	2829.9	2929.9	40	34	1.18
2039.6	2139.7	2239.7	2339.7	2439.7	2539.7	2639.7	72	60	1.20
2259.9	2359.9	2459.9	2559.9	2659.9	2759.9	2859.9	48	40	1.20
2079.6	2179.7	2279.7	2379.7	2479.7	2579.7	2679.7	68	56	1.21
2299.9	2399.9	2499.9	2599.9	2699.9	2799.9	2899.9	44	36	1.22
2119.7	2219.7	2319.7	2419.7	2519.7	2619.7	2719.7	64	52	1.23
2159.7	2259.7	2359.7	2459.7	2559.7	2659.7	2759.7	60	48	1.25
2269.8	2369.8	2469.8	2569.8	2669.8	2769.8	2869.8	48	38	1.26
2199.7	2299.7	2399.7	2499.7	2599.7	2699.7	2799.7	56	44	1.27
2059.4	2159.4	2259.4	2359.5	2459.5	2559.5	2659.5	72	56	1.29
2309.8	2409.8	2509.8	2609.8	2709.8	2809.8	2909.8	44	34	1.29
2239.7	2339.7	2439.7	2539.7	2639.7	2739.7	2839.7	52	40	1.30
2099.4	2199.4	2299.4	2399.5	2499.5	2599.5	2699.5	68	52	1.31
1999.0	2099.0	2199.1	2299.1	2399.2	2499.2	2599.2	80	60	1.33
2279.7	2379.7	2479.7	2579.7	2679.7	2779.7	2879.7	48	36	1.33
2139.4	2239.4	2339.4	2439.5	2539.5	2639.5	2739.5	64	48	1.33
2179.4	2279.4	2379.5	2479.5	2579.5	2679.5	2779.5	60	44	1.36
2249.6	2349.6	2449.6	2549.6	2649.6	2749.6	2849.7	52	38	1.37
2079.0	2179.1	2279.1	2379.1	2479.2	2579.2	2679.2	72	52	1.38
2219.4	2319.4	2419.5	2519.5	2619.5	2719.5	2819.5	56	40	1.40
2289.6	2389.6	2489.6	2589.6	2689.6	2789.6	2889.7	48	34	1.41
2119.0	2219.1	2319.1	2419.2	2519.2	2619.2	2719.3	68	48	1.42
2018.6	2118.6	2218.7	2318.7	2418.8	2518.8	2618.9	80	56	1.43

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20 mm

# CENTRE DISTANCE TABLES 20M

Speed ratio	Number of grooves		Theoretical centre distance in mm							
	DriveR	DriveN	Belt length code designation in mm							
			2000	2500	3400	3800	4200	4600	5000	5200
1.44	36	52	557.7	808.4	1259.0	1459.1	1659.2	1859.3	2059.4	2159.4
1.45	44	64	455.5	707.1	1158.3	1358.5	1558.7	1758.8	1959.0	2059.0
1.47	38	56	526.9	777.9	1228.7	1428.9	1629.0	1829.1	2029.2	2129.2
1.50	40	60	495.9	747.3	1198.3	1398.6	1598.7	1798.9	1999.0	2099.0
1.50	48	72		645.5	1097.3	1297.8	1498.1	1698.3	1898.5	1998.5
1.50	60	90			945.2	1146.0	1346.6	1547.1	1747.4	1847.5
1.53	34	52	567.1	818.0	1268.7	1468.9	1669.0	1869.1	2069.2	2169.2
1.54	52	80		583.2	1036.2	1236.8	1437.2	1637.6	1837.8	1938.0
1.55	44	68	433.2	685.7	1137.4	1337.8	1538.1	1738.3	1938.5	2038.6
1.56	36	56	536.2	787.4	1238.4	1438.6	1638.8	1838.9	2039.0	2139.1
1.58	38	60	505.1	756.8	1208.0	1408.3	1608.5	1808.6	2008.8	2108.8
1.60	40	64	473.8	726.0	1177.5	1377.9	1578.2	1778.4	1978.5	2078.6
1.61	56	90		508.4	963.9	1165.0	1365.7	1566.3	1766.7	1866.9
1.64	44	72	410.3	664.0	1116.4	1317.0	1517.4	1717.7	1917.9	2018.0
1.65	34	56	545.5	796.9	1248.0	1448.3	1648.5	1848.7	2048.8	2148.9
1.67	36	60	514.3	766.2	1217.6	1417.9	1618.2	1818.4	2018.6	2118.6
1.67	48	80		601.4	1055.1	1255.9	1456.4	1656.9	1857.2	1957.3
1.68	38	64	482.9	735.3	1187.1	1387.5	1587.8	1788.1	1988.3	2088.4
1.70	40	68	451.2	704.4	1156.6	1357.1	1557.4	1757.7	1958.0	2058.1
1.73	52	90		526.0	982.5	1183.8	1384.7	1585.4	1785.9	1886.1
1.76	34	60	523.4	775.6	1227.2	1427.6	1627.9	1828.1	2028.3	2128.4
1.78	36	64	491.9	744.7	1196.7	1397.2	1597.5	1797.8	1998.0	2098.1
1.79	38	68	460.1	713.6	1166.1	1366.7	1567.1	1767.4	1967.7	2067.8
1.80	40	72	427.8	682.4	1135.4	1336.1	1536.6	1737.0	1937.3	2037.5
1.82	44	80		619.4	1073.9	1274.8	1475.5	1676.1	1876.5	1976.7
1.87	60	112			823.3	1026.6	1228.8	1430.4	1631.6	1732.1
1.88	34	64	500.9	753.9	1206.2	1406.8	1607.2	1807.5	2007.7	2107.8
1.88	48	90		543.5	1001.1	1202.6	1403.6	1604.4	1805.0	1905.3
1.89	36	68	468.9	722.8	1175.6	1376.2	1576.7	1777.1	1977.4	2077.5
1.89	38	72	436.5	691.5	1144.9	1345.6	1546.2	1746.6	1947.0	2047.1
2.00	34	68	477.7	732.0	1185.1	1385.8	1586.3	1786.7	1987.1	2087.2
2.00	36	72	445.2	700.6	1154.3	1355.2	1555.8	1756.3	1956.6	2056.8
2.00	40	80		637.2	1092.6	1293.7	1494.6	1695.2	1895.7	1995.9
2.00	56	112			841.0	1044.8	1247.2	1449.0	1650.4	1750.9
2.05	44	90		560.8	1019.5	1221.2	1422.5	1623.4	1824.1	1924.4
2.11	38	80		646.1	1101.9	1303.1	1504.1	1704.8	1905.3	2005.5
2.12	34	72	453.8	709.7	1163.7	1364.6	1565.3	1765.9	1966.3	2066.5
2.15	52	112			858.7	1062.8	1265.6	1467.6	1669.1	1769.7
2.22	36	80	394.9	655.0	1111.2	1312.5	1513.5	1714.3	1914.9	2015.1
2.25	40	90		577.9	1037.8	1239.8	1441.2	1642.3	1843.1	1943.5
2.33	48	112			876.2	1080.7	1283.8	1486.0	1687.7	1788.4
2.35	34	80	403.1	663.8	1120.4	1321.9	1523.0	1723.8	1924.4	2024.7
2.37	38	90		586.5	1046.9	1249.0	1450.5	1651.7	1852.6	1953.0
2.40	60	144				836.9	1045.6	1251.3	1455.4	1557.0
2.50	36	90		595.0	1056.0	1258.2	1459.9	1661.1	1862.1	1962.5
2.55	44	112			893.7	1098.6	1302.0	1504.4	1706.3	1807.0
2.57	56	144				853.6	1062.9	1269.0	1473.3	1575.0
2.65	34	90		603.5	1065.0	1267.4	1469.2	1670.5	1871.5	1971.9
2.77	52	144			653.2	870.2	1080.1	1286.5	1491.2	1593.0
2.80	60	168					893.0	1106.1	1314.8	1418.1

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20 mm

# CENTRE DISTANCE TABLES 20M

Theoretical centre distance in mm							Number of grooves		Speed ratio
Belt length code designation in mm							DriveN	DriveR	
5400	5600	5800	6000	6200	6400	6600			
2259.4	2359.5	2459.5	2559.5	2659.5	2759.5	2859.5	52	36	1.44
2159.1	2259.1	2359.1	2459.2	2559.2	2659.2	2759.3	64	44	1.45
2229.3	2329.3	2429.3	2526.4	2629.4	2729.4	2829.4	56	38	1.47
2199.1	2299.1	2399.2	2499.2	2599.2	2699.2	2799.3	60	40	1.50
2098.6	2198.7	2298.7	2398.8	2498.8	2598.9	2698.9	72	48	1.50
1947.7	2047.8	2147.9	2248.0	2348.1	2448.1	2548.2	90	60	1.50
2269.3	2369.3	2469.3	2569.4	2669.4	2769.4	2869.4	52	34	1.53
2038.1	2138.1	2238.2	2338.3	2438.4	2538.4	2638.5	80	52	1.54
2138.6	2238.7	2338.8	2438.8	2538.9	2638.9	2738.9	68	44	1.55
2239.1	2339.1	2439.2	2539.2	2639.2	2739.3	2839.3	56	36	1.41
2208.9	2308.9	2409.0	2509.0	2609.1	2709.1	2809.1	60	38	1.58
2178.7	2278.7	2378.8	2478.8	2578.9	2678.9	2778.9	64	40	1.60
1967.0	2067.2	2167.3	2267.4	2367.5	2467.6	2567.7	90	56	1.61
2118.1	2218.2	2318.3	2418.4	2518.4	2618.5	2718.5	72	44	1.64
2248.9	2349.0	2449.0	2549.0	2649.1	2749.1	2849.1	56	34	1.65
2218.7	2318.7	2418.8	2518.8	2618.9	2718.9	2819.0	60	36	1.67
2057.5	2157.6	2257.7	2357.8	2457.9	2558.0	2658.0	80	48	1.67
2188.4	2288.5	2388.6	2488.6	2588.7	2688.7	2788.8	64	38	1.68
2158.2	2258.2	2358.3	2458.4	2558.4	2658.5	2758.6	68	40	1.70
1986.3	2086.5	2186.7	2286.8	2386.9	2487.1	2587.2	90	52	1.73
2228.5	2328.5	2428.6	2528.6	2628.7	2728.7	2828.8	60	34	1.76
2198.2	2298.3	2398.3	2498.4	2598.5	2698.5	2798.6	64	36	1.78
2167.9	2268.0	2368.1	2468.2	2568.2	2668.3	2768.4	68	38	1.79
2137.6	2237.7	2337.8	2437.9	2538.0	2638.0	2738.1	72	40	1.80
2076.8	2177.0	2277.1	2377.2	2477.3	2577.5	2677.5	80	44	1.82
1832.5	1932.9	2033.3	2133.6	2233.9	2334.1	2434.4	112	60	1.87
2207.9	2308.0	2408.1	2508.2	2608.3	2708.3	2808.4	64	34	1.88
2005.5	2105.8	2205.9	2306.1	2406.3	2506.4	2606.6	90	48	1.88
2177.6	2277.7	2377.8	2477.9	2578.0	2678.1	2778.1	68	36	1.89
2147.3	2247.4	2347.5	2447.6	2547.7	2647.8	2747.9	72	38	1.89
2187.3	2287.4	2387.5	2487.6	2587.7	2687.8	2787.9	68	34	2.00
2157.0	2257.1	2357.2	2457.3	2557.4	2657.5	2757.6	72	36	2.00
2096.1	2196.3	2296.5	2396.6	2496.8	2596.9	2697.0	80	40	2.00
1851.4	1951.9	2052.3	2152.6	2252.9	2353.2	2453.5	112	56	2.00
2024.7	2125.0	2225.2	2325.4	2425.6	2525.8	2625.9	90	44	2.05
2105.8	2205.9	2306.1	2406.3	2506.4	2606.6	2706.7	80	38	2.11
2166.6	2266.8	2366.9	2467.0	2567.1	2667.3	2767.4	72	34	2.12
1870.2	1970.7	2071.2	2171.6	2272.0	2372.3	2472.6	112	52	2.15
2115.4	2215.6	2315.8	2415.9	2516.1	2616.3	2716.4	80	36	2.22
2043.8	2144.1	2244.4	2344.6	2444.8	2545.0	2645.2	90	40	2.25
1889.0	1989.6	2090.1	2190.5	2290.9	2391.3	2491.7	112	48	2.33
2125.0	2225.2	2325.4	2425.6	2525.8	2625.9	2726.1	80	34	2.35
2053.3	2153.6	2253.9	2354.2	2454.4	2554.6	2654.8	90	38	2.37
1658.4	1759.6	1860.8	1961.8	2062.6	2163.5	2264.2	144	60	2.40
2062.8	2163.2	2263.5	2363.7	2464.0	2564.2	2664.5	90	36	2.50
1907.7	2008.3	2108.9	2209.4	2309.9	2410.3	2510.7	112	44	2.55
1676.5	1777.9	1879.1	1980.2	2081.1	2182.0	2282.8	144	56	2.57
2072.3	2172.7	2273.0	2373.3	2473.6	2573.8	2674.1	90	34	2.65
1694.6	1796.1	1897.4	1998.5	2099.5	2200.5	2301.3	144	52	2.77
1521.0	1623.5	1725.6	1827.6	1929.3	2030.8	2132.2	168	60	2.80

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20 mm

# CENTRE DISTANCE TABLES 20M

Speed ratio	Number of grooves		Theoretical centre distance in mm							
			Belt length code designation in mm							
	DriveR	DriveN	2000	2500	3400	3800	4200	4600	5000	5200
2.80	40	112			911.0	1116.4	1320.1	1522.7	1724.8	1825.6
2.95	38	112			919.7	1125.3	1329.1	1531.9	1734.0	1834.9
3.00	48	144			668.9	886.8	1097.2	1304.0	1509.0	1610.9
3.00	56	168					909.2	1122.9	1332.0	1435.5
3.00	64	192						929.1	1146.8	1253.2
3.11	36	112			928.3	1134.1	1338.1	1541.0	1743.2	1844.1
3.20	60	192						944.9	1163.3	1269.8
3.23	52	168					925.3	1139.6	1349.1	1452.8
3.27	44	144			684.6	903.3	1114.2	1321.5	1526.7	1628.8
3.29	34	112			936.9	1142.9	1347.1	1550.1	1752.4	1853.3
3.38	64	216							977.6	1090.8
3.43	56	192						960.7	1179.6	1286.5
3.50	48	168				715.4	941.4	1156.3	1366.2	1470.1
3.60	40	144			700.2	919.8	1131.2	1338.9	1544.4	1646.6
3.60	60	216							993.0	1106.6
3.69	52	192						976.4	1196.0	1303.0
3.79	38	144			708.0	928.0	1139.7	1347.5	1553.2	1655.5
3.82	44	168					730.5	957.4	1172.9	1383.3
3.86	56	216							1008.4	1122.3
4.00	36	144			715.7	936.1	1148.1	1356.2	1562.0	1664.4
4.00	48	192						992.1	1212.3	1319.6
4.15	52	216							1023.8	1138.0
4.20	40	168					745.6	973.4	1189.5	1400.3
4.24	34	144			723.5	944.3	1156.6	1364.8	1570.8	1673.2
4.36	44	192						771.0	1007.7	1228.5
4.42	38	168					753.2	981.4	1197.8	1408.8
4.50	48	216							1039.1	1153.7
4.67	36	168					760.7	989.4	1206.0	1417.2
4.80	40	192						785.7	1023.3	1244.7
4.91	44	216							1054.4	1169.3
4.94	34	168					768.2	997.3	1214.3	1425.7
5.05	38	192						793.0	1031.1	1252.8
5.33	36	192						800.3	1038.9	1260.9
5.40	40	216							1069.6	1184.9
5.65	34	192						807.6	1046.7	1269.0
5.68	38	216							827.0	1077.2
6.00	36	216							834.1	1084.8
6.35	34	216							841.3	1092.4

3

20 mm

# CENTRE DISTANCE TABLES 20M

Theoretical centre distance in mm							Number of grooves		Speed ratio
Belt length code designation in mm							DriveN	DriveR	
5400	5600	5800	6000	6200	6400	6600			
1926.4	2027.0	2127.6	2228.2	2328.7	2429.2	2529.6	112	40	2.80
1935.7	2036.4	2137.0	2237.6	2338.1	2438.6	2539.1	112	38	2.95
1712.7	1814.2	1915.6	2016.8	2117.9	2218.9	2319.8	144	48	3.00
1538.5	1641.1	1743.4	1845.5	1947.3	2048.9	2150.4	168	56	3.00
1358.4	1462.9	1566.7	1670.0	1773.0	1875.6	1977.9	192	64	3.00
1944.9	2045.7	2146.4	2247.0	2347.5	2448.0	2548.5	112	36	3.11
1375.3	1479.9	1583.9	1687.4	1790.5	1893.2	1995.6	192	60	3.20
1556.0	1658.7	1761.1	1863.3	1965.2	2066.9	2168.5	168	52	3.23
1730.6	1832.3	1933.7	2035.1	2136.2	2237.3	2338.3	144	44	3.27
1954.2	2055.0	2155.7	2256.3	2356.9	2457.4	2557.9	112	34	3.29
1201.2	1309.6	1416.5	1522.5	1627.5	1732.0	1835.9	216	64	3.38
1392.1	1497.0	1601.1	1704.7	1807.9	1910.7	2013.3	192	56	3.43
1573.4	1676.3	1778.8	1881.1	1983.1	2084.9	2186.6	168	48	3.50
1748.6	1850.3	1951.9	2053.3	2154.5	2255.7	2356.7	144	40	3.60
1217.2	1325.9	1433.1	1539.2	1644.4	1749.0	1853.1	216	60	3.60
1408.9	1513.9	1618.2	1722.0	1825.3	1928.3	2030.9	192	52	3.69
1757.5	1859.3	1960.9	2062.3	2163.6	2264.8	2365.9	144	38	3.79
1590.8	1693.8	1796.5	1898.8	2000.9	2102.8	2204.6	168	44	3.82
1233.3	1342.2	1449.6	1555.9	1661.3	1766.0	1870.2	216	56	3.86
1766.4	1868.3	1969.9	2071.4	2172.7	2274.0	2375.1	144	36	4.00
1425.7	1530.9	1635.3	1739.2	1842.7	1945.8	2048.5	192	48	4.00
1249.3	1358.4	1466.0	1572.5	1678.1	1783.0	1887.3	216	52	4.15
1608.1	1711.3	1814.0	1916.5	2018.7	2120.7	2222.5	168	40	4.20
1775.4	1877.3	1978.9	2080.5	2181.8	2283.1	2384.2	144	34	4.24
1442.4	1547.7	1652.4	1756.4	1860.0	1963.2	2066.1	192	44	4.36
1616.7	1720.0	1822.8	1925.4	2027.6	2129.7	2231.5	168	38	4.42
1265.2	1374.6	1482.5	1589.1	1694.9	1800.0	1904.4	216	48	4.50
1625.4	1728.7	1831.6	1934.2	2036.5	2138.6	2240.5	168	36	4.67
1459.0	1564.6	1669.4	1773.6	1877.3	1980.6	2083.6	192	40	4.80
1281.1	1390.8	1498.8	1605.7	1711.7	1816.9	1921.5	216	44	4.91
1634.0	1737.4	1840.3	1943.0	2045.4	2147.5	2249.4	168	34	4.94
1467.3	1573.0	1677.9	1782.1	1885.9	1989.3	2092.3	192	38	5.05
1475.6	1581.4	1686.3	1790.7	1894.5	1998.0	2101.0	192	36	5.33
1297.0	1406.9	1515.2	1622.3	1728.4	1833.7	1938.5	216	40	5.40
1483.9	1589.8	1694.8	1799.2	1903.2	2006.6	2109.8	192	34	5.65
1304.9	1415.0	1523.4	1630.5	1736.7	1842.2	1947.0	216	38	5.68
1312.9	1423.0	1531.5	1638.8	1745.1	1850.6	1955.4	216	36	6.00
1320.8	1431.1	1539.7	1647.0	1753.4	1859.0	1963.9	216	34	6.35

3  
20 mm

# 3



# CENTRE DISTANCE TABLES MXL

Speed ratio	Number of grooves		Theoretical centre distance in mm						
	DriveR	DriveN	Belt code						
			360MXL	440MXL	480MXL	640MXL	880MXL	1120MXL	1400MXL
			Number of teeth						
		45	55	60	80	110	140	175	
1.00	10	10	35.6	45.7	50.8	71.1	101.6	132.1	167.6
1.00	11	11	34.5	44.7	49.8	70.1	100.6	131.1	166.6
1.00	12	12	33.5	43.7	48.8	69.1	99.6	130.0	165.6
1.00	14	14	31.5	41.7	46.7	67.1	97.5	128.0	163.6
1.00	15	15	30.5	40.6	45.7	66.0	96.5	127.0	162.6
1.00	16	16	29.5	39.6	44.7	65.0	95.5	126.0	161.5
1.00	18	18	27.4	37.6	42.7	63.0	93.5	124.0	159.5
1.00	20	20	25.4	35.6	40.6	61.0	91.4	121.9	157.5
1.00	21	21	24.4	34.5	39.6	59.9	90.4	120.9	156.5
1.00	22	22	23.4	33.5	38.6	58.9	89.4	119.9	155.4
1.00	24	24		31.5	36.6	56.9	87.4	117.9	153.4
1.00	28	28		27.4	32.5	52.8	83.3	113.8	149.4
1.00	30	30			30.5	50.8	81.3	111.8	147.3
1.00	32	32			28.4	48.8	79.2	109.7	145.3
1.00	36	36				44.7	75.2	105.7	141.2
1.00	40	40				40.6	71.1	101.6	137.2
1.00	42	42				38.6	69.1	99.6	135.1
1.00	44	44				36.6	67.1	97.5	133.1
1.00	48	48					63.0	93.5	129.0
1.00	60	60					50.8	81.3	116.8
1.00	72	72						69.1	104.6
1.05	20	21	24.9	35.1	40.1	60.5	90.9	121.4	157.0
1.05	21	22	23.9	34.0	39.1	59.4	89.9	120.4	156.0
1.07	14	15	31.0	41.1	46.2	66.5	97.0	127.5	163.1
1.07	15	16	30.0	40.1	45.2	65.5	96.0	126.5	162.1
1.07	28	30		26.4	31.5	51.8	82.3	112.8	148.3
1.07	30	32			29.5	49.8	80.3	110.7	146.3
1.09	11	12	34.0	44.2	49.3	69.6	100.1	130.6	166.1
1.09	22	24	22.3	32.5	37.6	57.9	88.4	118.9	154.4
1.10	10	11	35.1	45.2	50.3	70.6	101.1	131.6	167.1
1.10	20	22	24.4	34.5	39.6	59.9	90.4	120.9	156.5
1.11	18	20	26.4	36.6	41.7	62.0	92.5	122.9	158.5
1.13	16	18	28.4	38.6	43.7	64.0	94.5	125.0	160.5
1.14	14	16	30.5	40.6	45.7	66.0	96.5	127.0	162.6
1.14	21	24	22.8	33.0	38.1	58.4	88.9	119.4	154.9
1.14	28	32			30.5	50.8	81.3	111.8	147.3
1.17	12	14	32.5	42.7	47.7	68.1	98.5	129.0	164.6
1.17	18	21	25.9	36.1	41.1	61.5	91.9	122.4	158.0
1.17	24	28		29.4	34.5	54.8	85.3	115.8	151.4
1.20	10	12	34.5	44.7	49.8	70.1	100.6	131.1	166.6
1.20	15	18	28.9	39.1	44.2	64.5	95.0	125.5	161.0
1.20	20	24	23.3	33.5	38.6	58.9	89.4	119.9	155.4
1.20	30	36			27.4	47.7	78.2	108.7	144.3
1.22	18	22	25.4	35.5	40.6	60.9	91.4	121.9	157.5
1.25	12	15	32.0	42.2	47.2	67.6	98.0	128.5	164.1
1.25	16	20	27.4	37.6	42.7	63.0	93.5	123.9	159.5
1.25	24	30		28.4	33.5	53.8	84.3	114.8	150.4
1.27	11	14	33.0	43.2	48.3	68.6	99.1	129.5	165.1

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MXL

# CENTRE DISTANCE TABLES MXL

Speed ratio	Number of grooves		Theoretical centre distance in mm						
	DriveR	DriveN	Belt code						
			360MXL	440MXL	480MXL	640MXL	880MXL	1120MXL	1400MXL
			Number of teeth						
			45	55	60	80	110	140	175
1.27	22	28		30.4	35.5	55.8	86.3	116.8	152.4
1.29	14	18	29.4	39.6	44.7	65.0	95.5	126.0	161.5
1.29	28	36			28.3	48.7	79.2	109.7	145.3
1.31	16	21	26.9	37.0	42.1	62.5	92.9	123.4	159.0
1.33	12	16	31.5	41.6	46.7	67.0	97.5	128.0	163.6
1.33	15	20	27.9	38.1	43.1	63.5	94.0	124.4	160.0
1.33	18	24	24.3	34.5	39.6	59.9	90.4	120.9	156.5
1.33	21	28		30.9	36.0	56.3	86.8	117.3	152.9
1.33	24	32		27.3	32.4	52.8	83.3	113.8	149.3
1.33	30	40				45.6	76.1	106.6	142.2
1.36	11	15	32.5	42.7	47.7	68.1	98.5	129.0	164.6
1.36	22	30		29.3	34.4	54.8	85.3	115.8	151.4
1.38	16	22	26.3	36.5	41.6	61.9	92.4	122.9	158.5
1.40	10	14	33.5	43.7	48.8	69.1	99.6	130.0	165.6
1.40	15	21	27.4	37.5	42.6	63.0	93.5	123.9	159.5
1.40	20	28		31.4	36.5	56.8	87.3	117.8	153.4
1.40	30	42				44.5	75.1	105.6	141.2
1.43	14	20	28.4	38.6	43.6	64.0	94.5	125.0	160.5
1.43	21	30		29.8	34.9	55.3	85.8	116.3	151.9
1.43	28	40				46.6	77.1	107.6	143.2
1.45	11	16	32.0	42.1	47.2	67.5	98.0	128.5	164.1
1.45	22	32		28.3	33.4	53.8	84.3	114.8	150.3
1.47	15	22	26.8	37.0	42.1	62.4	92.9	123.4	159.0
1.47	30	44				43.5	74.0	104.5	140.1
1.50	10	15	33.0	43.1	48.2	68.6	99.0	129.5	165.1
1.50	12	18	30.4	40.6	45.7	66.0	96.5	127.0	162.5
1.50	14	21	27.8	38.0	43.1	63.5	94.0	124.4	160.0
1.50	16	24	25.3	35.5	40.6	60.9	91.4	121.9	157.5
1.50	20	30		30.3	35.4	55.8	86.3	116.8	152.4
1.50	24	36			30.2	50.7	81.2	111.7	147.3
1.50	28	42				45.5	76.1	106.6	142.2
1.52	21	32		28.7	33.8	54.2	84.8	115.3	150.8
1.56	18	28	22.1	32.4	37.5	57.8	88.3	118.8	154.4
1.57	14	22	27.3	37.5	42.6	62.9	93.4	123.9	159.5
1.57	28	44				44.4	75.0	105.5	141.1
1.60	10	16	32.5	42.6	47.7	68.0	98.5	129.0	164.6
1.60	15	24	25.7	36.0	41.0	61.4	91.9	122.4	158.0
1.60	20	32		29.2	34.3	54.7	85.3	115.8	151.3
1.60	30	48				41.2	71.9	102.5	138.1
1.64	11	18	30.9	41.1	46.2	66.5	97.0	127.5	163.1
1.64	22	36		26.0	31.2	51.6	82.2	112.7	148.3
1.67	12	20	29.3	39.5	44.6	65.0	95.5	126.0	161.5
1.67	18	30		31.3	36.4	56.8	87.3	117.8	153.4
1.67	24	40			28.0	48.5	79.1	109.6	145.2
1.71	14	24	26.2	36.4	41.5	61.9	92.4	122.9	158.5
1.71	21	36		26.5	31.6	52.1	82.7	113.2	148.8
1.71	28	48				42.2	72.9	103.4	139.0
1.75	12	21	28.8	39.0	44.1	64.5	95.0	125.4	161.0

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MXL

# CENTRE DISTANCE TABLES MXL

Speed ratio	Number of grooves		Theoretical centre distance in mm						
	DriveR	DriveN	Belt code						
			360MXL	440MXL	480MXL	640MXL	880MXL	1120MXL	1400MXL
			Number of teeth						
		45	55	60	80	110	140	175	
1.75	16	28	23.0	33.3	38.4	58.8	89.3	119.8	155.4
1.75	24	42				47.4	78.0	108.6	144.2
1.78	18	32		30.1	35.3	55.7	86.2	116.8	152.3
1.80	10	18	31.4	41.6	46.7	67.0	97.5	128.0	163.6
1.80	20	36		26.9	32.1	52.6	83.2	113.7	149.3
1.82	11	20	29.8	40.0	45.1	65.5	96.0	126.5	162.0
1.82	22	40			28.9	49.4	80.1	110.6	146.2
1.83	12	22	28.3	38.5	43.6	63.9	94.4	124.9	160.5
1.83	24	44				46.3	76.9	107.5	143.1
1.87	15	28	23.5	33.8	38.9	59.3	89.8	120.3	155.9
1.88	16	30	21.9	32.2	37.3	57.7	88.3	118.8	154.4
1.90	21	40			29.3	49.9	80.5	111.1	146.7
1.91	11	21	29.3	39.5	44.6	64.9	95.4	125.9	161.5
1.91	22	42			27.7	48.3	79.0	109.5	145.1
2.00	10	20	30.3	40.5	45.6	66.0	96.5	127.0	162.5
2.00	11	22	28.7	39.0	44.1	64.4	94.9	125.4	161.0
2.00	12	24	27.2	37.4	42.5	62.9	93.4	123.9	159.5
2.00	14	28	24.0	34.2	39.4	59.8	90.3	120.8	156.4
2.00	15	30	22.3	32.7	37.8	58.2	88.8	119.3	154.9
2.00	16	32		31.1	36.2	56.7	87.2	117.7	153.3
2.00	18	36		27.8	33.0	53.5	84.1	114.7	150.3
2.00	20	40			29.8	50.4	81.0	111.6	147.2
2.00	21	42			28.1	48.8	79.5	110.0	145.6
2.00	22	44				47.2	77.9	108.5	144.1
2.00	24	48				44.0	74.8	105.4	141.0
2.00	30	60					65.3	96.0	131.7
2.10	10	21	29.8	40.0	45.1	65.4	95.9	126.4	162.0
2.10	20	42			28.6	49.3	79.9	110.5	146.1
2.10	21	44				47.7	78.4	109.0	144.6
2.13	15	32		31.5	36.7	57.1	87.7	118.2	153.8
2.14	14	30	22.8	33.1	38.3	58.7	89.3	119.8	155.4
2.14	28	60				35.0	66.2	97.0	132.7
2.18	11	24	27.6	37.9	43.0	63.4	93.9	124.4	160.0
2.18	22	48				44.9	75.7	106.3	142.0
2.20	10	22	29.2	39.4	44.5	64.9	95.4	125.9	161.5
2.20	20	44			27.3	48.1	78.9	109.5	145.1
2.22	18	40		25.4	30.7	51.3	82.0	112.6	148.2
2.25	16	36		28.7	33.9	54.5	85.1	115.6	151.2
2.29	14	32	21.6	32.0	37.1	57.6	88.2	118.7	154.3
2.29	21	48				45.4	76.2	106.8	142.5
2.33	12	28	24.9	35.2	40.3	60.7	91.3	121.8	157.4
2.33	18	42			29.5	50.2	80.9	111.5	147.1
2.40	10	24	28.1	38.3	43.5	63.8	94.4	124.9	160.5
2.40	15	36		29.2	34.4	55.0	85.6	116.1	151.7
2.40	20	48				45.8	76.7	107.3	143.0
2.40	30	72					58.4	89.4	125.2
2.44	18	44			28.2	49.1	79.8	110.4	146.1
2.50	12	30	23.7	34.0	39.2	59.7	90.2	120.8	156.4

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MXL

# CENTRE DISTANCE TABLES MXL

Speed ratio	Number of grooves		Theoretical centre distance in mm						
	DriveR	DriveN	Belt code						
			360MXL	440MXL	480MXL	640MXL	880MXL	1120MXL	1400MXL
			Number of teeth						
			45	55	60	80	110	140	175
2.50	16	40		26.3	31.6	52.3	82.9	113.5	149.1
2.50	24	60				36.7	68.1	98.9	134.6
2.55	11	28	25.3	35.6	40.8	61.2	91.8	122.3	157.9
2.57	14	36		29.6	34.8	55.4	86.1	116.6	152.2
2.57	28	72					59.2	90.3	126.2
2.63	16	42		25.0	30.3	51.1	81.9	112.5	148.1
2.67	12	32	22.4	32.9	38.1	58.6	89.2	119.7	155.3
2.67	15	40		26.7	32.0	52.7	83.4	114.0	149.6
2.67	18	48				46.7	77.6	108.3	143.9
2.73	11	30	24.1	34.5	39.7	60.1	90.7	121.3	156.9
2.73	22	60				37.6	69.0	99.8	135.6
2.75	16	44			29.1	50.0	80.8	111.4	147.0
2.80	10	28	25.8	36.1	41.2	61.7	92.3	122.8	158.4
2.80	15	42		25.4	30.8	51.6	82.3	112.9	148.6
2.86	14	40		27.1	32.4	53.2	83.9	114.5	150.1
2.86	21	60				38.0	69.5	100.3	136.1
2.91	11	32	22.9	33.3	38.5	59.0	89.7	120.2	155.8
2.93	15	44			29.5	50.4	81.2	111.9	147.5
3.00	10	30	24.5	35.0	40.1	60.6	91.2	121.7	157.3
3.00	12	36		30.5	35.7	56.4	87.0	117.6	153.2
3.00	14	42		25.8	31.2	52.0	82.8	113.4	149.1
3.00	16	48				47.6	78.6	109.2	144.9
3.00	20	60				38.4	69.9	100.8	136.5
3.00	24	72					61.0	92.2	128.1
3.14	14	44			29.9	50.9	81.7	112.4	148.0
3.20	10	32	23.3	33.8	39.0	59.5	90.1	120.7	156.3
3.20	15	48			26.8	48.1	79.0	109.7	145.4
3.27	11	36		30.9	36.2	56.8	87.5	118.1	153.7
3.27	22	72					61.9	93.1	129.0
3.33	12	40		28.0	33.3	54.1	84.9	115.5	151.1
3.33	18	60				39.3	70.8	101.7	137.5
3.43	14	48			27.2	48.5	79.5	110.2	145.9
3.43	21	72					62.3	93.5	129.5
3.50	12	42		26.7	32.0	53.0	83.8	114.4	150.1
3.60	10	36		31.4	36.6	57.3	88.0	118.6	154.2
3.60	20	72					62.8	94.0	130.0
3.64	11	40		28.4	33.7	54.6	85.3	116.0	151.6
3.67	12	44		25.3	30.8	51.8	82.7	113.3	149.0
3.75	16	60				40.1	71.7	102.6	138.5
3.82	11	42		27.1	32.5	53.4	84.2	114.9	150.5
4.00	10	40		28.8	34.2	55.0	85.8	116.4	152.1
4.00	11	44		25.7	31.2	52.2	83.1	113.8	149.5
4.00	12	48			28.0	49.4	80.4	111.1	146.9
4.00	15	60				40.5	72.2	103.1	138.9
4.00	18	72					63.6	94.9	130.9
4.20	10	42			32.9	53.9	84.7	115.4	151.0
4.29	14	60				41.0	72.6	103.6	139.4
4.36	11	48			28.4	49.9	80.9	111.6	147.3

# CENTRE DISTANCE TABLES MXL

Speed ratio	Number of grooves		Theoretical centre distance in mm						
	DriveR	DriveN	Belt code						
			360MXL	440MXL	480MXL	640MXL	880MXL	1120MXL	1400MXL
			Number of teeth						
		45	55	60	80	110	140	175	
4.40	10	44			31.6	52.7	83.6	114.3	150.0
4.50	16	72					64.5	95.8	131.9
4.80	10	48			28.8	50.3	81.4	112.1	147.8
4.80	15	72					64.9	96.3	132.3
5.00	12	60				41.8	73.5	104.5	140.4
5.14	14	72					65.4	96.7	132.8
5.45	11	60				42.2	74.0	105.0	140.8
6.00	10	60				42.6	74.4	105.4	141.3
6.00	12	72					66.2	97.6	133.7
6.55	11	72				33.0	66.7	98.1	134.2
7.20	10	72				33.4	67.1	98.5	134.6

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MXL

# CENTRE DISTANCE TABLES XL

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			60XL	70XL	80XL	90XL	100XL	110XL	120XL	130XL	140XL	150XL
			Number of teeth									
			30	35	40	45	50	55	60	65	70	75
1.00	10	10	50.8	63.5	76.2	88.9	101.6	114.3	127.0	139.7	152.4	165.1
1.00	11	11	48.3	61.0	73.7	86.4	99.1	111.8	124.5	137.2	149.9	162.6
1.00	12	12	45.7	58.4	71.1	83.8	96.5	109.2	121.9	134.6	147.3	160.0
1.00	14	14	40.6	53.3	66.0	78.7	91.4	104.1	116.8	129.5	142.2	154.9
1.00	15	15	38.1	50.8	63.5	76.2	88.9	101.6	114.3	127.0	139.7	152.4
1.00	16	16	35.6	48.3	61.0	73.7	86.4	99.1	111.8	124.5	137.2	149.9
1.00	18	18		43.2	55.9	68.6	81.3	94.0	106.7	119.4	132.1	144.8
1.00	20	20			50.8	63.5	76.2	88.9	101.6	114.3	127.0	139.7
1.00	21	21			48.3	61.0	73.7	86.4	99.1	111.8	124.5	137.2
1.00	22	22			45.7	58.4	71.1	83.8	96.5	109.2	121.9	134.6
1.00	24	24				53.3	66.0	78.7	91.4	104.1	116.8	129.5
1.00	28	28					55.9	68.6	81.3	94.0	106.7	119.4
1.00	30	30						63.5	76.2	88.9	101.6	114.3
1.00	32	32						58.4	71.1	83.8	96.5	109.2
1.00	36	36								73.7	86.4	99.1
1.00	40	40									76.2	88.9
1.00	42	42										83.8
1.00	44	44										78.7
1.00	48	48										
1.00	60	60										
1.00	72	72										
1.05	20	21			49.5	62.2	74.9	87.6	100.3	113.0	125.7	138.4
1.05	21	22			47.0	59.7	72.4	85.1	97.8	110.5	123.2	135.9
1.07	14	15	39.4	52.1	64.8	77.5	90.2	102.9	115.6	128.3	141.0	153.7
1.07	15	16	36.8	49.5	62.2	74.9	87.6	100.3	113.0	125.7	138.4	151.1
1.07	28	30					53.3	66.0	78.7	91.4	104.1	116.8
1.07	30	32						60.9	73.6	86.3	99.0	111.7
1.09	11	12	47.0	59.7	72.4	85.1	97.8	110.5	123.2	135.9	148.6	161.3
1.09	22	24				55.9	68.6	81.3	94.0	106.7	119.4	132.1
1.10	10	11	49.5	62.2	74.9	87.6	100.3	113.0	125.7	138.4	151.1	163.8
1.10	20	22			48.2	60.9	73.6	86.3	99.0	111.7	124.4	137.2
1.11	18	20		40.6	53.3	66.0	78.7	91.4	104.1	116.8	129.5	142.2
1.13	16	18		45.7	58.4	71.1	83.8	96.5	109.2	121.9	134.6	147.3
1.14	14	16	38.1	50.8	63.5	76.2	88.9	101.6	114.3	127.0	139.7	152.4
1.14	21	24			44.4	57.1	69.8	82.5	95.2	107.9	120.6	133.3
1.14	28	32						63.4	76.1	88.8	101.5	114.3
1.17	12	14	43.1	55.9	68.6	81.3	94.0	106.7	119.4	132.1	144.8	157.5
1.17	18	21		39.3	52.0	64.7	77.4	90.1	102.8	115.5	128.2	140.9
1.17	24	28				48.2	60.9	73.6	86.3	99.0	111.7	124.4
1.20	10	12	48.2	60.9	73.6	86.3	99.0	111.7	124.4	137.2	149.9	162.6
1.20	15	18	34.2	46.9	59.6	72.3	85.1	97.8	110.5	123.2	135.9	148.6
1.20	20	24			45.6	58.3	71.0	83.8	96.5	109.2	121.9	134.6
1.20	30	36							68.4	81.1	93.9	106.6
1.22	18	22			50.7	63.4	76.1	88.8	101.5	114.3	127.0	139.7
1.25	12	15	41.8	54.6	67.3	80.0	92.7	105.4	118.1	130.8	143.5	156.2
1.25	16	20		43.1	55.8	68.5	81.2	93.9	106.6	119.3	132.0	144.7
1.25	24	30					58.2	71.0	83.7	96.4	109.1	121.8
1.27	11	14	44.4	57.1	69.8	82.5	95.2	107.9	120.6	133.3	146.0	158.7

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XL

# CENTRE DISTANCE TABLES XL

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
160XL	170XL	180XL	190XL	200XL	210XL	220XL	240XL	260XL			
Number of teeth											
80	85	90	95	100	105	110	120	130			
177.8	190.5	203.2	215.9	228.6	241.3	254.0	279.4	304.8	10	10	1.00
175.3	188.0	200.7	213.4	226.1	238.8	251.5	276.9	302.3	11	11	1.00
172.7	185.4	198.1	210.8	223.5	236.2	248.9	274.3	299.7	12	12	1.00
167.6	180.3	193.0	205.7	218.4	231.1	243.8	269.2	294.6	14	14	1.00
165.1	177.8	190.5	203.2	215.9	228.6	241.3	266.7	292.1	15	15	1.00
162.6	175.3	188.0	200.7	213.4	226.1	238.8	264.2	289.6	16	16	1.00
157.5	170.2	182.9	195.6	208.3	221.0	233.7	259.1	284.5	18	18	1.00
152.4	165.1	177.8	190.5	203.2	215.9	228.6	254.0	279.4	20	20	1.00
149.9	162.6	175.3	188.0	200.7	213.4	226.1	251.5	276.9	21	21	1.00
147.3	160.0	172.7	185.4	198.1	210.8	223.5	248.9	274.3	22	22	1.00
142.2	154.9	167.6	180.3	193.0	205.7	218.4	243.8	269.2	24	24	1.00
132.1	144.8	157.5	170.2	182.9	195.6	208.3	233.7	259.1	28	28	1.00
127.0	139.7	152.4	165.1	177.8	190.5	203.2	228.6	254.0	30	30	1.00
121.9	134.6	147.3	160.0	172.7	185.4	198.1	223.5	248.9	32	32	1.00
111.8	124.5	137.2	149.9	162.6	175.3	188.0	213.4	238.8	36	36	1.00
101.6	114.3	127.0	139.7	152.4	165.1	177.8	203.2	228.6	40	40	1.00
96.5	109.2	121.9	134.6	147.3	160.0	172.7	198.1	223.5	42	42	1.00
91.4	104.1	116.8	129.5	142.2	154.9	167.6	193.0	218.4	44	44	1.00
	94.0	106.7	119.4	132.1	144.8	157.5	182.9	208.3	48	48	1.00
					114.3	127.0	152.4	177.8	60	60	1.00
								147.3	72	72	1.00
151.1	163.8	176.5	189.2	201.9	214.6	227.3	252.7	278.1	21	20	1.05
148.6	161.3	174.0	186.7	199.4	212.1	224.8	250.2	275.6	22	21	1.05
166.4	179.1	191.8	204.5	217.2	229.9	242.6	268.0	293.4	15	14	1.07
163.8	176.5	189.2	201.9	214.6	227.3	240.0	265.4	290.8	16	15	1.07
129.5	142.2	154.9	167.6	180.3	193.0	205.7	231.1	256.5	30	28	1.07
124.4	137.2	149.9	162.6	175.3	188.0	200.7	226.1	251.5	32	30	1.07
174.0	186.7	199.4	212.1	224.8	237.5	250.2	275.6	301.0	12	11	1.09
144.8	157.5	170.2	182.9	195.6	208.3	221.0	246.4	271.8	24	22	1.09
176.5	189.2	201.9	214.6	227.3	240.0	252.7	278.1	303.5	11	10	1.10
149.9	162.6	175.3	188.0	200.7	213.4	226.1	251.5	276.9	22	20	1.10
154.9	167.6	180.3	193.0	205.7	218.4	231.1	256.5	281.9	20	18	1.11
160.0	172.7	185.4	198.1	210.8	223.5	236.2	261.6	287.0	18	16	1.13
165.1	177.8	190.5	203.2	215.9	228.6	241.3	266.7	292.1	16	14	1.14
146.0	158.7	171.4	184.1	196.8	209.5	222.2	247.6	273.0	24	21	1.14
127.0	139.7	152.4	165.1	177.8	190.5	203.2	228.6	254.0	32	28	1.14
170.2	182.9	195.6	208.3	221.0	233.7	246.4	271.8	297.2	14	12	1.17
153.7	166.4	179.1	191.8	204.5	217.2	229.9	255.3	280.7	21	18	1.17
137.1	149.8	162.5	175.2	187.9	200.6	213.3	238.7	264.1	28	24	1.17
175.3	188.0	200.7	213.4	226.1	238.8	251.5	276.9	302.3	12	10	1.20
161.3	174.0	186.7	199.4	212.1	224.8	237.5	262.9	288.3	18	15	1.20
147.3	160.0	172.7	185.4	198.1	210.8	223.5	248.9	274.3	24	20	1.20
119.3	132.0	144.7	157.4	170.1	182.8	195.5	220.9	246.3	36	30	1.20
152.4	165.1	177.8	190.5	203.2	215.9	228.6	254.0	279.4	22	18	1.22
168.9	181.6	194.3	207.0	219.7	232.4	245.1	270.5	295.9	15	12	1.25
157.4	170.1	182.9	195.6	208.3	221.0	233.7	259.1	284.5	20	16	1.25
134.5	147.2	159.9	172.7	185.4	198.1	210.8	236.2	261.6	30	24	1.25
171.4	184.1	196.8	209.5	222.2	234.9	247.6	273.0	298.4	14	11	1.27

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XL

# CENTRE DISTANCE TABLES XL

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			60XL	70XL	80XL	90XL	100XL	110XL	120XL	130XL	140XL	150XL
			Number of teeth									
			30	35	40	45	50	55	60	65	70	75
1.27	22	28				50.6	63.3	76.0	88.8	101.5	114.2	126.9
1.29	14	18	35.4	48.2	60.9	73.6	86.3	99.0	111.7	124.4	137.1	149.8
1.29	28	36						58.1	70.8	83.6	96.3	109.0
1.31	16	21		41.7	54.5	67.2	79.9	92.6	105.3	118.0	130.7	143.5
1.33	12	16	40.5	53.2	66.0	78.7	91.4	104.1	116.8	129.5	142.2	154.9
1.33	15	20		44.3	57.0	69.7	82.5	95.2	107.9	120.6	133.3	146.0
1.33	18	24			48.0	60.8	73.5	86.2	98.9	111.7	124.4	137.1
1.33	21	28				51.8	64.5	77.3	90.0	102.7	115.4	128.1
1.33	24	32					55.5	68.3	81.0	93.8	106.5	119.2
1.33	30	40							63.0	75.8	88.5	101.3
1.36	11	15	43.1	55.8	68.5	81.2	93.9	106.6	119.3	132.0	144.7	157.4
1.36	22	30					60.6	73.4	86.1	98.8	111.6	124.3
1.38	16	22		40.3	53.1	65.9	78.6	91.3	104.0	116.7	129.4	142.2
1.40	10	14	45.6	58.3	71.0	83.8	96.5	109.2	121.9	134.6	147.3	160.0
1.40	15	21		42.9	55.7	68.4	81.1	93.9	106.6	119.3	132.0	144.7
1.40	20	28				52.9	65.7	78.5	91.2	103.9	116.7	129.4
1.40	30	42								73.0	85.8	98.6
1.43	14	20		45.5	58.2	71.0	83.7	96.4	109.1	121.8	134.5	147.2
1.43	21	30				49.0	61.8	74.6	87.3	100.1	112.8	125.5
1.43	28	40							65.3	78.1	90.9	103.7
1.45	11	16	41.7	54.5	67.2	79.9	92.6	105.3	118.0	130.7	143.5	156.2
1.45	22	32					57.9	70.7	83.4	96.2	108.9	121.7
1.47	15	22		41.5	54.3	67.1	79.8	92.5	105.3	118.0	130.7	143.4
1.47	30	44								70.2	83.0	95.9
1.50	10	15	44.3	57.0	69.7	82.5	95.2	107.9	120.6	133.3	146.0	158.7
1.50	12	18	37.8	50.6	63.3	76.0	88.8	101.5	114.2	126.9	139.6	152.3
1.50	14	21		44.1	56.9	69.6	82.4	95.1	107.8	120.5	133.2	145.9
1.50	16	24			50.4	63.2	75.9	88.7	101.4	114.1	126.8	139.6
1.50	20	30				50.1	63.0	75.8	88.5	101.3	114.0	126.7
1.50	24	36						62.7	75.6	88.4	101.1	113.9
1.50	28	42							62.5	75.3	88.2	101.0
1.52	21	32					59.0	71.8	84.6	97.4	110.1	122.9
1.56	18	28				55.3	68.1	80.9	93.6	106.4	119.1	131.8
1.57	14	22		42.7	55.5	68.3	81.0	93.8	106.5	119.2	131.9	144.6
1.57	28	44								72.5	85.4	98.2
1.60	10	16	42.9	55.7	68.4	81.1	93.9	106.6	119.3	132.0	144.7	157.4
1.60	15	24		38.7	51.6	64.4	77.1	89.9	102.6	115.3	128.1	140.8
1.60	20	32				47.3	60.2	73.0	85.8	98.6	111.3	124.1
1.60	30	48									77.4	90.3
1.64	11	18	39.0	51.8	64.5	77.3	90.0	102.7	115.4	128.1	140.9	153.6
1.64	22	36						65.1	77.9	90.7	103.5	116.3
1.67	12	20	35.0	47.8	60.6	73.4	86.1	98.8	111.6	124.3	137.0	149.7
1.67	18	30				52.4	65.3	78.1	90.9	103.7	116.4	129.2
1.67	24	40							69.9	82.8	95.6	108.4
1.71	14	24		39.8	52.7	65.5	78.3	91.1	103.8	116.6	129.3	142.0
1.71	21	36					53.2	66.2	79.1	91.9	104.7	117.5
1.71	28	48									79.6	92.6
1.75	12	21	33.5	46.4	59.2	72.0	84.8	97.5	110.2	123.0	135.7	148.4

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XL



# CENTRE DISTANCE TABLES XL

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
160XL	170XL	180XL	190XL	200XL	210XL	220XL	240XL	260XL			
Number of teeth											
80	85	90	95	100	105	110	120	130			
139.6	152.3	165.0	177.7	190.4	203.1	215.8	241.3	266.7	28	22	1.27
162.5	175.2	187.9	200.6	213.3	226.0	238.7	264.1	289.5	18	14	1.29
121.7	134.5	147.2	159.9	172.6	185.3	198.0	223.4	248.8	36	28	1.29
156.2	168.9	181.6	194.3	207.0	219.7	232.4	257.8	283.2	21	16	1.31
167.6	180.3	193.0	205.7	218.4	231.1	243.8	269.2	294.6	16	12	1.33
158.7	171.4	184.1	196.8	209.5	222.2	234.9	260.3	285.7	20	15	1.33
149.8	162.5	175.2	187.9	200.6	213.3	226.0	251.4	276.8	24	18	1.33
140.9	153.6	166.3	179.0	191.7	204.4	217.1	242.5	267.9	28	21	1.33
131.9	144.6	157.3	170.1	182.8	195.5	208.2	233.6	259.0	32	24	1.33
114.0	126.7	139.5	152.2	164.9	177.6	190.3	215.7	241.2	40	30	1.33
170.1	182.9	195.6	208.3	221.0	233.7	246.4	271.8	297.2	15	11	1.36
137.0	149.7	162.4	175.1	187.8	200.6	213.3	238.7	264.1	30	22	1.36
154.9	167.6	180.3	193.0	205.7	218.4	231.1	256.5	281.9	22	16	1.38
172.7	185.4	198.1	210.8	223.5	236.2	248.9	274.3	299.7	14	10	1.40
157.4	170.1	182.8	195.5	208.2	220.9	233.6	259.0	284.4	21	15	1.40
142.1	154.8	167.5	180.2	192.9	205.6	218.3	243.8	269.2	28	20	1.40
111.3	124.1	136.8	149.5	162.3	175.0	187.7	213.1	238.6	42	30	1.40
159.9	172.7	185.4	198.1	210.8	223.5	236.2	261.6	287.0	20	14	1.43
138.2	151.0	163.7	176.4	189.1	201.8	214.5	239.9	265.3	30	21	1.43
116.4	129.2	141.9	154.6	167.4	180.1	192.8	218.2	243.6	40	28	1.43
168.9	181.6	194.3	207.0	219.7	232.4	245.1	270.5	295.9	16	11	1.45
134.4	147.1	159.8	172.5	185.2	198.0	210.7	236.1	261.5	32	22	1.45
156.1	168.8	181.5	194.2	206.9	219.6	232.3	257.7	283.2	22	15	1.47
108.6	121.4	134.1	146.9	159.6	172.3	185.1	210.5	235.9	44	30	1.47
171.4	184.1	196.8	209.5	222.2	234.9	247.6	273.0	298.4	15	10	1.50
165.0	177.7	190.4	203.1	215.8	228.5	241.3	266.7	292.1	18	12	1.50
158.6	171.4	184.1	196.8	209.5	222.2	234.9	260.3	285.7	21	14	1.50
152.3	165.0	177.7	190.4	203.1	215.8	228.5	253.9	279.3	24	16	1.50
139.5	152.2	164.9	177.6	190.3	203.0	215.7	241.2	266.6	30	20	1.50
126.6	139.4	152.1	164.8	177.5	190.3	203.0	228.4	253.8	36	24	1.50
113.7	126.5	139.2	152.0	164.7	177.4	190.2	215.6	241.0	42	28	1.50
135.6	148.3	161.0	173.8	186.5	199.2	211.9	237.3	262.7	32	21	1.52
144.6	157.3	170.0	182.7	195.4	208.1	220.8	246.2	271.7	28	18	1.56
157.3	170.1	182.8	195.5	208.2	220.9	233.6	259.0	284.4	22	14	1.57
111.0	123.8	136.5	149.3	162.0	174.8	187.5	213.0	238.4	44	28	1.57
170.1	182.8	195.5	208.2	220.9	233.6	246.3	271.7	297.1	16	10	1.60
153.5	166.2	178.9	191.6	204.3	217.0	229.8	255.2	280.6	24	15	1.60
136.8	149.5	162.3	175.0	187.7	200.4	213.1	238.6	264.0	32	20	1.60
103.1	115.9	128.7	141.5	154.3	167.0	179.8	205.2	230.7	48	30	1.60
166.3	179.0	191.7	204.4	217.1	229.8	242.5	267.9	293.3	18	11	1.64
129.0	141.8	154.5	167.3	180.0	192.7	205.4	230.9	256.3	36	22	1.64
162.4	175.1	187.8	200.6	213.3	226.0	238.7	264.1	289.5	20	12	1.67
141.9	154.6	167.4	180.1	192.8	205.5	218.2	243.6	269.1	30	18	1.67
121.2	134.0	146.7	159.5	172.2	185.0	197.7	223.1	248.6	40	24	1.67
154.7	167.4	180.2	192.9	205.6	218.3	231.0	256.4	281.8	24	14	1.71
130.2	143.0	155.7	168.5	181.2	193.9	206.7	232.1	257.5	36	21	1.71
105.4	118.3	131.1	143.9	156.6	169.4	182.2	207.7	233.1	48	28	1.71
161.1	173.8	186.5	199.3	212.0	224.7	237.4	262.8	288.2	21	12	1.75

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XL

# CENTRE DISTANCE TABLES XL

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			60XL	70XL	80XL	90XL	100XL	110XL	120XL	130XL	140XL	150XL
			Number of teeth									
			30	35	40	45	50	55	60	65	70	75
1.75	16	28			44.7	57.6	70.5	83.3	96.0	108.8	121.5	134.3
1.75	24	42							67.0	80.0	92.8	105.7
1.78	18	32				49.5	62.5	75.3	88.2	101.0	113.7	126.5
1.80	10	18	40.1	52.9	65.7	78.5	91.2	103.9	116.7	129.4	142.1	154.8
1.80	20	36					54.3	67.3	80.2	93.1	105.9	118.7
1.82	11	20	36.1	49.0	61.8	74.6	87.3	100.1	112.8	125.5	138.2	151.0
1.82	22	40						59.2	72.2	85.1	98.0	110.8
1.83	12	22		45.0	57.9	70.7	83.4	96.2	108.9	121.7	134.4	147.1
1.83	24	44							64.0	77.0	90.0	102.9
1.87	15	28			45.8	58.7	71.6	84.4	97.2	110.0	122.7	135.5
1.88	16	30				54.7	67.6	80.5	93.3	106.1	118.8	131.6
1.90	21	40						60.3	73.3	86.3	99.1	112.0
1.91	11	21	34.6	47.6	60.4	73.2	86.0	98.7	111.5	124.2	136.9	149.6
1.91	22	42							69.2	82.2	95.1	108.0
2.00	10	20	37.2	50.1	63.0	75.8	88.5	101.3	114.0	126.7	139.5	152.2
2.00	11	22	33.1	46.1	59.0	71.8	84.6	97.4	110.1	122.9	135.6	148.3
2.00	12	24		42.1	55.0	67.9	80.7	93.5	106.2	119.0	131.7	144.5
2.00	14	28			46.9	59.9	72.8	85.6	98.4	111.2	123.9	136.7
2.00	15	30			42.7	55.8	68.8	81.6	94.5	107.3	120.0	132.8
2.00	16	32				51.7	64.7	77.7	90.5	103.3	116.1	128.9
2.00	18	36					56.5	69.6	82.5	95.4	108.2	121.0
2.00	20	40						61.4	74.4	87.4	100.3	113.1
2.00	21	42						57.1	70.3	83.4	96.3	109.2
2.00	22	44							66.2	79.3	92.3	105.2
2.00	24	48								71.0	84.1	97.1
2.00	30	60										
2.10	10	21	35.7	48.7	61.6	74.4	87.2	99.9	112.7	125.4	138.1	150.9
2.10	20	42						58.2	71.4	84.5	97.4	110.3
2.10	21	44							67.3	80.4	93.4	106.3
2.13	15	32				52.8	65.9	78.8	91.7	104.5	117.3	130.1
2.14	14	30			43.8	56.9	69.9	82.8	95.6	108.4	121.2	134.0
2.14	28	60										
2.18	11	24		43.2	56.2	69.0	81.9	94.7	107.4	120.2	132.9	145.7
2.18	22	48								73.2	86.3	99.4
2.20	10	22	34.2	47.3	60.2	73.0	85.8	98.6	111.3	124.1	136.8	149.5
2.20	20	44							68.3	81.5	94.5	107.5
2.22	18	40						63.5	76.7	89.7	102.6	115.5
2.25	16	36					58.7	71.8	84.8	97.7	110.6	123.4
2.29	14	32				53.9	67.0	80.0	92.8	105.7	118.5	131.3
2.29	21	48							60.8	74.2	87.4	100.5
2.33	12	28			49.1	62.1	75.1	87.9	100.8	113.6	126.3	139.1
2.33	18	42						60.4	73.6	86.7	99.7	112.6
2.40	10	24		44.3	57.3	70.2	83.0	95.9	108.6	121.4	134.1	146.9
2.40	15	36					59.8	72.9	85.9	98.9	111.7	124.6
2.40	20	48							61.8	75.3	88.5	101.6
2.40	30	72										
2.44	18	44						57.0	70.5	83.7	96.8	109.7
2.50	12	30			45.9	59.2	72.2	85.1	98.0	110.8	123.6	136.4

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XL

# CENTRE DISTANCE TABLES XL

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
160XL	170XL	180XL	190XL	200XL	210XL	220XL	240XL	260XL			
Number of teeth											
80	85	90	95	100	105	110	120	130			
147.0	159.7	172.4	185.2	197.9	210.6	223.3	248.7	274.1	28	16	1.75
118.5	131.3	144.0	156.8	169.6	182.3	195.0	220.5	245.9	42	24	1.75
139.2	152.0	164.7	177.4	190.2	202.9	215.6	241.0	266.5	32	18	1.78
167.5	180.2	192.9	205.6	218.3	231.0	243.8	269.2	294.6	18	10	1.80
131.4	144.2	156.9	169.7	182.4	195.2	207.9	233.3	258.8	36	20	1.80
163.7	176.4	189.1	201.8	214.5	227.2	239.9	265.3	290.7	20	11	1.82
123.6	136.4	149.1	161.9	174.7	187.4	200.1	225.6	251.0	40	22	1.82
159.8	172.5	185.2	198.0	210.7	223.4	236.1	261.5	286.9	22	12	1.83
115.7	128.5	141.3	154.1	166.9	179.6	192.4	217.8	243.3	44	24	1.83
148.2	160.9	173.7	186.4	199.1	211.8	224.5	250.0	275.4	28	15	1.87
144.3	157.1	169.8	182.5	195.3	208.0	220.7	246.1	271.5	30	16	1.88
124.8	137.6	150.3	163.1	175.9	188.6	201.3	226.8	252.3	40	21	1.90
162.4	175.1	187.8	200.5	213.2	225.9	238.6	264.0	289.4	21	11	1.91
120.8	133.6	146.4	159.2	172.0	184.7	197.5	222.9	248.4	42	22	1.91
164.9	177.6	190.3	203.0	215.7	228.5	241.2	266.6	292.0	20	10	2.00
161.0	173.8	186.5	199.2	211.9	224.6	237.3	262.7	288.2	22	11	2.00
157.2	169.9	182.6	195.3	208.1	220.8	233.5	258.9	284.3	24	12	2.00
149.4	162.2	174.9	187.6	200.3	213.1	225.8	251.2	276.6	28	14	2.00
145.5	158.3	171.0	183.7	196.5	209.2	221.9	247.4	272.8	30	15	2.00
141.6	154.4	167.1	179.9	192.6	205.3	218.1	243.5	268.9	32	16	2.00
133.8	146.6	159.4	172.1	184.8	197.6	210.3	235.8	261.2	36	18	2.00
126.0	138.8	151.5	164.3	177.1	189.8	202.6	228.0	253.5	40	20	2.00
122.0	134.8	147.6	160.4	173.2	185.9	198.7	224.1	249.6	42	21	2.00
118.0	130.9	143.7	156.5	169.2	182.0	194.8	220.3	245.7	44	22	2.00
110.0	122.9	135.8	148.6	161.4	174.2	187.0	212.5	238.0	48	24	2.00
85.4	98.6	111.7	124.6	137.6	150.4	163.3	188.9	214.5	60	30	2.00
163.6	176.3	189.0	201.7	214.4	227.2	239.9	265.3	290.7	21	10	2.10
123.2	136.0	148.8	161.6	174.4	187.1	199.9	225.4	250.8	42	20	2.10
119.2	132.0	144.9	157.7	170.4	183.2	196.0	221.5	246.9	44	21	2.10
142.8	155.6	168.3	181.1	193.8	206.6	219.3	244.7	270.2	32	15	2.13
146.7	159.5	172.2	185.0	197.7	210.4	223.1	248.6	274.0	30	14	2.14
87.6	100.8	113.9	126.9	139.8	152.7	165.6	191.3	216.9	60	28	2.14
158.4	171.1	183.8	196.6	209.3	222.0	234.7	260.1	285.6	24	11	2.18
112.3	125.2	138.1	150.9	163.7	176.5	189.3	214.9	240.4	48	22	2.18
162.3	175.0	187.7	200.4	213.1	225.9	238.6	264.0	289.4	22	10	2.20
120.4	133.2	146.0	158.8	171.6	184.4	197.2	222.7	248.2	44	20	2.20
128.3	141.1	153.9	166.7	179.5	192.2	205.0	230.5	255.9	40	18	2.22
136.2	149.0	161.8	174.5	187.3	200.0	212.7	238.2	263.7	36	16	2.25
144.0	156.8	169.6	182.3	195.0	207.8	220.5	245.9	271.4	32	14	2.29
113.5	126.4	139.3	152.1	164.9	177.7	190.5	216.1	241.6	48	21	2.29
151.8	164.6	177.3	190.1	202.8	215.5	228.2	253.7	279.1	28	12	2.33
125.5	138.3	151.2	164.0	176.7	189.5	202.3	227.8	253.3	42	18	2.33
159.6	172.3	185.1	197.8	210.5	223.2	235.9	261.4	286.8	24	10	2.40
137.4	150.2	162.9	175.7	188.5	201.2	214.0	239.4	264.9	36	15	2.40
114.6	127.5	140.4	153.3	166.1	178.9	191.7	217.3	242.8	48	20	2.40
		92.8	106.3	119.6	132.8	145.9	171.9	197.7	72	30	2.40
122.7	135.5	148.4	161.2	174.0	186.8	199.6	225.1	250.6	44	18	2.44
149.1	161.9	174.7	187.4	200.1	212.9	225.6	251.0	276.5	30	12	2.50

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XL

# CENTRE DISTANCE TABLES XL

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			60XL	70XL	80XL	90XL	100XL	110XL	120XL	130XL	140XL	150XL
			Number of teeth									
			30	35	40	45	50	55	60	65	70	75
2.50	16	40					52.2	65.7	78.9	91.9	104.9	117.8
2.50	24	60										78.3
2.55	11	28			50.2	63.3	76.2	89.1	101.9	114.7	127.5	140.3
2.57	14	36				47.4	60.9	74.1	87.1	100.0	112.9	125.7
2.57	28	72										
2.63	16	42						62.5	75.8	88.9	102.0	114.9
2.67	12	32			42.6	56.1	69.2	82.2	95.1	108.0	120.8	133.6
2.67	15	40					53.3	66.8	80.0	93.0	106.0	118.9
2.67	18	48							63.9	77.4	90.7	103.8
2.73	11	30			47.0	60.3	73.3	86.3	99.1	112.0	124.8	137.6
2.73	22	60										80.4
2.75	16	44						59.1	72.6	85.9	99.0	112.0
2.80	10	28		37.8	51.3	64.4	77.4	90.3	103.1	115.9	128.7	141.5
2.80	15	42						63.5	76.9	90.1	103.1	116.1
2.86	14	40					54.3	67.8	81.1	94.2	107.2	120.1
2.86	21	60										81.4
2.91	11	32			43.6	57.1	70.3	83.4	96.3	109.2	122.0	134.8
2.93	15	44						60.1	73.7	87.0	100.1	113.1
3.00	10	30			48.1	61.4	74.4	87.4	100.3	113.1	126.0	138.8
3.00	12	36				49.5	63.0	76.3	89.3	102.3	115.2	128.1
3.00	14	42					50.7	64.6	78.0	91.2	104.2	117.2
3.00	16	48							66.0	79.6	92.9	106.0
3.00	20	60										82.5
3.00	24	72										
3.14	14	44						61.2	74.8	88.1	101.2	114.3
3.20	10	32			44.7	58.2	71.4	84.5	97.4	110.3	123.2	136.0
3.20	15	48							67.0	80.6	94.0	107.2
3.27	11	36				50.5	64.1	77.4	90.4	103.4	116.3	129.2
3.27	22	72										
3.33	12	40					56.3	70.0	83.3	96.4	109.4	122.4
3.33	18	60									70.4	84.5
3.43	14	48							68.0	81.7	95.1	108.3
3.43	21	72										
3.50	12	42					52.7	66.7	80.1	93.4	106.4	119.4
3.60	10	36				51.5	65.2	78.4	91.6	104.6	117.5	130.4
3.60	20	72										
3.64	11	40					57.4	71.0	84.3	97.5	110.5	123.5
3.67	12	44						63.2	76.9	90.2	103.4	116.5
3.75	16	60									72.3	86.6
3.82	11	42					53.7	67.7	81.2	94.4	107.6	120.6
4.00	10	40					58.4	72.1	85.4	98.6	111.7	124.6
4.00	11	44					49.8	64.2	77.9	91.3	104.5	117.6
4.00	12	48						55.7	70.1	83.8	97.2	110.4
4.00	15	60									73.3	87.6
4.00	18	72										
4.20	10	42					54.7	68.7	82.3	95.5	108.7	121.7
4.29	14	60									74.3	88.6
4.36	11	48						56.7	71.1	84.8	98.3	111.5

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XL

# CENTRE DISTANCE TABLES XL

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
160XL	170XL	180XL	190XL	200XL	210XL	220XL	240XL	260XL			
Number of teeth											
80	85	90	95	100	105	110	120	130			
130.6	143.5	156.3	169.1	181.8	194.6	207.4	232.9	258.4	40	16	2.50
91.9	105.2	118.3	131.4	144.4	157.3	170.2	196.0	221.6	60	24	2.50
153.1	165.8	178.5	191.3	204.0	216.7	229.5	254.9	280.3	28	11	2.55
138.6	151.4	164.1	176.9	189.7	202.4	215.2	240.6	266.1	36	14	2.57
		94.8	108.4	121.8	135.0	148.1	174.2	200.0	72	28	2.57
127.8	140.7	153.5	166.3	179.1	191.9	204.7	230.2	255.7	42	16	2.63
146.4	159.2	172.0	184.7	197.5	210.2	222.9	248.4	273.8	32	12	2.67
131.8	144.6	157.5	170.2	183.0	195.8	208.6	234.1	259.6	40	15	2.67
116.9	129.8	142.7	155.6	168.4	181.3	194.1	219.6	245.2	48	18	2.67
150.3	163.1	175.9	188.6	201.3	214.1	226.8	252.3	277.7	30	11	2.73
94.0	107.3	120.5	133.6	146.6	159.6	172.5	198.3	223.9	60	22	2.73
124.9	137.8	150.7	163.5	176.3	189.1	201.9	227.5	253.0	44	16	2.75
154.3	167.0	179.8	192.5	205.2	218.0	230.7	256.1	281.6	28	10	2.80
129.0	141.8	154.7	167.5	180.3	193.1	205.9	231.4	256.9	42	15	2.80
133.0	145.8	158.6	171.4	184.2	197.0	209.8	235.3	260.8	40	14	2.86
95.1	108.4	121.6	134.7	147.8	160.7	173.7	199.4	225.1	60	21	2.86
147.6	160.4	173.2	185.9	198.7	211.4	224.1	249.6	275.1	32	11	2.91
126.1	139.0	151.9	164.7	177.5	190.3	203.1	228.7	254.2	44	15	2.93
151.5	164.3	177.1	189.8	202.6	215.3	228.0	253.5	278.9	30	10	3.00
140.9	153.7	166.5	179.3	192.1	204.8	217.6	243.1	268.5	36	12	3.00
130.1	143.0	155.8	168.7	181.5	194.3	207.0	232.6	258.1	42	14	3.00
119.1	132.1	145.0	157.9	170.8	183.6	196.4	222.0	247.6	48	16	3.00
96.1	109.5	122.7	135.8	148.9	161.9	174.8	200.6	226.3	60	20	3.00
	85.0	99.0	112.6	126.1	139.3	152.5	178.6	204.6	72	24	3.00
127.2	140.1	153.0	165.9	178.7	191.5	204.3	229.9	255.4	44	14	3.14
148.8	161.6	174.4	187.1	199.9	212.6	225.4	250.8	276.3	32	10	3.20
120.2	133.2	146.1	159.0	171.9	184.8	197.6	223.2	248.8	48	15	3.20
142.1	154.9	167.7	180.5	193.3	206.0	218.8	244.3	269.8	36	11	3.27
	86.9	101.0	114.7	128.2	141.5	154.7	180.9	206.9	72	22	3.27
135.3	148.1	161.0	173.8	186.6	199.4	212.2	237.7	263.2	40	12	3.33
98.2	111.6	124.9	138.0	151.1	164.1	177.1	202.9	228.6	60	18	3.33
121.3	134.3	147.3	160.2	173.1	185.9	198.8	224.4	249.9	48	14	3.43
	87.9	102.0	115.8	129.3	142.6	155.8	182.0	208.0	72	21	3.43
132.4	145.3	158.2	171.0	183.8	196.6	209.4	235.0	260.5	42	12	3.50
143.2	156.1	168.9	181.7	194.4	207.2	220.0	245.5	271.0	36	10	3.60
	88.9	103.1	116.8	130.3	143.7	156.9	183.1	209.1	72	20	3.60
136.4	149.3	162.1	175.0	187.8	200.6	213.3	238.9	264.4	40	11	3.64
129.5	142.4	155.3	168.2	181.0	193.9	206.7	232.2	257.8	44	12	3.67
100.3	113.8	127.1	140.2	153.3	166.4	179.3	205.2	230.9	60	16	3.75
133.5	146.4	159.3	172.2	185.0	197.8	210.6	236.2	261.7	42	11	3.82
137.6	150.4	163.3	176.1	188.9	201.7	214.5	240.1	265.6	40	10	4.00
130.6	143.6	156.5	169.3	182.2	195.0	207.8	233.4	259.0	44	11	4.00
123.6	136.6	149.6	162.5	175.4	188.2	201.1	226.7	252.3	48	12	4.00
101.3	114.8	128.1	141.3	154.4	167.5	180.5	206.3	232.1	60	15	4.00
	90.9	105.1	118.9	132.4	145.8	159.1	185.3	211.4	72	18	4.00
134.7	147.6	160.5	173.3	186.2	199.0	211.8	237.3	262.9	42	10	4.20
102.4	115.9	129.2	142.4	155.6	168.6	181.6	207.5	233.2	60	14	4.29
124.7	137.7	150.7	163.6	176.5	189.4	202.3	227.9	253.5	48	11	4.36

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XL

# CENTRE DISTANCE TABLES XL

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			60XL	70XL	80XL	90XL	100XL	110XL	120XL	130XL	140XL	150XL
			Number of teeth									
			30	35	40	45	50	55	60	65	70	75
4.40	10	44					50.8	65.2	79.0	92.4	105.6	118.7
4.50	16	72										
4.80	10	48						57.6	72.1	85.9	99.4	112.6
4.80	15	72										
5.00	12	60									76.3	90.6
5.14	14	72										
5.45	11	60									77.2	91.6
6.00	10	60								62.6	78.2	92.6
6.00	12	72										
6.55	11	72										
7.20	10	72										

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XL

# CENTRE DISTANCE TABLES XL

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
160XL	170XL	180XL	190XL	200XL	210XL	220XL	240XL	260XL			
Number of teeth											
80	85	90	95	100	105	110	120	130			
131.7	144.7	157.6	170.5	183.4	196.2	209.0	234.6	260.2	44	10	4.40
77.9	92.9	107.1	121.0	134.5	148.0	161.2	187.5	213.6	72	16	4.50
125.8	138.8	151.8	164.8	177.7	190.6	203.4	229.1	254.7	48	10	4.80
78.8	93.8	108.1	122.0	135.6	149.0	162.3	188.7	214.7	72	15	4.80
104.5	118.0	131.4	144.6	157.8	170.8	183.8	209.8	235.6	60	12	5.00
79.7	94.8	109.1	123.0	136.7	150.1	163.4	189.8	215.9	72	14	5.14
105.5	119.1	132.5	145.7	158.9	171.9	185.0	210.9	236.7	60	11	5.45
106.5	120.1	133.5	146.8	160.0	173.1	186.1	212.0	237.9	60	10	6.00
81.6	96.8	111.2	125.1	138.8	152.2	165.6	192.0	218.1	72	12	6.00
82.6	97.8	112.2	126.1	139.8	153.3	166.6	193.1	219.2	72	11	6.55
83.5	98.7	113.2	127.1	140.8	154.3	167.7	194.2	220.3	72	10	7.20

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XL

# CENTRE DISTANCE TABLES L

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			124L	150L	187L	210L	225L	240L	255L	270L	285L	300L
			Number of teeth									
			33	40	50	56	60	64	68	72	76	80
1.00	10	10	109.5	142.9	190.5	219.1	238.1	257.2	276.2	295.3	314.3	333.4
1.00	12	12	100.0	133.4	181.0	209.6	228.6	247.7	266.7	285.8	304.8	323.9
1.00	14	14	90.5	123.8	171.5	200.0	219.1	238.1	257.2	276.2	295.3	314.3
1.00	15	15	85.7	119.1	166.7	195.3	214.3	233.4	252.4	271.5	290.5	309.6
1.00	16	16	81.0	114.3	161.9	190.5	209.6	228.6	247.7	266.7	285.8	304.8
1.00	18	18	71.4	104.8	152.4	181.0	200.0	219.1	238.1	257.2	276.2	295.3
1.00	20	20		95.3	142.9	171.5	190.5	209.6	228.6	247.7	266.7	285.8
1.00	21	21		90.5	138.1	166.7	185.7	204.8	223.8	242.9	261.9	281.0
1.00	22	22		85.7	133.4	161.9	181.0	200.0	219.1	238.1	257.2	276.2
1.00	24	24			123.8	152.4	171.5	190.5	209.6	228.6	247.7	266.7
1.00	28	28			104.8	133.4	152.4	171.5	190.5	209.6	228.6	247.7
1.00	30	30				123.8	142.9	161.9	181.0	200.0	219.1	238.1
1.00	32	32				114.3	133.4	152.4	171.5	190.5	209.6	228.6
1.00	36	36						133.4	152.4	171.5	190.5	209.6
1.00	40	40							133.4	152.4	171.5	190.5
1.00	44	44									152.4	171.5
1.00	48	48										
1.00	60	60										
1.00	72	72										
1.05	20	21		92.9	140.5	169.1	188.1	207.2	226.2	245.3	264.3	283.4
1.05	21	22		88.1	135.7	164.3	183.3	202.4	221.5	240.5	259.6	278.6
1.07	14	15	88.1	121.4	169.1	197.6	216.7	235.7	254.8	273.8	292.9	311.9
1.07	15	16	83.3	116.7	164.3	192.9	211.9	231.0	250.0	269.1	288.1	307.2
1.07	28	30			100.0	128.6	147.6	166.7	185.7	204.8	223.8	242.9
1.07	30	32				119.0	138.1	157.1	176.2	195.2	214.3	233.3
1.09	22	24		80.9	128.6	157.1	176.2	195.2	214.3	233.3	252.4	271.4
1.10	20	22		90.4	138.1	166.7	185.7	204.8	223.8	242.9	261.9	281.0
1.11	18	20		100.0	147.6	176.2	195.2	214.3	233.3	252.4	271.4	290.5
1.13	16	18	76.1	109.5	157.1	185.7	204.8	223.8	242.9	261.9	281.0	300.0
1.14	14	16	85.7	119.0	166.7	195.2	214.3	233.3	252.4	271.4	290.5	309.5
1.14	21	24		83.2	130.9	159.5	178.5	197.6	216.6	235.7	254.8	273.8
1.14	28	32				123.7	142.7	161.8	180.9	199.9	219.0	238.0
1.17	12	14	95.2	128.6	176.2	204.8	223.8	242.9	261.9	281.0	300.0	319.1
1.17	18	21		97.5	145.2	173.8	192.8	211.9	230.9	250.0	269.0	288.1
1.17	24	28			114.1	142.7	161.8	180.9	199.9	219.0	238.0	257.1
1.20	10	12	104.7	138.1	185.7	214.3	233.3	252.4	271.4	290.5	309.5	328.6
1.20	15	18	78.4	111.8	159.5	188.1	207.1	226.2	245.2	264.3	283.3	302.4
1.20	20	24		85.5	133.2	161.8	180.9	199.9	219.0	238.0	257.1	276.2
1.20	30	36					128.3	147.4	166.4	185.5	204.6	223.7
1.22	18	22		95.1	142.7	171.3	190.4	209.5	228.5	247.6	266.6	285.7
1.25	12	15	92.8	126.1	173.8	202.4	221.4	240.5	259.5	278.6	297.6	316.7
1.25	16	20	71.2	104.6	152.3	180.9	199.9	219.0	238.0	257.1	276.2	295.2
1.25	24	30			109.2	137.8	156.9	176.0	195.1	214.1	233.2	252.2
1.27	22	28			118.7	147.4	166.4	185.5	204.6	223.7	242.7	261.8
1.29	14	18	80.7	114.1	161.8	190.4	209.5	228.5	247.6	266.6	285.7	304.7
1.29	28	36				113.7	132.8	151.9	171.0	190.1	209.2	228.3
1.31	16	21	68.6	102.1	149.8	178.4	197.5	216.6	235.6	254.7	273.7	292.8
1.33	12	16	90.3	123.7	171.3	199.9	219.0	238.0	257.1	276.2	295.2	314.3

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L



# CENTRE DISTANCE TABLES L

Theoretical centre distance in mm									Number of grooves		Speed ratio						
322L	345L	367L	390L	Belt code					DriveN	DriveR							
				420L	450L	480L	540L	600L									
Number of teeth									86	92	98	104	112	120	128	144	160
362.0	390.5	419.1	447.7	485.8	523.9	562.0	638.2	714.4									
352.4	381.0	409.6	438.2	476.3	514.4	552.5	628.7	704.9	12	12	1.00						
342.9	371.5	400.1	428.6	466.7	504.8	542.9	619.1	695.3	14	14	1.00						
338.1	366.7	395.3	423.9	462.0	500.1	538.2	614.4	690.6	15	15	1.00						
333.4	362.0	390.5	419.1	457.2	495.3	533.4	609.6	685.8	16	16	1.00						
323.9	352.4	381.0	409.6	447.7	485.8	523.9	600.1	676.3	18	18	1.00						
314.3	342.9	371.5	400.1	438.2	476.3	514.4	590.6	666.8	20	20	1.00						
309.6	338.1	366.7	395.3	433.4	471.5	509.6	585.8	662.0	21	21	1.00						
304.8	333.4	362.0	390.5	428.6	466.7	504.8	581.0	657.2	22	22	1.00						
295.3	323.9	352.4	381.0	419.1	457.2	495.3	571.5	647.7	24	24	1.00						
276.2	304.8	333.4	362.0	400.1	438.2	476.3	552.5	628.7	28	28	1.00						
266.7	295.3	323.9	352.4	390.5	428.6	466.7	542.9	619.1	30	30	1.00						
257.2	285.8	314.3	342.9	381.0	419.1	457.2	533.4	609.6	32	32	1.00						
238.1	266.7	295.3	323.9	362.0	400.1	438.2	514.4	590.6	36	36	1.00						
219.1	247.7	276.2	304.8	342.9	381.0	419.1	495.3	571.5	40	40	1.00						
200.0	228.6	257.2	285.8	323.9	362.0	400.1	476.3	552.5	44	44	1.00						
181.0	209.6	238.1	266.7	304.8	342.9	381.0	457.2	533.4	48	48	1.00						
			209.6	247.7	285.8	323.9	400.1	476.3	60	60	1.00						
					228.6	266.7	342.9	419.1	72	72	1.00						
311.9	340.5	369.1	397.7	435.8	473.9	512.0	588.2	664.4	21	20	1.05						
307.2	335.8	364.3	392.9	431.0	469.1	507.2	583.4	659.6	22	21	1.05						
340.5	369.1	397.7	426.2	464.3	502.4	540.5	616.7	692.9	15	14	1.07						
335.8	364.3	392.9	421.5	459.6	497.7	535.8	612.0	688.2	16	15	1.07						
271.4	300.0	328.6	357.2	395.3	433.4	471.5	547.7	623.9	30	28	1.07						
261.9	290.5	319.1	347.6	385.8	423.9	462.0	538.2	614.4	32	30	1.07						
300.0	328.6	357.2	385.8	423.9	462.0	500.1	576.3	652.5	24	22	1.09						
309.5	338.1	366.7	395.3	433.4	471.5	509.6	585.8	662.0	22	20	1.10						
319.1	347.6	376.2	404.8	442.9	481.0	519.1	595.3	671.5	20	18	1.11						
328.6	357.2	385.8	414.3	452.4	490.5	528.6	604.8	681.0	18	16	1.13						
338.1	366.7	395.3	423.9	462.0	500.1	538.2	614.4	690.6	16	14	1.14						
302.4	331.0	359.5	388.1	426.2	464.3	502.4	578.6	654.8	24	21	1.14						
266.6	295.2	323.8	352.4	390.5	428.6	466.7	542.9	619.1	32	28	1.14						
347.6	376.2	404.8	433.4	471.5	509.6	547.7	623.9	700.1	14	12	1.17						
316.7	345.3	373.8	402.4	440.5	478.6	516.7	592.9	669.1	21	18	1.17						
285.7	314.3	342.8	371.4	409.5	447.6	485.7	561.9	638.1	28	24	1.17						
357.2	385.8	414.3	442.9	481.0	519.1	557.2	633.4	709.6	12	10	1.20						
331.0	359.5	388.1	416.7	454.8	492.9	531.0	607.2	683.4	18	15	1.20						
304.7	333.3	361.9	390.5	428.6	466.7	504.8	581.0	657.2	24	20	1.20						
252.2	280.8	309.4	338.0	376.1	414.2	452.3	528.6	604.8	36	30	1.20						
314.3	342.8	371.4	400.0	438.1	476.2	514.3	590.5	666.7	22	18	1.22						
345.3	373.8	402.4	431.0	469.1	507.2	545.3	621.5	697.7	15	12	1.25						
323.8	352.4	381.0	409.5	447.6	485.7	523.8	600.0	676.2	20	16	1.25						
280.8	309.4	338.0	366.6	404.7	442.8	480.9	557.1	633.3	30	24	1.25						
290.4	319.0	347.5	376.1	414.2	452.3	490.5	566.7	642.9	28	22	1.27						
333.3	361.9	390.5	419.1	457.2	495.3	533.4	609.6	685.8	18	14	1.29						
256.9	285.5	314.1	342.7	380.8	418.9	457.0	533.3	609.5	36	28	1.29						
321.4	350.0	378.5	407.1	445.2	483.3	521.4	597.6	673.9	21	16	1.31						
342.8	371.4	400.0	428.6	466.7	504.8	542.9	619.1	695.3	16	12	1.33						



# CENTRE DISTANCE TABLES L

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			124L	150L	187L	210L	225L	240L	255L	270L	285L	300L
			Number of teeth									
			33	40	50	56	60	64	68	72	76	80
1.33	15	20	73.4	106.9	154.6	183.2	202.3	221.3	240.4	259.4	278.5	297.6
1.33	18	24		90.0	137.8	166.4	185.5	204.6	223.7	242.7	261.8	280.8
1.33	21	28			121.0	149.6	168.7	187.8	206.9	226.0	245.0	264.1
1.33	24	32			104.1	132.8	151.9	171.0	190.1	209.2	228.3	247.4
1.33	30	40					118.1	137.3	156.4	175.6	194.7	213.8
1.36	22	30			113.7	142.4	161.5	180.6	199.7	218.7	237.8	256.9
1.38	16	22		99.6	147.4	176.0	195.1	214.1	233.2	252.2	271.3	290.4
1.40	10	14	99.8	133.2	180.9	209.5	228.5	247.6	266.6	285.7	304.7	323.8
1.40	15	21	70.9	104.4	152.1	180.7	199.8	218.9	238.0	257.0	276.1	295.1
1.40	20	28			123.2	151.9	171.0	190.1	209.2	228.3	247.4	266.4
1.43	14	20	75.7	109.2	156.9	185.5	204.6	223.7	242.7	261.8	280.8	299.9
1.43	21	30			115.9	144.6	163.7	182.8	201.9	221.0	240.1	259.2
1.43	28	40					122.5	141.7	160.9	180.1	199.2	218.3
1.45	22	32			108.5	137.3	156.4	175.6	194.7	213.8	232.9	252.0
1.47	15	22	68.2	101.8	149.6	178.3	197.4	216.4	235.5	254.6	273.6	292.7
1.47	30	44						126.8	146.1	165.3	184.5	203.7
1.50	10	15	97.3	130.7	178.4	207.0	226.1	245.2	264.2	283.3	302.3	321.4
1.50	12	18	85.2	118.7	166.4	195.1	214.1	233.2	252.2	271.3	290.4	309.4
1.50	14	21	73.0	106.6	154.4	183.0	202.1	221.2	240.3	259.3	278.4	297.5
1.50	16	24		94.5	142.4	171.0	190.1	209.2	228.3	247.4	266.4	285.5
1.50	20	30			118.1	146.9	166.0	185.1	204.2	223.3	242.4	261.5
1.50	24	36				122.5	141.7	160.9	180.1	199.2	218.3	237.4
1.52	21	32			110.7	139.5	158.7	177.8	196.9	216.0	235.2	254.2
1.56	18	28			127.7	156.4	175.6	194.7	213.8	232.9	252.0	271.0
1.57	14	22	70.4	104.1	151.9	180.6	199.7	218.7	237.8	256.9	276.0	295.0
1.57	28	44						131.1	150.4	169.7	188.9	208.1
1.60	10	16	94.8	128.3	176.0	204.6	223.7	242.7	261.8	280.8	299.9	319.0
1.60	15	24		96.7	144.6	173.3	192.4	211.5	230.6	249.7	268.7	287.8
1.60	20	32			112.8	141.7	160.9	180.1	199.2	218.3	237.4	256.5
1.60	30	48							135.4	154.8	174.1	193.3
1.64	22	36				126.8	146.1	165.3	184.5	203.7	222.8	242.0
1.67	12	20	80.0	113.7	161.5	190.1	209.2	228.3	247.4	266.4	285.5	304.6
1.67	18	30			122.5	151.3	170.5	189.6	208.8	227.9	247.0	266.1
1.67	24	40				111.7	131.1	150.4	169.7	188.9	208.1	227.3
1.71	14	24		98.8	146.9	175.6	194.7	213.8	232.9	252.0	271.0	290.1
1.71	21	36			99.8	129.0	148.3	167.5	186.7	205.9	225.1	244.2
1.71	28	48							139.6	159.0	178.4	197.7
1.75	12	21	77.4	111.1	159.0	187.6	206.7	225.8	244.9	264.0	283.0	302.1
1.75	16	28		83.7	132.1	160.9	180.1	199.2	218.3	237.4	256.5	275.6
1.78	18	32			117.1	146.1	165.3	184.5	203.7	222.8	242.0	261.1
1.80	10	18	89.7	123.2	171.0	199.7	218.7	237.8	256.9	276.0	295.0	314.1
1.80	20	36			101.9	131.1	150.4	169.7	188.9	208.1	227.3	246.5
1.82	22	40				115.8	135.4	154.8	174.1	193.3	212.6	231.8
1.83	12	22	74.7	108.5	156.4	185.1	204.2	223.3	242.4	261.5	280.6	299.7
1.83	24	44					120.0	139.6	159.0	178.4	197.7	217.0
1.87	15	28		85.8	134.3	163.1	182.3	201.4	220.6	239.7	258.8	277.9
1.88	16	30			126.8	155.7	174.9	194.1	213.3	232.4	251.5	270.6
1.90	21	40				117.9	137.5	156.9	176.2	195.5	214.8	234.0

# CENTRE DISTANCE TABLES L

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
322L	345L	367L	390L	420L	450L	480L	540L	600L			
Number of teeth											
86	92	98	104	112	120	128	144	160			
326.1	354.7	383.3	411.9	450.0	488.1	526.2	602.4	678.6	20	15	1.33
309.4	338.0	366.6	395.2	433.3	471.4	509.5	585.7	661.9	24	18	1.33
292.7	321.3	349.9	378.5	416.6	454.7	492.8	569.0	645.2	28	21	1.33
276.0	304.6	333.2	361.7	399.9	438.0	476.1	552.3	628.5	32	24	1.33
242.4	271.0	299.7	328.3	366.4	404.5	442.7	518.9	595.1	40	30	1.33
285.5	314.1	342.7	371.3	409.4	447.5	485.6	561.8	638.1	30	22	1.36
319.0	347.5	376.1	404.7	442.8	480.9	519.0	595.2	671.5	22	16	1.38
352.4	381.0	409.5	438.1	476.2	514.3	552.4	628.6	704.8	14	10	1.40
323.7	352.3	380.9	409.5	447.6	485.7	523.8	600.0	676.2	21	15	1.40
295.0	323.6	352.2	380.8	418.9	457.0	495.2	571.4	647.6	28	20	1.40
328.5	357.1	385.7	414.2	452.3	490.5	528.6	604.8	681.0	20	14	1.43
287.8	316.4	345.0	373.6	411.7	449.8	488.0	564.2	640.4	30	21	1.43
247.0	275.6	304.3	332.9	371.0	409.2	447.3	523.6	599.8	40	28	1.43
280.6	309.2	337.8	366.4	404.5	442.7	480.8	557.0	633.2	32	22	1.45
321.3	349.9	378.5	407.1	445.2	483.3	521.4	597.6	673.8	22	15	1.47
232.4	261.1	289.7	318.4	356.6	394.7	432.9	509.1	585.4	44	30	1.47
350.0	378.5	407.1	435.7	473.8	511.9	550.0	626.2	702.4	15	10	1.50
338.0	366.6	395.2	423.8	461.9	500.0	538.1	614.3	690.5	18	12	1.50
326.1	354.6	383.2	411.8	449.9	488.0	526.1	602.4	678.6	21	14	1.50
314.1	342.7	371.3	399.9	438.0	476.1	514.2	590.4	666.6	24	16	1.50
290.1	318.7	347.3	375.9	414.1	452.2	490.3	566.5	642.8	30	20	1.50
266.1	294.7	323.3	352.0	390.1	428.2	466.4	542.6	618.9	36	24	1.50
282.9	311.5	340.1	368.7	406.9	445.0	483.1	559.3	635.6	32	21	1.52
299.7	328.3	356.9	385.5	423.6	461.7	499.8	576.1	652.3	28	18	1.56
323.6	352.2	380.8	409.4	447.5	485.6	523.7	600.0	676.2	22	14	1.57
236.9	265.6	294.3	322.9	361.1	399.3	437.5	513.8	590.1	44	28	1.57
347.5	376.1	404.7	433.3	471.4	509.5	547.6	623.8	700.0	16	10	1.60
316.4	345.0	373.6	402.2	440.3	478.4	516.6	592.8	669.0	24	15	1.60
285.2	313.8	342.4	371.0	409.2	447.3	485.4	561.7	637.9	32	20	1.60
222.2	250.9	279.7	308.4	346.6	384.8	423.0	499.3	575.6	48	30	1.60
270.6	299.3	327.9	356.6	394.7	432.9	471.0	547.3	623.5	36	22	1.64
333.2	361.7	390.3	418.9	457.0	495.2	533.3	609.5	685.7	20	12	1.67
294.7	323.3	352.0	380.6	418.7	456.8	495.0	571.2	647.4	30	18	1.67
256.0	284.7	313.4	342.0	380.2	418.4	456.6	532.8	609.1	40	24	1.67
318.7	347.3	375.9	404.5	442.7	480.8	518.9	595.1	671.3	24	14	1.71
272.9	301.6	330.2	358.8	397.0	435.2	473.3	549.6	625.9	36	21	1.71
226.6	255.4	284.1	312.9	351.1	389.3	427.5	503.9	580.2	48	28	1.71
330.7	359.3	387.9	416.5	454.6	492.7	530.8	607.1	683.3	21	12	1.75
304.3	332.9	361.5	390.1	428.2	466.4	504.5	580.7	657.0	28	16	1.75
289.7	318.4	347.0	375.6	413.8	451.9	490.1	566.3	642.6	32	18	1.75
342.7	371.3	399.9	428.5	466.6	504.7	542.8	619.0	695.2	18	10	1.78
275.2	303.8	332.5	361.1	399.3	437.5	475.6	551.9	628.2	36	20	1.80
260.5	289.2	317.9	346.6	384.8	423.0	461.2	537.5	613.8	40	22	1.80
328.3	356.9	385.5	414.1	452.2	490.3	528.4	604.6	680.9	22	12	1.83
245.8	274.5	303.3	332.0	370.2	408.4	446.6	523.0	599.3	44	24	1.83
306.5	335.2	363.8	392.4	430.6	468.7	506.8	583.1	659.3	28	15	1.87
299.3	327.9	356.6	385.2	423.3	461.5	499.6	575.9	652.1	30	16	1.88
262.7	291.5	320.2	348.9	387.1	425.3	463.4	539.8	616.1	40	21	1.90



# CENTRE DISTANCE TABLES L

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			124L	150L	187L	210L	225L	240L	255L	270L	285L	300L
			Number of teeth									
			33	40	50	56	60	64	68	72	76	80
2.00	10	20	84.4	118.1	166.0	194.7	213.8	232.9	252.0	271.0	290.1	309.2
2.00	12	24	69.0	103.2	151.3	180.1	199.2	218.3	237.4	256.5	275.6	294.7
2.00	14	28		87.9	136.5	165.3	184.5	203.7	222.8	242.0	261.1	280.2
2.00	15	30		80.1	129.0	157.9	177.1	196.3	215.5	234.6	253.8	272.9
2.00	16	32			121.4	150.4	169.7	188.9	208.1	227.3	246.5	265.6
2.00	18	36			106.0	135.4	154.8	174.1	193.3	212.6	231.8	250.9
2.00	20	40				120.0	139.6	159.0	178.4	197.7	217.0	236.2
2.00	22	44					124.1	143.8	163.3	182.7	202.0	221.3
2.00	24	48						128.1	147.9	167.5	186.9	206.3
2.00	30	60										160.2
2.10	10	21	81.6	115.5	163.5	192.2	211.3	230.4	249.5	268.6	287.6	306.7
2.10	21	44					126.1	145.8	165.4	184.8	204.2	223.5
2.13	15	32			123.5	152.6	171.9	191.1	210.4	229.5	248.7	267.8
2.14	14	30		82.1	131.1	160.1	179.3	198.5	217.7	236.9	256.0	275.2
2.14	28	60									144.2	164.2
2.18	11	24	71.1	105.3	153.5	182.3	201.4	220.6	239.7	258.8	277.9	297.0
2.18	22	48						132.2	152.0	171.7	191.2	210.6
2.20	10	22	78.9	112.8	160.9	189.6	208.8	227.9	247.0	266.1	285.2	304.3
2.20	20	44				108.1	128.1	147.9	167.5	186.9	206.3	225.7
2.22	18	40				124.1	143.8	163.3	182.7	202.0	221.3	240.6
2.25	16	36			110.1	139.6	159.0	178.4	197.7	217.0	236.2	255.4
2.29	14	32			125.6	154.8	174.1	193.3	212.6	231.8	250.9	270.1
2.29	21	48						134.2	154.1	173.8	193.3	212.7
2.33	12	28		92.0	140.8	169.7	188.9	208.1	227.3	246.5	265.6	284.7
2.40	10	24	73.1	107.4	155.7	184.5	203.7	222.8	242.0	261.1	280.2	299.3
2.40	15	36			112.1	141.7	161.2	180.5	199.9	219.1	238.4	257.6
2.40	20	48					116.0	136.2	156.1	175.8	195.4	214.9
2.40	30	72										
2.44	18	44				112.1	132.2	152.0	171.7	191.2	210.6	230.0
2.50	12	30		86.1	135.4	164.4	183.7	203.0	222.2	241.3	260.5	279.7
2.50	16	40			97.9	128.1	147.9	167.5	186.9	206.3	225.7	244.9
2.50	24	60									152.0	172.3
2.57	14	36			114.2	143.8	163.3	182.7	202.0	221.3	240.6	259.8
2.57	28	72										
2.67	12	32		79.9	129.8	159.0	178.4	197.7	217.0	236.2	255.4	274.5
2.67	15	40			99.9	130.2	150.0	169.6	189.1	208.5	227.8	247.1
2.67	18	48					119.9	140.2	160.2	180.0	199.6	219.1
2.73	22	60								135.2	155.9	176.2
2.75	16	44				116.0	136.2	156.1	175.8	195.4	214.9	234.3
2.80	10	28		96.1	145.1	174.1	193.3	212.6	231.8	250.9	270.1	289.2
2.86	14	40			101.8	132.2	152.0	171.7	191.2	210.6	230.0	249.3
2.86	21	60								137.1	157.9	178.2
2.93	15	44				117.9	138.2	158.2	177.9	197.5	217.0	236.4
3.00	10	30		90.1	139.6	168.7	188.1	207.3	226.6	245.8	265.0	284.1
3.00	12	36			118.2	147.9	167.5	186.9	206.3	225.7	244.9	264.2
3.00	16	48					123.7	144.2	164.2	184.1	203.7	223.3
3.00	20	60								138.9	159.8	180.2
3.00	24	72										

3  
L

# CENTRE DISTANCE TABLES L

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
322L	345L	367L	390L	420L	450L	480L	540L	600L			
Number of teeth											
86	92	98	104	112	120	128	144	160			
337.8	366.4	395.0	423.6	461.7	499.8	537.9	614.2	690.4	20	10	2.00
323.3	352.0	380.6	409.2	447.3	485.4	523.6	599.8	676.0	24	12	2.00
308.8	337.5	366.1	394.7	432.9	471.0	509.1	585.4	661.6	28	14	2.00
301.6	330.2	358.8	387.5	425.6	463.8	501.9	578.2	654.4	30	15	2.00
294.3	322.9	351.6	380.2	418.4	456.6	494.7	571.0	647.2	32	16	2.00
279.7	308.4	337.0	365.7	403.9	442.1	480.2	556.5	632.8	36	18	2.00
265.0	293.7	322.4	351.1	389.3	427.5	465.7	542.1	618.4	40	20	2.00
250.2	279.0	307.8	336.5	374.8	413.0	451.2	527.6	603.9	44	22	2.00
235.3	264.2	293.0	321.8	360.1	398.4	436.6	513.1	589.4	48	24	2.00
189.8	219.1	248.2	277.2	315.8	354.3	392.7	469.3	545.8	60	30	2.00
335.3	363.9	392.6	421.2	459.3	497.4	535.5	611.8	688.0	21	10	2.10
252.4	281.2	310.0	338.7	377.0	415.3	453.5	529.9	606.2	44	21	2.10
296.5	325.2	353.9	382.5	420.7	458.9	497.0	573.3	649.6	32	15	2.13
303.8	332.5	361.1	389.8	427.9	466.1	504.2	580.5	656.8	30	14	2.14
193.9	223.3	252.5	281.6	320.2	358.7	397.1	473.8	550.3	60	28	2.14
325.6	354.3	382.9	411.5	449.6	487.8	525.9	602.1	678.4	24	11	2.18
239.6	268.6	297.4	326.2	364.6	402.9	441.2	517.6	594.0	48	22	2.18
332.9	361.5	390.1	418.7	456.8	495.0	533.1	609.3	685.6	22	10	2.20
254.6	283.4	312.2	341.0	379.3	417.5	455.7	532.2	608.5	44	20	2.20
269.4	298.2	326.9	355.6	393.9	432.1	470.3	546.7	623.0	40	18	2.22
284.1	312.9	341.6	370.2	408.4	446.6	484.8	561.2	637.5	36	16	2.25
298.8	327.5	356.1	384.8	423.0	461.2	499.3	575.6	651.9	32	14	2.29
241.8	270.7	299.6	328.4	366.8	405.1	443.4	519.9	596.3	48	21	2.29
313.4	342.0	370.7	399.3	437.5	475.6	513.8	590.1	666.3	28	12	2.33
327.9	356.6	385.2	413.8	451.9	490.1	528.2	604.5	680.7	24	10	2.40
286.4	315.1	343.8	372.5	410.7	448.9	487.1	563.5	639.8	36	15	2.40
243.9	272.9	301.8	330.6	369.0	407.4	445.7	522.1	598.6	48	20	2.40
	184.1	214.3	244.1	283.3	322.3	361.1	438.3	515.2	72	30	2.40
258.9	287.8	316.6	345.4	383.7	422.0	460.3	536.7	613.1	44	18	2.44
308.4	337.0	365.7	394.3	432.5	470.7	508.9	585.2	661.4	30	12	2.50
273.8	302.6	331.4	360.1	398.4	436.6	474.9	551.2	627.6	40	16	2.50
202.1	231.7	261.0	290.1	328.8	367.4	405.9	482.7	559.3	60	24	2.50
288.6	317.3	346.1	374.8	413.0	451.2	489.4	565.8	642.1	36	14	2.57
	188.1	218.3	248.2	287.5	326.5	365.4	442.6	519.6	72	28	2.57
303.3	332.0	360.7	389.3	427.5	465.7	503.9	580.2	656.5	32	12	2.67
276.0	304.8	333.6	362.3	400.6	438.9	477.1	553.5	629.9	40	15	2.67
248.2	277.2	306.2	335.0	373.5	411.8	450.1	526.7	603.1	48	18	2.67
206.2	235.8	265.2	294.4	333.1	371.8	410.3	487.1	563.8	60	22	2.73
263.3	292.2	321.0	349.8	388.2	426.5	464.8	541.3	617.7	44	16	2.75
317.9	346.6	375.2	403.9	442.1	480.2	518.4	594.7	671.0	28	10	2.80
278.2	307.0	335.8	364.6	402.9	441.2	479.4	555.8	632.2	40	14	2.86
208.2	237.9	267.3	296.5	335.3	373.9	412.5	489.3	566.0	60	21	2.86
265.4	294.4	323.2	352.1	390.4	428.8	467.0	543.5	619.9	44	15	2.93
312.9	341.6	370.2	398.9	437.1	475.3	513.5	589.8	666.1	30	10	3.00
293.0	321.8	350.5	379.3	417.5	455.7	494.0	570.3	646.7	36	12	3.00
252.5	281.6	310.5	339.4	377.9	416.3	454.6	531.2	607.7	48	16	3.00
210.3	239.9	269.4	298.6	337.4	376.1	414.7	491.6	568.3	60	20	3.00
164.6	195.9	226.3	256.3	295.8	335.0	373.9	451.3	528.4	72	24	3.00



# CENTRE DISTANCE TABLES L

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			124L	150L	187L	210L	225L	240L	255L	270L	285L	300L
			Number of teeth									
			33	40	50	56	60	64	68	72	76	80
3.14	14	44				119.9	140.2	160.2	180.0	199.6	219.1	238.5
3.20	10	32		83.8	133.9	163.3	182.7	202.0	221.3	240.6	259.8	279.0
3.20	15	48					125.6	146.1	166.2	186.1	205.8	225.4
3.27	22	72										
3.33	12	40			105.7	136.2	156.1	175.8	195.4	214.9	234.3	253.6
3.33	18	60								142.7	163.7	184.1
3.43	14	48				106.3	127.5	148.1	168.3	188.2	207.9	227.5
3.43	21	72										
3.60	10	36			122.2	152.0	171.7	191.2	210.6	230.0	249.3	268.6
3.60	20	72										
3.67	12	44				123.7	144.2	164.2	184.1	203.7	223.3	242.8
3.75	16	60								146.5	167.5	188.1
4.00	10	40			109.5	140.2	160.2	180.0	199.6	219.1	238.5	257.9
4.00	12	48				110.0	131.4	152.0	172.3	192.2	212.0	231.7
4.00	15	60							126.3	148.3	169.4	190.0
4.00	18	72										
4.29	14	60							128.1	150.2	171.3	192.0
4.40	10	44			95.2	127.5	148.1	168.3	188.2	207.9	227.5	247.0
4.50	16	72										146.0
4.80	10	48				113.6	135.2	155.9	176.2	196.3	216.1	235.8
4.80	15	72										147.8
5.00	12	60							131.7	153.9	175.2	195.9
5.14	14	72										149.5
6.00	10	60							135.3	157.6	179.0	199.8
6.00	12	72										153.1
7.20	10	72										156.6

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L

# CENTRE DISTANCE TABLES L

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
322L	345L	367L	390L	420L	450L	480L	540L	600L			
Number of teeth											
86	92	98	104	112	120	128	144	160			
267.6	296.5	325.4	354.3	392.7	431.0	469.3	545.8	622.2	44	14	3.14
307.8	336.5	365.2	393.9	432.1	470.3	508.5	584.8	661.1	32	10	3.20
254.6	283.7	312.7	341.6	380.1	418.5	456.8	533.4	609.9	48	15	3.20
168.4	199.8	230.3	260.3	299.9	339.2	378.1	455.6	532.8	72	22	3.27
282.6	311.4	340.2	369.0	407.4	445.7	483.9	560.4	636.8	40	12	3.33
214.3	244.1	273.5	302.8	341.7	380.4	419.0	496.0	572.7	60	18	3.33
256.7	285.9	314.9	343.8	382.3	420.7	459.1	535.7	612.2	48	14	3.43
170.2	201.7	232.3	262.4	302.0	341.2	380.3	457.8	534.9	72	21	3.43
297.4	326.2	355.0	383.7	422.0	460.3	498.5	574.9	651.3	36	10	3.60
172.1	203.6	234.3	264.4	304.0	343.3	382.4	460.0	537.1	72	20	3.60
271.9	300.9	329.8	358.7	397.1	435.4	473.8	550.3	626.8	44	12	3.67
218.3	248.2	277.7	307.1	346.0	384.7	423.4	500.4	577.2	60	16	3.75
286.9	315.8	344.7	373.5	411.8	450.1	488.4	564.9	641.3	40	10	4.00
261.0	290.1	319.2	348.1	386.7	425.1	463.5	540.2	616.7	48	12	4.00
220.3	250.2	279.8	309.1	348.1	386.9	425.5	502.6	579.4	60	15	4.00
175.8	207.5	238.2	268.4	308.1	347.5	386.6	464.3	541.5	72	18	4.00
222.3	252.2	281.8	311.2	350.2	389.0	427.7	504.8	581.6	60	14	4.29
276.2	305.2	334.2	363.0	401.5	439.9	478.2	554.8	631.3	44	10	4.40
179.6	211.3	242.1	272.4	312.2	351.7	390.8	468.5	545.8	72	16	4.50
265.2	294.4	323.5	352.5	391.0	429.5	467.9	544.6	621.2	48	10	4.80
181.4	213.2	244.1	274.4	314.3	353.7	392.9	470.7	548.0	72	15	4.80
226.3	256.3	286.0	315.4	354.5	393.3	432.0	509.1	586.0	60	12	5.00
183.3	215.1	246.1	276.4	316.3	355.8	395.0	472.8	550.2	72	14	5.14
230.3	260.3	290.1	319.6	358.7	397.6	436.3	513.5	590.4	60	10	6.00
187.0	218.9	250.0	280.4	320.4	359.9	399.2	477.1	554.5	72	12	6.00
190.6	222.7	253.9	284.4	324.4	364.0	403.3	481.3	558.8	72	10	7.20

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L

# CENTRE DISTANCE TABLES H

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			240H	270H	300H	330H	360H	390H	420H	450H	480H	510H
			Number of teeth									
			48	54	60	66	72	78	84	90	96	102
1.00	14	14	215.9	254.0	292.1	330.2	368.3	406.4	444.5	482.6	520.7	558.8
1.00	16	16	203.2	241.3	279.4	317.5	355.6	393.7	431.8	469.9	508.0	546.1
1.00	18	18	190.5	228.6	266.7	304.8	342.9	381.0	419.1	457.2	495.3	533.4
1.00	19	19	184.2	222.3	260.4	298.5	336.6	374.7	412.8	450.9	489.0	527.1
1.00	20	20	177.8	215.9	254.0	292.1	330.2	368.3	406.4	444.5	482.6	520.7
1.00	21	21	171.5	209.6	247.7	285.8	323.9	362.0	400.1	438.2	476.3	514.4
1.00	22	22	165.1	203.2	241.3	279.4	317.5	355.6	393.7	431.8	469.9	508.0
1.00	24	24	152.4	190.5	228.6	266.7	304.8	342.9	381.0	419.1	457.2	495.3
1.00	26	26	139.7	177.8	215.9	254.0	292.1	330.2	368.3	406.4	444.5	482.6
1.00	28	28	127.0	165.1	203.2	241.3	279.4	317.5	355.6	393.7	431.8	469.9
1.00	30	30		152.4	190.5	228.6	266.7	304.8	342.9	381.0	419.1	457.2
1.00	32	32			177.8	215.9	254.0	292.1	330.2	368.3	406.4	444.5
1.00	36	36				190.5	228.6	266.7	304.8	342.9	381.0	419.1
1.00	40	40					203.2	241.3	279.4	317.5	355.6	393.7
1.00	44	44						215.9	254.0	292.1	330.2	368.3
1.00	48	48							228.6	266.7	304.8	342.9
1.00	60	60										266.7
1.05	21	22	168.3	206.4	244.5	282.6	320.7	358.8	396.9	435.0	473.1	511.2
1.06	18	19	187.3	225.4	263.5	301.6	339.7	377.8	415.9	454.0	492.1	530.2
1.05	19	20	181.0	219.1	257.2	295.3	333.4	371.5	409.6	447.7	485.8	523.9
1.05	20	21	174.6	212.7	250.8	288.9	327.0	365.1	403.2	441.3	479.4	517.5
1.07	28	30		158.7	196.8	234.9	273.0	311.1	349.2	387.3	425.4	463.5
1.07	30	32		146.0	184.1	222.2	260.3	298.4	336.5	374.6	412.7	450.8
1.08	24	26	146.0	184.1	222.2	260.3	298.4	336.5	374.6	412.7	450.8	488.9
1.08	26	28	133.3	171.4	209.5	247.6	285.7	323.8	361.9	400.0	438.1	476.2
1.09	22	24	158.7	196.8	234.9	273.0	311.1	349.2	387.3	425.4	463.5	501.6
1.09	44	48						203.0	241.2	279.3	317.4	355.5
1.11	19	21	177.8	215.9	254.0	292.1	330.2	368.3	406.4	444.5	482.6	520.7
1.10	20	22	171.4	209.5	247.6	285.7	323.8	361.9	400.0	438.1	476.2	514.3
1.10	40	44					190.3	228.5	266.6	304.7	342.8	380.9
1.11	18	20	184.1	222.2	260.3	298.4	336.5	374.6	412.7	450.8	488.9	527.0
1.11	36	40				177.6	215.7	253.9	292.0	330.1	368.2	406.3
1.13	16	18	196.8	234.9	273.0	311.1	349.2	387.3	425.4	463.5	501.6	539.7
1.13	32	36			164.9	203.0	241.2	279.3	317.4	355.5	393.6	431.7
1.14	14	16	209.5	247.6	285.7	323.8	361.9	400.0	438.1	476.2	514.3	552.4
1.14	21	24	161.8	199.9	238.0	276.2	314.3	352.4	390.5	428.6	466.7	504.8
1.14	28	32		152.2	190.3	228.5	266.6	304.7	342.8	380.9	419.0	457.1
1.15	26	30	126.7	164.9	203.0	241.2	279.3	317.4	355.5	393.6	431.7	469.8
1.16	19	22	174.5	212.6	250.8	288.9	327.0	365.1	403.2	441.3	479.4	517.5
1.17	18	21	180.9	219.0	257.1	295.2	333.3	371.4	409.5	447.6	485.7	523.8
1.17	24	28	139.5	177.6	215.7	253.9	292.0	330.1	368.2	406.3	444.4	482.5
1.18	22	26	152.2	190.3	228.5	266.6	304.7	342.8	380.9	419.0	457.1	495.2
1.19	16	19	193.6	231.7	269.8	307.9	346.0	384.1	422.2	460.3	498.4	536.5
1.20	20	24	164.9	203.0	241.2	279.3	317.4	355.5	393.6	431.7	469.8	507.9
1.20	30	36			171.0	209.2	247.4	285.5	323.6	361.7	399.9	438.0
1.20	40	48						215.3	253.5	291.7	329.8	367.9
1.22	18	22	177.6	215.7	253.9	292.0	330.1	368.2	406.3	444.4	482.5	520.6
1.22	36	44					202.6	240.8	278.9	317.1	355.2	393.4

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H



# CENTRE DISTANCE TABLES H

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
570H	600H	700H	750H	800H	900H	1000H	1250H	1700H			
Number of teeth											
114	120	140	150	160	180	200	250	340			
635.0	673.1	800.1	863.6	927.1	1054.1	1181.1	1498.6	2070.1	14	14	1.00
622.3	660.4	787.4	850.9	914.4	1041.4	1168.4	1485.9	2057.4	16	16	1.00
609.6	647.7	774.7	838.2	901.7	1028.7	1155.7	1473.2	2044.7	18	18	1.00
603.3	641.4	768.4	831.9	895.4	1022.4	1149.4	1466.9	2038.4	19	19	1.00
596.9	635.0	762.0	825.5	889.0	1016.0	1143.0	1460.5	2032.0	20	20	1.00
590.6	628.7	755.7	819.2	882.7	1009.7	1136.7	1454.2	2025.7	21	21	1.00
584.2	622.3	749.3	812.8	876.3	1003.3	1130.3	1447.8	2019.3	22	22	1.00
571.5	609.6	736.6	800.1	863.6	990.6	1117.6	1435.1	2006.6	24	24	1.00
558.8	596.9	723.9	787.4	850.9	977.9	1104.9	1422.4	1993.9	26	26	1.00
546.1	584.2	711.2	774.7	838.2	965.2	1092.2	1409.7	1981.2	28	28	1.00
533.4	571.5	698.5	762.0	825.5	952.5	1079.5	1397.0	1968.5	30	30	1.00
520.7	558.8	685.8	749.3	812.8	939.8	1066.8	1384.3	1955.8	32	32	1.00
495.3	533.4	660.4	723.9	787.4	914.4	1041.4	1358.9	1930.4	36	36	1.00
469.9	508.0	635.0	698.5	762.0	889.0	1016.0	1333.5	1905.0	40	40	1.00
444.5	482.6	609.6	673.1	736.6	863.6	990.6	1308.1	1879.6	44	44	1.00
419.1	457.2	584.2	647.7	711.2	838.2	965.2	1282.7	1854.2	48	48	1.00
342.9	381.0	508.0	571.5	635.0	762.0	889.0	1206.5	1778.0	60	60	1.00
587.4	625.5	752.5	816.0	879.5	1006.5	1133.5	1451.0	2022.5	22	21	1.05
606.4	644.5	771.5	835.0	898.5	1025.5	1152.5	1470.0	2041.5	19	18	1.06
600.1	638.2	765.2	828.7	892.2	1019.2	1146.2	1463.7	2035.2	20	19	1.05
593.7	631.8	758.8	822.3	885.8	1012.8	1139.8	1457.3	2028.8	21	20	1.05
539.7	577.8	704.8	768.3	831.8	958.8	1085.8	1403.3	1974.8	30	28	1.07
527.0	565.1	692.1	755.6	819.1	946.1	1073.1	1390.6	1962.1	32	30	1.07
565.1	603.2	730.2	793.7	857.2	984.2	1111.2	1428.7	2000.2	26	24	1.08
552.4	590.5	717.5	781.0	844.5	971.5	1098.5	1416.0	1987.5	28	26	1.08
577.8	615.9	742.9	806.4	869.9	996.9	1123.9	1441.4	2012.9	24	22	1.09
431.7	469.8	596.8	660.4	723.9	850.9	977.9	1295.4	1866.9	48	44	1.09
596.9	635.0	762.0	825.5	889.0	1016.0	1143.0	1460.5	2032.0	21	19	1.11
590.5	628.6	755.6	819.1	882.6	1009.6	1136.6	1454.1	2025.6	22	20	1.10
457.1	495.2	622.2	685.8	749.3	876.3	1003.3	1320.8	1892.3	44	40	1.10
603.2	641.3	768.3	831.8	895.3	1022.3	1149.3	1466.8	2038.3	20	18	1.11
482.5	520.6	647.6	711.2	774.7	901.7	1028.7	1346.2	1917.7	40	36	1.11
615.9	654.0	781.0	844.5	908.0	1035.0	1162.0	1479.5	2051.0	18	16	1.13
507.9	546.0	673.1	736.6	800.1	927.1	1054.1	1371.6	1943.1	36	32	1.13
628.6	666.7	793.7	857.2	920.7	1047.7	1174.7	1492.2	2063.7	16	14	1.14
581.0	619.1	746.1	809.6	873.1	1000.1	1127.1	1444.6	2016.1	24	21	1.14
533.3	571.4	698.5	762.0	825.5	952.5	1079.5	1397.0	1968.5	32	28	1.14
546.0	584.1	711.2	774.7	838.2	965.2	1092.2	1409.7	1981.2	30	26	1.15
593.7	631.8	758.8	822.3	885.8	1012.8	1139.8	1457.3	2028.8	22	19	1.16
600.0	638.1	765.2	828.7	892.2	1019.2	1146.2	1463.7	2035.2	21	18	1.17
558.7	596.8	723.9	787.4	850.9	977.9	1104.9	1422.4	1993.9	28	24	1.17
571.4	609.5	736.6	800.1	863.6	990.6	1117.6	1435.1	2006.6	26	22	1.18
612.7	650.8	777.9	841.4	904.9	1031.9	1158.9	1476.4	2047.9	19	16	1.19
584.1	622.2	749.3	812.8	876.3	1003.3	1130.3	1447.8	2019.3	24	20	1.20
514.2	552.3	679.3	742.9	806.4	933.4	1060.4	1377.9	1949.4	36	30	1.20
444.2	482.3	609.4	672.9	736.4	863.4	990.5	1308.0	1879.5	48	40	1.20
596.8	634.9	762.0	825.5	889.0	1016.0	1143.0	1460.5	2032.0	22	18	1.22
469.6	507.7	634.8	698.3	761.8	888.9	1015.9	1333.4	1904.9	44	36	1.22



# CENTRE DISTANCE TABLES H

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			240H	270H	300H	330H	360H	390H	420H	450H	480H	510H
			Number of teeth									
			48	54	60	66	72	78	84	90	96	102
1.23	26	32		158.3	196.5	234.6	272.8	310.9	349.0	387.2	425.3	463.4
1.24	21	26	155.2	193.4	231.6	269.7	307.8	345.9	384.0	422.2	460.3	498.4
1.25	16	20	190.3	228.5	266.6	304.7	342.8	380.9	419.0	457.1	495.2	533.3
1.25	24	30	132.8	171.0	209.2	247.4	285.5	323.6	361.7	399.9	438.0	476.1
1.25	32	40				189.8	228.0	266.2	304.4	342.5	380.7	418.8
1.25	48	60									265.6	303.8
1.26	19	24	168.0	206.1	244.3	282.4	320.5	358.6	396.7	434.9	473.0	511.1
1.27	22	28	145.5	183.7	221.9	260.1	298.2	336.3	374.5	412.6	450.7	488.8
1.29	14	18	203.0	241.2	279.3	317.4	355.5	393.6	431.7	469.8	507.9	546.0
1.29	28	36			177.1	215.3	253.5	291.7	329.8	367.9	406.1	444.2
1.30	20	26	158.3	196.5	234.6	272.8	310.9	349.0	387.2	425.3	463.4	501.5
1.31	16	21	187.1	225.2	263.3	301.5	339.6	377.7	415.8	453.9	492.0	530.1
1.33	18	24	171.0	209.2	247.4	285.5	323.6	361.7	399.9	438.0	476.1	514.2
1.33	21	28	148.6	186.8	225.0	263.1	301.3	339.4	377.6	415.7	453.8	491.9
1.33	24	32	126.0	164.3	202.6	240.8	278.9	317.1	355.2	393.4	431.5	469.6
1.33	30	40			157.5	195.8	234.1	272.3	310.5	348.7	386.8	425.0
1.33	36	48					188.9	227.3	265.6	303.8	342.0	380.2
1.36	14	19	199.8	237.9	276.0	314.2	352.3	390.4	428.5	466.6	504.7	542.8
1.36	22	30	138.8	177.1	215.3	253.5	291.7	329.8	367.9	406.1	444.2	482.3
1.36	44	60								239.1	277.5	315.8
1.38	16	22	183.7	221.9	260.1	298.2	336.3	374.5	412.6	450.7	488.8	526.9
1.37	19	26	161.3	199.5	237.7	275.9	314.0	352.1	390.3	428.4	466.5	504.6
1.38	26	36		144.6	183.0	221.3	259.6	297.8	335.9	374.1	412.3	450.4
1.38	32	44				176.1	214.5	252.8	291.1	329.3	367.5	405.7
1.40	20	28	151.5	189.8	228.0	266.2	304.4	342.5	380.7	418.8	456.9	495.0
1.43	14	20	196.5	234.6	272.8	310.9	349.0	387.2	425.3	463.4	501.5	539.6
1.43	21	30	141.7	180.1	218.3	256.5	294.7	332.9	371.0	409.2	447.3	485.4
1.43	28	40			163.3	201.7	240.1	278.3	316.6	354.8	393.0	431.1
1.44	18	26	164.3	202.6	240.8	278.9	317.1	355.2	393.4	431.5	469.6	507.7
1.45	22	32	131.8	170.2	208.6	246.8	285.0	323.2	361.4	399.5	437.7	475.8
1.47	30	44				181.9	220.4	258.8	297.1	335.4	373.6	411.8
1.47	19	28	154.5	192.8	231.1	269.3	307.4	345.6	383.7	421.9	460.0	498.1
1.50	14	21	193.2	231.3	269.5	307.6	345.8	383.9	422.0	460.2	498.3	536.4
1.50	16	24	177.1	215.3	253.5	291.7	329.8	367.9	406.1	444.2	482.3	520.4
1.50	20	30	144.6	183.0	221.3	259.6	297.8	335.9	374.1	412.3	450.4	488.5
1.50	24	36		150.4	188.9	227.3	265.6	303.8	342.0	380.2	418.4	456.6
1.50	32	48					200.6	239.1	277.5	315.8	354.1	392.4
1.50	40	60								250.7	289.3	327.7
1.50	48	72										262.2
1.52	21	32	134.7	173.2	211.6	249.8	288.1	326.3	364.4	402.6	440.8	478.9
1.54	26	40			169.1	207.6	246.0	284.3	322.6	360.8	399.0	437.2
1.56	18	28	157.5	195.8	234.1	272.3	310.5	348.7	386.8	425.0	463.1	501.2
1.57	14	22	189.8	228.0	266.2	304.4	342.5	380.7	418.8	456.9	495.0	533.2
1.57	28	44				187.7	226.3	264.7	303.1	341.4	379.6	417.8
1.58	19	30	147.5	186.0	224.3	262.6	300.8	339.0	377.2	415.3	453.5	491.6
1.60	20	32	137.6	176.1	214.5	252.8	291.1	329.3	367.5	405.7	443.8	482.0
1.60	30	48					206.3	244.9	283.4	321.8	360.1	398.4
1.63	16	26	170.2	208.6	246.8	285.0	323.2	361.4	399.5	437.7	475.8	514.0

# CENTRE DISTANCE TABLES H

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
570H	600H	700H	750H	800H	900H	1000H	1250H	1700H			
Number of teeth											
114	120	140	150	160	180	200	250	340			
539.6	577.7	704.7	768.3	831.8	958.8	1085.8	1403.3	1974.8	32	26	1.23
574.6	612.7	739.7	803.2	866.7	993.7	1120.7	1438.2	2009.7	26	21	1.24
609.5	647.6	774.7	838.2	901.7	1028.7	1155.7	1473.2	2044.7	20	16	1.25
552.3	590.4	717.4	781.0	844.5	971.5	1098.5	1416.0	1987.5	30	24	1.25
495.0	533.2	660.2	723.7	787.2	914.3	1041.3	1358.8	1930.3	40	32	1.25
380.2	418.4	545.6	609.1	672.7	799.7	926.8	1244.4	1815.9	60	48	1.25
587.3	625.4	752.4	815.9	879.4	1006.4	1133.4	1450.9	2022.4	24	19	1.26
565.0	603.1	730.1	793.7	857.2	984.2	1111.2	1428.7	2000.2	28	22	1.27
622.2	660.4	787.4	850.9	914.4	1041.4	1168.4	1485.9	2057.4	18	14	1.29
520.4	558.6	685.6	749.1	812.6	939.7	1066.7	1384.2	1955.7	36	28	1.29
577.7	615.8	742.9	806.4	869.9	996.9	1123.9	1441.4	2012.9	26	20	1.30
606.3	644.4	771.5	835.0	898.5	1025.5	1152.5	1470.0	2041.5	21	16	1.31
590.4	628.5	755.6	819.1	882.6	1009.6	1136.6	1454.1	2025.6	24	18	1.33
568.1	606.3	733.3	796.8	860.3	987.3	1114.3	1431.9	2003.4	28	21	1.33
545.9	584.0	711.0	774.5	838.0	965.1	1092.1	1409.6	1981.1	32	24	1.33
501.2	539.4	666.4	730.0	793.5	920.5	1047.6	1365.1	1936.6	40	30	1.33
456.6	494.7	621.8	685.4	748.9	876.0	1003.0	1320.6	1892.1	48	36	1.33
619.0	657.1	784.2	847.7	911.2	1038.2	1165.2	1482.7	2054.2	19	14	1.36
558.6	596.7	723.7	787.2	850.7	977.8	1104.8	1422.3	1993.8	30	22	1.36
392.4	430.6	557.9	621.5	685.0	812.2	939.2	1256.9	1828.5	60	44	1.36
603.1	641.2	768.3	831.8	895.3	1022.3	1149.3	1466.8	2038.3	22	16	1.38
580.9	619.0	746.0	809.5	873.0	1000.0	1127.0	1444.6	2016.1	26	19	1.37
526.7	564.8	691.9	755.4	818.9	945.9	1073.0	1390.5	1962.0	36	26	1.38
482.0	520.1	647.2	710.8	774.3	901.4	1028.4	1346.0	1917.5	44	32	1.38
571.3	609.4	736.4	799.9	863.4	990.5	1117.5	1435.0	2006.5	28	20	1.40
615.8	653.9	781.0	844.5	908.0	1035.0	1162.0	1479.5	2051.0	20	14	1.43
561.7	599.8	726.8	790.4	853.9	980.9	1107.9	1425.5	1997.0	30	21	1.43
507.4	545.6	672.7	736.2	799.7	926.8	1053.8	1371.4	1942.9	40	28	1.43
584.0	622.1	749.1	812.6	876.2	1003.2	1130.2	1447.7	2019.2	26	18	1.44
552.1	590.2	717.3	780.8	844.3	971.3	1098.4	1415.9	1987.4	32	22	1.45
488.1	526.3	653.4	717.0	780.5	907.6	1034.7	1352.3	1923.8	44	30	1.47
574.4	612.5	739.6	803.1	866.6	993.6	1120.6	1438.2	2009.7	28	19	1.47
612.6	650.7	777.7	841.3	904.8	1031.8	1158.8	1476.3	2047.8	21	14	1.50
596.7	634.8	761.8	825.3	888.9	1015.9	1142.9	1460.4	2031.9	24	16	1.50
564.8	602.9	730.0	793.5	857.0	984.0	1111.1	1428.6	2000.1	30	20	1.50
532.8	571.0	698.1	761.6	825.1	952.2	1079.2	1396.8	1968.4	36	24	1.50
468.8	507.0	634.2	697.8	761.3	888.4	1015.5	1333.1	1904.7	48	32	1.50
404.4	442.7	570.1	633.7	697.3	824.5	951.6	1269.4	1841.1	60	40	1.50
339.4	377.9	505.7	569.4	633.1	760.5	887.7	1205.5	1777.3	72	48	1.50
555.2	593.3	720.4	783.9	847.4	974.5	1101.5	1419.1	1990.6	32	21	1.52
513.6	551.7	678.9	742.4	806.0	933.0	1060.1	1377.7	1949.2	40	26	1.54
577.5	615.6	742.7	806.2	869.7	996.7	1123.8	1441.3	2012.8	28	18	1.56
609.4	647.5	774.5	838.0	901.6	1028.6	1155.6	1473.1	2044.6	22	14	1.57
494.2	532.4	659.6	723.2	786.7	913.8	1040.9	1358.5	1930.1	44	28	1.57
567.9	606.0	733.1	796.6	860.1	987.2	1114.2	1431.8	2003.3	30	19	1.58
558.3	596.4	723.5	787.0	850.6	977.6	1104.6	1422.2	1993.8	32	20	1.60
474.9	513.1	640.3	703.9	767.5	894.6	1021.7	1339.4	1911.0	48	30	1.60
590.2	628.3	755.4	818.9	882.4	1009.4	1136.5	1454.0	2025.5	26	16	1.63



# CENTRE DISTANCE TABLES H

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			240H	270H	300H	330H	360H	390H	420H	450H	480H	510H
			Number of teeth									
			48	54	60	66	72	78	84	90	96	102
1.64	22	36		156.2	194.8	233.2	271.6	309.9	348.1	386.3	424.5	462.7
1.64	44	72										273.5
1.67	18	30	150.4	188.9	227.3	265.6	303.8	342.0	380.2	418.4	456.6	494.7
1.67	24	40			174.8	213.4	251.9	290.3	328.6	366.9	405.1	443.3
1.67	36	60							223.3	262.2	300.9	339.4
1.68	19	32	140.4	179.0	217.5	255.8	294.1	332.3	370.5	408.7	446.9	485.1
1.69	26	44			154.4	193.4	232.1	270.6	309.0	347.3	385.6	423.9
1.71	14	24	183.0	221.3	259.6	297.8	335.9	374.1	412.3	450.4	488.5	526.7
1.71	21	36		159.0	197.7	236.2	274.5	312.9	351.1	389.3	427.5	465.7
1.71	28	48				173.1	212.0	250.7	289.3	327.7	366.1	404.4
1.75	16	28	163.3	201.7	240.1	278.3	316.6	354.8	393.0	431.1	469.3	507.4
1.75	48	84										
1.78	18	32	143.2	181.9	220.4	258.8	297.1	335.4	373.6	411.8	450.0	488.1
1.80	20	36		161.9	200.6	239.1	277.5	315.8	354.1	392.4	430.6	468.8
1.80	40	72									245.4	284.7
1.82	22	40		141.3	180.5	219.2	257.8	296.2	334.6	372.9	411.1	449.4
1.83	24	44			160.0	199.1	237.9	276.4	314.9	353.3	391.6	429.9
1.85	26	48				178.6	217.7	256.5	295.1	333.6	372.0	410.3
1.86	14	26	176.1	214.5	252.8	291.1	329.3	367.5	405.7	443.8	482.0	520.1
1.88	16	30	156.2	194.8	233.2	271.6	309.9	348.1	386.3	424.5	462.7	500.9
1.88	32	60							234.4	273.5	312.4	351.0
1.89	19	36	125.4	164.7	203.5	242.0	280.5	318.8	357.1	395.4	433.6	471.8
1.90	21	40		144.1	183.3	222.1	260.7	299.2	337.5	375.9	414.1	452.4
1.91	44	84										
2.00	14	28	169.1	207.6	246.0	284.3	322.6	360.8	399.0	437.2	475.4	513.6
2.00	16	32	148.9	187.7	226.3	264.7	303.1	341.4	379.6	417.8	456.1	494.2
2.00	18	36	128.1	167.5	206.3	244.9	283.4	321.8	360.1	398.4	436.6	474.9
2.00	20	40		146.8	186.1	225.0	263.6	302.1	340.5	378.8	417.1	455.4
2.00	22	44			165.4	204.7	243.6	282.2	320.8	359.2	397.6	435.9
2.00	24	48				184.1	223.3	262.2	300.9	339.4	377.9	416.3
2.00	30	60						200.3	239.9	279.1	318.1	356.8
2.00	36	72									256.3	295.8
2.00	48	96										
2.10	21	44			168.2	207.5	246.4	285.1	323.7	362.1	400.5	438.9
2.10	40	84										
2.11	19	40		149.5	188.9	227.8	266.5	305.0	343.4	381.8	420.1	458.4
2.14	14	30	161.9	200.6	239.1	277.5	315.8	354.1	392.4	430.6	468.8	507.0
2.14	28	60						205.6	245.4	284.7	323.7	362.5
2.18	22	48				189.5	228.9	267.9	306.6	345.2	383.7	422.2
2.18	44	96										
2.20	20	44			170.9	210.3	249.3	288.0	326.6	365.1	403.5	441.8
2.22	18	40		152.2	191.7	230.7	269.4	307.9	346.4	384.8	423.1	461.4
2.25	16	36	133.5	173.1	212.0	250.7	289.3	327.7	366.1	404.4	442.7	480.9
2.25	32	72							226.7	267.1	306.8	
2.29	14	32	154.4	193.4	232.1	270.6	309.0	347.3	385.6	423.9	462.1	500.3
2.29	21	48			152.0	192.2	231.7	270.7	309.5	348.1	386.7	425.1
2.31	19	44			173.6	213.1	252.1	290.9	329.5	368.0	406.4	444.8
2.31	26	60						211.0	250.9	290.3	329.4	368.2

3  
H

# CENTRE DISTANCE TABLES H

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
570H	600H	700H	750H	800H	900H	1000H	1250H	1700H			
Number of teeth											
114	120	140	150	160	180	200	250	340			
539.0	577.2	704.3	767.8	831.4	958.4	1085.5	1403.1	1974.6	36	22	1.64
351.0	389.6	517.6	581.4	645.2	772.6	899.9	1217.9	1789.8	72	44	1.64
571.0	609.1	736.2	799.7	863.3	990.3	1117.3	1434.9	2006.5	30	18	1.67
519.7	557.9	685.0	748.6	812.2	939.2	1066.3	1383.9	1955.5	40	24	1.67
416.3	454.6	582.2	645.9	709.5	836.8	964.0	1281.8	1853.6	60	36	1.67
561.4	599.5	726.6	790.1	853.7	980.7	1107.8	1425.3	1996.9	32	19	1.68
500.3	538.5	665.8	729.3	792.9	920.0	1047.1	1364.8	1936.4	44	26	1.69
602.9	641.0	768.1	831.6	895.1	1022.2	1149.2	1466.7	2038.2	24	14	1.71
542.1	580.2	707.4	770.9	834.5	961.5	1088.6	1406.2	1977.8	36	21	1.71
480.9	519.1	646.4	710.0	773.6	900.8	1027.9	1345.6	1917.3	48	28	1.71
583.7	621.8	748.9	812.4	876.0	1003.0	1130.0	1447.6	2019.2	28	16	1.75
295.8	335.0	464.2	528.4	592.4	720.2	847.8	1166.1	1738.4	84	48	1.75
564.4	602.6	729.7	793.2	856.8	983.8	1110.9	1428.5	2000.0	32	18	1.78
545.1	583.3	710.5	774.0	837.6	964.7	1091.7	1409.3	1980.9	36	20	1.80
362.5	401.2	529.4	593.4	657.2	784.7	912.1	1230.2	1802.2	72	40	1.80
525.8	564.0	691.2	754.8	818.3	945.4	1072.5	1390.2	1961.8	40	22	1.82
506.4	544.6	671.9	735.5	799.1	926.2	1053.3	1371.0	1942.7	44	24	1.83
486.9	525.2	652.5	716.2	779.8	907.0	1034.1	1351.8	1923.5	48	26	1.85
596.4	634.5	761.6	825.1	888.7	1015.7	1142.7	1460.3	2031.9	26	14	1.86
577.2	615.3	742.4	806.0	869.5	996.5	1123.6	1441.2	2012.8	30	16	1.88
428.1	466.5	594.2	658.0	721.7	849.0	976.3	1294.2	1866.0	60	32	1.88
548.2	586.4	713.5	777.1	840.7	967.8	1094.8	1412.5	1984.1	36	19	1.89
528.8	567.0	694.3	757.9	821.4	948.5	1075.6	1393.3	1964.9	40	21	1.90
306.8	346.1	475.7	540.0	604.2	732.1	859.8	1178.3	1750.7	84	44	1.91
589.9	628.0	755.1	818.7	882.2	1009.3	1136.3	1453.9	2025.5	28	14	2.00
570.6	608.7	735.9	799.4	863.0	990.1	1117.1	1434.7	2006.3	32	16	2.00
551.2	589.4	716.6	780.2	843.8	970.9	1097.9	1415.6	1987.2	36	18	2.00
531.9	570.1	697.3	760.9	824.5	951.6	1078.7	1396.4	1968.1	40	20	2.00
512.4	550.7	678.0	741.6	805.2	932.4	1059.5	1377.2	1948.9	44	22	2.00
492.9	531.2	658.6	722.3	785.9	913.1	1040.3	1358.0	1929.8	48	24	2.00
433.9	472.4	600.2	664.0	727.7	855.1	982.4	1300.3	1872.3	60	30	2.00
373.9	412.7	541.2	605.2	669.1	796.8	924.2	1242.5	1814.6	72	36	2.00
		420.6	485.6	550.2	678.9	807.0	1126.1	1699.0	96	48	2.00
515.4	553.7	681.0	744.7	808.3	935.5	1062.6	1380.3	1952.1	44	21	2.10
317.7	357.2	487.2	551.6	615.9	744.0	871.8	1190.5	1763.1	84	40	2.10
534.9	573.1	700.4	764.0	827.6	954.7	1081.8	1399.5	1971.2	40	19	2.11
583.3	621.5	748.6	812.2	875.7	1002.8	1129.8	1447.4	2019.0	30	14	2.14
439.7	478.2	606.1	670.0	733.7	861.2	988.5	1306.5	1878.5	60	28	2.14
498.9	537.2	664.7	728.4	792.0	919.2	1046.4	1364.2	1936.0	48	22	2.18
	298.8	431.6	496.8	561.6	690.5	818.7	1138.1	1711.3	96	44	2.18
518.4	556.7	684.1	747.7	811.3	938.5	1065.7	1383.4	1955.2	44	20	2.20
537.9	576.1	703.4	767.1	830.7	957.8	1084.9	1402.6	1974.3	40	18	2.22
557.3	595.5	722.8	786.4	849.9	977.1	1104.2	1421.8	1993.5	36	16	2.25
385.2	424.1	552.9	617.0	681.0	808.8	936.3	1254.7	1827.0	72	32	2.25
576.7	614.9	742.1	805.6	869.2	996.3	1123.4	1441.0	2012.6	32	14	2.29
501.9	540.2	667.7	731.4	795.1	922.3	1049.5	1367.3	1939.2	48	21	2.29
521.4	559.7	687.1	750.8	814.4	941.6	1068.8	1386.6	1958.3	44	19	2.31
445.5	484.1	612.1	676.0	739.8	867.2	994.6	1312.7	1884.7	60	26	2.31



# CENTRE DISTANCE TABLES H

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			240H	270H	300H	330H	360H	390H	420H	450H	480H	510H
			Number of teeth									
			48	54	60	66	72	78	84	90	96	102
2.33	36	84										
2.40	20	48			154.6	194.9	234.4	273.5	312.4	351.0	389.6	428.1
2.40	30	72								231.9	272.4	312.2
2.40	40	96										
2.44	18	44		136.0	176.3	215.8	254.9	293.7	332.4	370.9	409.4	447.8
2.50	16	40		157.6	197.2	236.3	275.1	313.7	352.3	390.7	429.1	467.4
2.50	24	60						216.2	256.3	295.8	335.0	373.9
2.50	48	120										
2.53	19	48			157.2	197.6	237.2	276.3	315.2	353.9	392.5	431.0
2.57	14	36	138.9	178.6	217.7	256.5	295.1	333.6	372.0	410.3	448.6	486.9
2.57	28	72								237.1	277.7	317.7
2.63	32	84										257.6
2.67	18	48			159.8	200.3	239.9	279.1	318.1	356.8	395.4	433.9
2.67	36	96										
2.73	22	60					180.2	221.5	261.7	301.3	340.6	379.6
2.73	44	120										
2.75	16	44		140.9	181.6	221.3	260.5	299.4	338.2	376.7	415.2	453.7
2.77	26	72								242.3	283.0	323.1
2.80	30	84										262.7
2.86	14	40	121.8	162.9	202.7	241.9	280.8	319.5	358.1	396.6	435.0	473.3
2.86	21	60					182.7	224.1	264.4	304.0	343.3	382.4
3.00	16	48			164.9	205.6	245.4	284.7	323.7	362.5	401.2	439.7
3.00	20	60					185.3	226.7	267.1	306.8	346.1	385.2
3.00	24	72								247.4	288.3	328.5
3.00	28	84										267.8
3.00	32	96										
3.00	40	120										
3.14	14	44		146.0	186.9	226.8	266.1	305.1	343.9	382.5	421.1	459.5
3.16	19	60					187.8	229.3	269.7	309.5	348.9	388.0
3.20	30	96										
3.23	26	84										272.9
3.27	22	72							210.1	252.5	293.6	333.8
3.33	18	60					190.3	231.9	272.4	312.2	351.7	390.8
3.33	36	120										
3.43	14	48			170.1	211.0	250.9	290.3	329.4	368.2	406.9	445.5
3.43	21	72							212.6	255.1	296.2	336.5
3.43	28	96										
3.50	24	84									234.6	277.9
3.60	20	72							215.1	257.6	298.8	339.2
3.69	26	96										
3.75	16	60					195.3	237.1	277.7	317.7	357.2	396.4
3.75	32	120										
3.79	19	72							217.5	260.2	301.4	341.8
3.82	22	84									239.4	282.9
4.00	18	72							220.0	262.7	304.0	344.5
4.00	21	84									241.9	285.4
4.00	24	96										263.0
4.00	30	120										

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H

# CENTRE DISTANCE TABLES H

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
570H	600H	700H	750H	800H	900H	1000H	1250H	1700H			
Number of teeth											
114	120	140	150	160	180	200	250	340			
328.5	368.1	498.5	563.1	627.5	755.8	883.7	1202.6	1775.3	84	36	2.33
504.8	543.1	670.7	734.4	798.1	925.4	1052.6	1370.4	1942.3	48	20	2.40
390.8	429.7	558.7	622.9	686.9	814.7	942.3	1260.8	1833.2	72	30	2.40
	309.2	442.6	508.0	573.0	702.1	830.5	1150.1	1723.5	96	40	2.40
524.4	562.7	690.1	753.8	817.5	944.7	1071.9	1389.7	1961.4	44	18	2.44
543.9	582.2	709.5	773.2	836.8	964.0	1091.1	1408.9	1980.6	40	16	2.50
451.3	489.9	618.0	681.9	745.7	873.3	1000.7	1318.8	1890.9	60	24	2.50
			391.7	459.3	591.6	721.9	1043.9	1619.1	120	48	2.50
507.8	546.1	673.7	737.4	801.1	928.4	1055.6	1373.5	1945.4	48	19	2.53
563.4	601.6	728.9	792.5	856.1	983.2	1110.4	1428.1	1999.8	36	14	2.57
396.4	435.4	564.5	628.7	692.8	820.7	948.3	1266.9	1839.3	72	28	2.57
339.2	379.0	509.8	574.6	639.0	767.5	895.5	1214.6	1787.6	84	32	2.63
510.7	549.1	676.7	740.5	804.2	931.5	1058.7	1376.6	1948.5	48	18	2.67
218.0	319.6	453.6	519.2	584.3	713.6	842.2	1162.1	1735.7	96	36	2.67
457.1	495.7	623.9	687.9	751.7	879.3	1006.7	1324.9	1897.1	60	22	2.73
			402.1	470.0	602.6	733.1	1055.6	1631.1	120	44	2.73
530.4	568.7	696.2	759.9	823.6	950.8	1078.0	1395.9	1967.7	44	16	2.75
401.9	441.0	570.3	634.5	698.7	826.6	954.3	1273.0	1845.5	72	26	2.77
344.5	384.4	515.4	580.3	644.8	773.3	901.4	1220.7	1793.7	84	30	2.80
549.9	588.2	715.6	779.3	842.9	970.1	1097.3	1415.1	1986.9	40	14	2.86
460.0	498.6	626.9	690.8	754.7	882.3	1009.7	1328.0	1900.2	60	21	2.86
516.6	555.0	682.7	746.5	810.2	937.6	1064.8	1382.8	1954.7	48	16	3.00
462.8	501.5	629.8	693.8	757.7	885.3	1012.8	1331.0	1903.3	60	20	3.00
407.5	446.6	576.0	640.3	704.5	832.5	960.3	1279.0	1851.7	72	24	3.00
349.8	389.8	521.1	585.9	650.5	779.2	907.3	1226.7	1799.8	84	28	3.00
287.9	329.9	464.5	530.2	595.5	725.0	853.8	1174.0	1747.8	96	32	3.00
		342.0	412.4	480.5	613.6	744.4	1067.2	1643.0	120	40	3.00
536.3	574.6	702.2	765.9	829.6	956.9	1084.2	1402.0	1973.9	44	14	3.14
465.7	504.4	632.7	696.7	760.7	888.3	1015.8	1334.1	1906.4	60	19	3.16
292.9	335.0	469.9	535.8	601.1	730.7	859.6	1179.9	1753.9	96	30	3.20
355.1	395.2	526.6	591.6	656.3	785.0	913.2	1232.7	1805.9	84	26	3.23
413.0	452.2	581.7	646.1	710.3	838.5	966.3	1285.1	1857.8	72	22	3.27
468.5	507.2	635.7	699.7	763.6	891.3	1018.8	1337.2	1909.5	60	18	3.33
		351.9	422.6	491.0	624.5	755.5	1078.8	1655.0	120	36	3.33
522.5	560.9	688.7	752.5	816.3	943.6	1070.9	1388.9	1960.9	48	14	3.43
415.8	455.0	584.6	649.0	713.3	841.4	969.2	1288.1	1860.9	72	21	3.43
297.9	340.1	475.3	541.3	606.7	736.4	865.4	1185.8	1759.9	96	28	3.43
360.4	400.6	532.2	597.2	662.0	790.8	919.1	1238.7	1812.0	84	24	3.50
418.5	457.8	587.5	651.9	716.2	844.3	972.2	1291.1	1863.9	72	20	3.60
302.9	345.2	480.7	546.7	612.2	742.1	871.1	1191.7	1766.0	96	26	3.69
474.2	513.0	641.5	705.6	769.6	897.3	1024.8	1343.3	1915.6	60	16	3.75
		361.7	432.8	501.5	635.3	766.7	1090.4	1666.9	120	32	3.75
421.3	460.6	590.3	654.8	719.1	847.3	975.2	1294.1	1867.0	72	19	3.79
365.7	405.9	537.8	602.9	667.7	796.6	924.9	1244.6	1818.1	84	22	3.82
424.0	463.3	593.2	657.7	722.0	850.2	978.2	1297.2	1870.1	72	18	4.00
368.3	408.6	540.6	605.7	670.5	799.5	927.9	1247.6	1821.2	84	21	4.00
307.8	350.3	486.0	552.2	617.8	747.8	876.9	1197.6	1772.0	96	24	4.00
		366.6	437.9	506.7	640.7	772.2	1096.1	1672.8	120	30	4.00



# CENTRE DISTANCE TABLES H

Speed ratio	Number of grooves		Theoretical centre distance in mm									
	DriveR	DriveN	Belt code									
			240H	270H	300H	330H	360H	390H	420H	450H	480H	510H
			Number of teeth									
		48	54	60	66	72	78	84	90	96	102	
4.20	20	84								244.3	287.9	
4.29	14	60					200.2	242.3	283.0	323.1	362.7	401.9
4.29	28	120										
4.36	22	96									268.0	
4.42	19	84								246.7	290.4	
4.50	16	72						224.9	267.8	309.2	349.8	
4.57	21	96										
4.62	26	120										
4.67	18	84								249.1	292.9	
4.80	20	96										
5.00	24	120										
5.05	19	96										
5.14	14	72						183.0	229.7	272.9	314.4	355.1
5.25	16	84								253.9	297.9	
5.33	18	96										
5.45	22	120										
5.71	21	120										
6.00	14	84							210.8	258.7	302.9	
6.00	16	96									233.0	
6.00	20	120										
6.32	19	120										
6.67	18	120										
6.86	14	96									238.0	
7.50	16	120										
8.57	14	120										

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H



# CENTRE DISTANCE TABLES H

Theoretical centre distance in mm									Number of grooves		Speed ratio
Belt code									DriveN	DriveR	
570H	600H	700H	750H	800H	900H	1000H	1250H	1700H			
Number of teeth											
114	120	140	150	160	180	200	250	340			
370.9	411.3	543.3	608.5	673.3	802.3	930.8	1250.6	1824.2	84	20	4.20
479.9	518.7	647.4	711.5	775.5	903.3	1030.9	1349.3	1921.8	60	14	4.29
		371.5	443.0	511.9	646.2	777.8	1101.9	1678.8	120	28	4.29
312.7	355.4	491.4	557.7	623.3	753.5	882.6	1203.5	1778.1	96	22	4.36
373.5	413.9	546.1	611.3	676.2	805.2	933.7	1253.6	1827.2	84	19	4.42
429.5	468.9	598.9	663.4	727.8	856.1	984.1	1303.2	1876.2	72	16	4.50
315.2	357.9	494.1	560.4	626.1	756.3	885.5	1206.5	1781.1	96	21	4.57
		376.4	448.0	517.1	651.5	783.3	1107.6	1684.7	120	26	4.62
376.1	416.6	548.9	614.1	679.0	808.1	936.6	1256.6	1830.3	84	18	4.67
317.7	360.4	496.8	563.1	628.8	759.1	888.4	1209.4	1784.1	96	20	4.80
		381.3	453.1	522.3	656.9	788.8	1113.3	1690.7	120	24	5.00
320.1	363.0	499.4	565.8	631.6	761.9	891.3	1212.4	1787.1	96	19	5.05
435.0	474.4	604.5	669.2	733.6	862.0	990.0	1309.2	1882.3	72	14	5.14
381.4	421.9	554.4	619.7	684.7	813.9	942.5	1262.5	1836.4	84	16	5.25
322.6	365.5	502.1	568.5	634.4	764.7	894.1	1215.3	1790.1	96	18	5.33
		386.1	458.1	527.5	662.3	794.3	1119.1	1696.6	120	22	5.45
		388.6	460.6	530.1	665.0	797.1	1121.9	1699.5	120	21	5.71
386.6	427.2	559.9	625.3	690.3	819.6	948.3	1268.5	1842.4	84	14	6.00
327.5	370.5	507.4	574.0	639.9	770.4	899.8	1221.2	1796.1	96	16	6.00
		391.0	463.2	532.7	667.7	799.8	1124.8	1702.5	120	20	6.00
		393.4	465.7	535.2	670.3	802.6	1127.6	1705.4	120	19	6.32
		395.8	468.2	537.8	673.0	805.3	1130.5	1708.4	120	18	6.67
332.4	375.5	512.7	579.4	645.3	776.0	905.5	1227.0	1802.1	96	14	6.86
		400.7	473.2	543.0	678.4	810.8	1136.2	1714.3	120	16	7.50
		405.5	478.2	548.1	683.7	816.3	1141.9	1720.2	120	14	8.57



# CENTRE DISTANCE TABLES XH

Speed ratio	Number of grooves		Theoretical centre distance in mm					
	DriveR	DriveN	Belt code					
			507XH	560XH	630XH	700XH	770XH	840XH
			Number of teeth					
		58	64	72	80	88	96	
1.00	18	18	444.5	511.2	600.1	689.0	777.9	866.8
1.00	20	20	422.3	489.0	577.9	666.8	755.7	844.6
1.00	22	22	400.1	466.7	555.6	644.5	733.4	822.3
1.00	24	24	377.8	444.5	533.4	622.3	711.2	800.1
1.00	26	26	355.6	422.3	511.2	600.1	689.0	777.9
1.00	30	30	311.2	377.8	466.7	555.6	644.5	733.4
1.00	32	32	288.9	355.6	444.5	533.4	622.3	711.2
1.00	40	40			355.6	444.5	533.4	622.3
1.07	28	30	322.2	388.9	477.8	566.7	655.6	744.5
1.07	30	32	300.0	366.6	455.6	544.5	633.4	722.3
1.08	24	26	366.6	433.3	522.2	611.1	700.1	789.0
1.08	26	28	344.4	411.1	500.0	588.9	677.8	766.7
1.09	22	24	388.9	455.6	544.5	633.4	722.3	811.2
1.10	20	22	411.1	477.8	566.7	655.6	744.5	833.4
1.11	18	20	433.3	500.0	588.9	677.8	766.7	855.6
1.14	28	32	310.8	377.6	466.5	555.4	644.4	733.3
1.15	26	30	333.1	399.8	488.7	577.7	666.6	755.5
1.17	24	28	355.3	422.0	511.0	599.9	688.8	777.7
1.18	22	26	377.6	444.3	533.2	622.1	711.1	800.0
1.20	20	24	399.8	466.5	555.4	644.4	733.3	822.2
1.20	40	48				399.0	488.1	577.2
1.22	18	22	422.0	488.7	577.7	666.6	755.5	844.4
1.23	26	32	321.6	388.4	477.4	566.3	655.3	744.2
1.25	24	30	343.8	410.6	499.6	588.6	677.5	766.5
1.25	32	40		309.9	399.0	488.1	577.2	666.1
1.27	22	28	366.1	432.9	521.9	610.8	699.8	788.7
1.30	20	26	388.4	455.1	544.1	633.1	722.0	810.9
1.33	18	24	410.6	477.4	566.3	655.3	744.2	833.2
1.33	24	32	332.2	399.0	488.1	577.2	666.1	755.1
1.33	30	40		320.3	409.6	498.8	587.9	676.9
1.36	22	30	354.5	421.3	510.4	599.4	688.4	777.4
1.40	20	28	376.8	443.6	532.6	621.7	710.6	799.6
1.43	28	40	263.3	330.6	420.1	509.4	598.6	687.7
1.44	18	26	399.0	465.9	554.9	643.9	732.9	821.8
1.45	22	32	342.7	409.6	498.8	587.9	676.9	765.9
1.50	20	30	365.0	431.9	521.1	610.2	699.2	788.2
1.50	32	48			351.0	440.9	530.4	619.7
1.50	40	60					416.2	506.2
1.54	26	40	273.3	340.9	430.5	519.9	609.2	698.3
1.56	18	28	387.3	454.2	543.4	632.4	721.4	810.4
1.60	20	32	353.0	420.1	509.4	598.6	687.7	776.7
1.60	30	48			361.1	451.1	540.8	630.2
1.67	18	30	375.4	442.5	531.7	620.8	709.9	799.0
1.67	24	40	283.0	351.0	440.9	530.4	619.7	708.9
1.71	28	48		280.0	371.1	461.3	551.1	640.6
1.78	18	32	363.3	430.5	519.9	609.2	698.3	787.4
1.80	40	72						429.5
1.82	22	40	293.0	361.0	451.0	541.0	630.0	719.5

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XH

# CENTRE DISTANCE TABLES XH

Theoretical centre distance in mm						Number of grooves		Speed ratio
Belt code						DriveN	DriveR	
980XH	1120XH	1260XH	1400XH	1540XH	1750XH			
Number of teeth								
112	128	144	160	176	200			
1044.6	1222.4	1400.2	1578.0	1755.8	2022.5	18	18	1.00
1022.4	1200.2	1378.0	1555.8	1733.6	2000.3	20	20	1.00
1000.1	1177.9	1355.7	1533.5	1711.3	1978.0	22	22	1.00
977.9	1155.7	1333.5	1511.3	1689.1	1955.8	24	24	1.00
955.7	1133.5	1311.3	1489.1	1666.9	1933.6	26	26	1.00
911.2	1089.0	1266.8	1444.6	1622.4	1889.1	30	30	1.00
889.0	1066.8	1244.6	1422.4	1600.2	1866.9	32	32	1.00
800.1	977.9	1155.7	1333.5	1511.3	1778.0	40	40	1.00
922.3	1100.1	1277.9	1455.7	1633.5	1900.2	30	28	1.07
900.1	1077.9	1255.7	1433.5	1611.3	1878.0	32	30	1.07
966.8	1144.6	1322.4	1500.2	1678.0	1944.7	26	24	1.08
944.5	1122.3	1300.1	1477.9	1655.7	1922.4	28	26	1.08
989.0	1166.8	1344.6	1522.4	1700.2	1966.9	24	22	1.09
1011.2	1189.0	1366.8	1544.6	1722.4	1989.1	22	20	1.10
1033.4	1211.2	1389.0	1566.8	1744.6	2011.4	20	18	1.11
911.1	1088.9	1266.7	1444.6	1622.4	1889.1	32	28	1.14
933.3	1111.2	1289.0	1466.8	1644.6	1911.3	30	26	1.15
955.6	1133.4	1311.2	1489.0	1666.8	1933.5	28	24	1.17
977.8	1155.6	1333.4	1511.2	1689.0	1955.7	26	22	1.18
1000.0	1177.8	1355.7	1533.5	1711.3	1978.0	24	20	1.20
755.1	933.0	1110.9	1288.7	1466.6	1733.3	48	40	1.20
1022.3	1200.1	1377.9	1555.7	1733.5	2000.2	22	18	1.22
922.1	1099.9	1277.8	1455.6	1633.4	1900.1	32	26	1.23
944.3	1122.2	1300.0	1477.8	1655.6	1922.3	30	24	1.25
844.1	1022.0	1199.8	1377.7	1555.5	1822.2	40	32	1.25
966.6	1144.4	1322.2	1500.0	1677.9	1944.6	28	22	1.27
988.8	1166.6	1344.4	1522.3	1700.1	1966.8	26	20	1.30
1011.0	1188.8	1366.7	1544.5	1722.3	1989.0	24	18	1.33
933.0	1110.9	1288.7	1466.6	1644.4	1911.1	32	24	1.33
854.9	1032.9	1210.7	1388.6	1566.5	1833.2	40	30	1.33
955.3	1133.1	1311.0	1488.8	1666.6	1933.4	30	22	1.36
977.5	1155.4	1333.2	1511.0	1688.9	1955.6	28	20	1.40
865.7	1043.7	1221.6	1399.5	1577.4	1844.2	40	28	1.43
999.7	1177.6	1355.4	1533.3	1711.1	1977.8	26	18	1.44
943.9	1121.8	1299.7	1477.5	1655.4	1922.1	32	22	1.45
966.1	1144.0	1321.9	1499.8	1677.6	1944.4	30	20	1.50
798.1	976.3	1154.3	1332.3	1510.2	1777.1	48	32	1.50
685.3	863.9	1042.2	1220.3	1398.4	1665.4	60	40	1.50
876.5	1054.5	1232.5	1410.4	1588.3	1855.1	40	26	1.54
988.4	1166.3	1344.1	1522.0	1699.8	1966.6	28	18	1.56
954.7	1132.7	1310.6	1488.5	1666.3	1933.1	32	20	1.60
808.7	987.0	1165.1	1343.1	1521.1	1788.0	48	30	1.60
977.0	1154.9	1332.8	1510.7	1688.6	1955.3	30	18	1.67
887.2	1065.3	1243.3	1421.3	1599.2	1866.0	40	24	1.67
819.3	997.6	1175.8	1353.9	1531.9	1798.8	48	28	1.71
965.5	1143.5	1321.5	1499.4	1677.3	1944.1	32	18	1.78
611.8	792.0	971.3	1150.1	1328.7	1596.2	72	40	1.80
897.9	1076.0	1254.1	1432.1	1610.1	1876.9	40	22	1.82



XH

# CENTRE DISTANCE TABLES XH

Speed ratio	Number of grooves		Theoretical centre distance in mm					
	DriveR	DriveN	Belt code					
			507XH	560XH	630XH	700XH	770XH	840XH
			Number of teeth					
		58	64	72	80	88	96	
1.85	26	48		289.5	381.0	471.4	561.3	651.0
1.88	32	60				364.3	455.9	546.6
2.00	20	40	302.8	371.1	461.3	551.1	640.6	730.0
2.00	24	48		299.0	390.8	481.4	571.5	661.3
2.00	30	60						556.6
2.10	40	84						
2.14	28	60				383.2	475.4	566.5
2.18	22	48		308.0	400.6	491.4	581.7	671.6
2.22	18	40	312.0	381.0	471.4	561.3	651.0	740.4
2.25	32	72						467.4
2.31	26	60				392.0	485.0	576.4
2.40	20	48		318.0	410.3	501.4	591.8	681.8
2.40	30	72					381.9	476.7
2.40	40	96						
2.50	24	60				401.9	494.7	586.2
2.57	28	72					391.0	486.0
2.63	32	84						
2.67	18	48	255.4	327.1	419.9	511.2	601.8	691.9
2.73	22	60			315.4	411.2	504.3	596.0
2.77	26	72					399.8	495.3
2.80	30	84						
3.00	20	60			324.2	420.5	513.8	605.7
3.00	24	72					408.7	504.6
3.00	28	84						
3.00	32	96						
3.00	40	120						
3.20	30	96						
3.23	26	84						
3.27	22	72					417.6	513.8
3.33	18	60			333.0	429.7	523.3	615.4
3.43	28	96						
3.50	24	84						410.5
3.60	20	72					426.4	522.9
3.69	26	96						
3.75	32	120						
3.82	22	84						419.0
4.00	18	72				332.4	435.2	532.1
4.00	24	96						
4.00	30	120						
4.20	20	84						427.5
4.29	28	120						
4.36	22	96						
4.62	26	120						
4.67	18	84						435.9
4.80	20	96						
5.00	24	120						
5.33	18	96						
5.45	22	120						

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XH

# CENTRE DISTANCE TABLES XH

Theoretical centre distance in mm						Number of grooves		Speed ratio
Belt code						DriveN	DriveR	
980XH	1120XH	1260XH	1400XH	1540XH	1750XH			
Number of teeth								
112	128	144	160	176	200			
829.8	1008.2	1186.5	1364.6	1542.7	1809.7	48	26	1.85
726.7	905.8	1084.5	1262.9	1441.2	1708.5	60	32	1.88
908.5	1086.7	1264.8	1442.9	1620.9	1887.8	40	20	2.00
840.3	1018.8	1197.1	1375.3	1553.4	1820.5	48	24	2.00
736.9	916.2	1095.0	1273.5	1451.9	1719.2	60	30	2.00
532.7	716.5	897.7	1077.8	1257.2	1525.6	84	40	2.10
747.1	926.5	1105.4	1284.1	1462.5	1729.8	60	28	2.14
850.7	1029.4	1207.8	1386.0	1564.2	1831.3	48	22	2.18
919.0	1097.4	1275.6	1453.7	1631.7	1898.6	40	18	2.22
651.3	832.5	1012.4	1191.7	1370.6	1638.5	72	32	2.25
757.2	936.8	1115.9	1294.6	1473.1	1740.5	60	26	2.31
861.1	1039.9	1218.3	1396.7	1574.9	1842.0	48	20	2.40
661.1	842.5	1022.7	1202.1	1381.1	1649.1	72	30	2.40
	635.6	820.5	1002.7	1183.5	1453.3	96	40	2.40
767.3	947.1	1126.3	1305.1	1483.6	1751.1	60	24	2.50
670.8	852.5	1032.8	1212.4	1391.5	1659.6	72	28	2.57
570.1	755.4	937.6	1118.3	1298.2	1567.2	84	32	2.63
871.4	1050.3	1228.9	1407.3	1585.5	1852.7	48	18	2.67
777.3	957.3	1136.6	1315.5	1494.1	1761.8	60	22	2.73
680.5	862.5	1043.0	1222.6	1401.8	1670.1	72	26	2.77
579.4	765.0	947.5	1128.4	1308.4	1577.5	84	30	2.80
787.4	967.5	1147.0	1325.9	1504.6	1772.3	60	20	3.00
690.2	872.4	1053.1	1232.9	1412.2	1680.5	72	24	3.00
588.6	774.6	957.3	1138.4	1318.6	1587.8	84	28	3.00
478.8	672.7	859.0	1042.1	1223.6	1494.1	96	32	3.00
		648.4	840.9	1027.6	1302.6	120	40	3.00
487.5	681.9	868.5	1051.9	1233.6	1504.3	96	30	3.20
597.9	784.2	967.2	1148.4	1328.7	1598.1	84	26	3.23
699.8	882.3	1063.2	1243.1	1422.5	1691.0	72	22	3.27
797.3	977.7	1157.3	1336.3	1515.1	1782.9	60	18	3.33
496.1	691.1	878.1	1061.7	1243.5	1514.4	96	28	3.43
607.0	793.8	977.0	1158.4	1338.9	1608.4	84	24	3.50
709.4	892.2	1073.2	1253.3	1432.8	1701.4	72	20	3.60
504.7	700.3	887.6	1071.4	1253.4	1524.5	96	26	3.69
		683.5	877.6	1065.4	1341.7	120	32	3.75
616.2	803.3	986.8	1168.4	1349.0	1618.7	84	22	3.82
719.0	902.0	1083.3	1263.5	1443.1	1711.8	72	18	4.00
513.3	709.4	897.0	1081.1	1263.3	1534.6	96	24	4.00
		692.2	886.8	1074.9	1351.4	120	30	4.00
625.3	812.8	996.5	1178.3	1359.1	1628.9	84	20	4.20
		700.9	895.9	1084.3	1361.1	120	28	4.29
521.8	718.5	906.5	1090.8	1273.2	1544.6	96	22	4.36
		709.6	905.0	1093.6	1370.8	120	26	4.62
634.4	822.3	1006.3	1188.3	1369.1	1639.1	84	18	4.67
530.4	727.6	915.9	1100.5	1283.0	1554.7	96	20	4.80
		718.2	914.1	1103.0	1380.4	120	24	5.00
538.9	736.7	925.3	1110.1	1292.8	1564.7	96	18	5.33
		726.9	923.1	1112.3	1390.1	120	22	5.45



# CENTRE DISTANCE TABLES XH

Speed ratio	Number of grooves		Theoretical centre distance in mm					
	DriveR	DriveN	Belt code					
			507XH	560XH	630XH	700XH	770XH	840XH
			Number of teeth					
			58	64	72	80	88	96
6.00	20	120						
6.67	18	120						

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XH

# CENTRE DISTANCE TABLES XH

Theoretical centre distance in mm						Number of grooves		Speed ratio
Belt code						DriveN	DriveR	
980XH	1120XH	1260XH	1400XH	1540XH	1750XH			
Number of teeth								
112	128	144	160	176	200			
	518.3	735.5	932.2	1121.7	1399.7	120	20	6.00
	526.3	744.1	941.2	1131.0	1409.3	120	18	6.67

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XH

# CENTRE DISTANCE TABLES XXH

Speed ratio	Number of grooves		Theoretical centre distance in mm							
	DriveR	DriveN	Belt code							
			700XXH	800XXH	900XXH	1000XXH	1200XXH	1400XXH	1600XXH	1800XXH
			Number of teeth							
			56	64	72	80	96	112	128	144
1.00	18	18	603.3	730.3	857.3	984.3	1238.3	1492.3	1746.3	2000.3
1.00	20	20	571.5	698.5	825.5	952.5	1206.5	1460.5	1714.5	1968.5
1.00	22	22	539.8	666.8	793.8	920.8	1174.8	1428.8	1682.8	1936.8
1.00	24	24	508.0	635.0	762.0	889.0	1143.0	1397.0	1651.0	1905.0
1.00	26	26	476.3	603.3	730.3	857.3	1111.3	1365.3	1619.3	1873.3
1.00	30	30	412.8	539.8	666.8	793.8	1047.8	1301.8	1555.8	1809.8
1.00	34	34		476.3	603.3	730.3	984.3	1238.3	1492.3	1746.3
1.00	40	40			508.0	635.0	889.0	1143.0	1397.0	1651.0
1.08	24	26	492.0	619.0	746.1	873.1	1127.1	1381.1	1635.1	1889.1
1.09	22	24	523.8	650.8	777.8	904.8	1158.8	1412.8	1666.8	1920.8
1.10	20	22	555.5	682.6	809.6	936.6	1190.6	1444.6	1698.6	1952.6
1.11	18	20	587.3	714.3	841.3	968.3	1222.3	1476.3	1730.3	1984.3
1.13	30	34	380.5	507.6	634.7	761.7	1015.8	1269.8	1523.9	1777.9
1.15	26	30	444.0	571.1	698.2	825.3	1079.3	1333.3	1587.4	1841.4
1.18	22	26	507.6	634.7	761.7	888.8	1142.8	1396.9	1650.9	1904.9
1.18	34	40		427.5	554.8	682.0	936.1	1190.2	1444.3	1698.4
1.20	20	24	539.4	666.4	793.5	920.5	1174.6	1428.6	1682.6	1936.6
1.20	40	48				570.1	824.5	1078.7	1332.9	1587.0
1.22	18	22	571.1	698.2	825.3	952.3	1206.3	1460.4	1714.4	1968.4
1.25	24	30	459.4	586.6	713.7	840.8	1095.0	1349.0	1603.1	1857.1
1.30	20	26	523.0	650.2	777.3	904.4	1158.5	1412.5	1666.6	1920.6
1.31	26	34	410.8	538.2	665.5	792.7	1047.0	1301.1	1555.2	1809.3
1.33	18	24	554.8	682.0	809.1	936.1	1190.2	1444.3	1698.4	1952.4
1.33	30	40		457.6	585.2	712.6	967.1	1221.3	1475.5	1729.6
1.36	22	30	474.5	601.9	729.1	856.3	1110.5	1364.7	1618.7	1872.8
1.41	34	48			487.0	615.1	870.2	1124.9	1379.3	1633.6
1.42	24	34	425.6	553.3	680.7	808.0	1062.4	1316.7	1570.8	1824.9
1.44	18	26	538.2	665.5	792.7	919.9	1174.1	1428.2	1682.3	1936.3
1.50	20	30	489.5	617.1	744.4	871.7	1126.0	1380.2	1634.3	1888.4
1.50	40	60					723.2	979.0	1234.1	1488.8
1.54	26	40	358.1	487.0	615.1	742.8	997.6	1252.1	1506.5	1760.7
1.55	22	34	440.3	568.3	695.9	823.3	1077.8	1332.1	1586.3	1840.5
1.60	30	48			515.8	644.4	900.3	1155.3	1409.9	1664.4
1.67	18	30	504.4	632.1	759.6	886.9	1141.4	1395.7	1649.9	1904.0
1.67	24	40	372.2	501.5	629.8	757.7	1012.8	1267.4	1521.9	1776.2
1.70	20	34	454.9	583.1	710.9	838.4	1093.1	1347.5	1601.8	1856.0
1.76	34	60				506.7	766.6	1023.4	1279.1	1534.2
1.80	40	72					613.6	874.0	1131.4	1387.6
1.82	22	40	386.1	515.8	644.4	772.5	1027.8	1282.6	1537.2	1791.6
1.85	26	48		413.6	544.2	673.4	930.0	1185.4	1440.3	1695.0
1.89	18	34	469.3	597.8	725.7	853.4	1108.3	1362.9	1617.2	1871.5
2.00	20	40	399.9	530.1	659.0	787.3	1042.8	1297.8	1552.5	1806.9
2.00	24	48		427.2	558.3	687.8	944.7	1200.4	1455.4	1710.2
2.00	30	60				534.0	795.1	1052.7	1308.8	1564.3
2.12	34	72					654.2	916.4	1174.9	1431.7
2.18	22	48		440.6	572.2	702.0	959.4	1215.3	1470.5	1725.4
2.22	18	40	413.6	544.2	673.4	801.9	1057.8	1312.9	1567.7	1822.2
2.25	40	90						700.0	966.9	1228.0

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XXH



# CENTRE DISTANCE TABLES XXH

Speed ratio	Number of grooves		Theoretical centre distance in mm							
	DriveR	DriveN	Belt code							
			700XXH	800XXH	900XXH	1000XXH	1200XXH	1400XXH	1600XXH	1800XXH
			Number of teeth							
			56	64	72	80	96	112	128	144
2.31	26	60				560.8	823.4	1081.7	1338.3	1594.1
2.40	20	48		454.0	586.1	716.2	974.0	1230.1	1485.5	1740.5
2.40	30	72					681.0	944.4	1203.6	1460.9
2.50	24	60			438.0	574.2	837.4	1096.1	1353.0	1609.0
2.65	34	90						738.9	1007.8	1270.1
2.67	18	48		467.3	599.9	730.3	988.5	1244.9	1500.5	1755.6
2.73	22	60			450.6	587.5	851.4	1110.5	1367.6	1623.8
2.77	26	72					707.6	972.2	1232.1	1490.0
3.00	20	60			463.2	600.7	865.3	1124.8	1382.2	1638.5
3.00	24	72					720.8	986.0	1246.3	1504.4
3.00	30	90						764.6	1034.8	1297.9
3.27	22	72					733.9	999.8	1260.5	1518.8
3.33	18	60			475.7	613.8	879.1	1139.0	1396.7	1653.2
3.46	26	90						790.1	1061.6	1325.6
3.60	20	72					747.0	1013.5	1274.6	1533.2
3.75	24	90						802.8	1075.0	1339.4
4.00	18	72				474.8	760.1	1027.2	1288.6	1547.5
4.09	22	90						815.5	1088.3	1353.1
4.50	20	90						828.1	1101.6	1366.8
5.00	18	90						840.7	1114.8	1380.5

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XXH

# 2MGT POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley														
	10	12	14	16	18	22	26	30	34	38	44	46	62	72	80
	Pulley pitch diameter in mm														
	6.37	7.64	8.91	10.19	11.46	14.01	16.55	19.10	21.65	24.19	28.01	29.28	39.47	45.84	50.93
10	1.22	1.50	1.78	2.05	2.32	2.85	3.37	3.88	4.38	4.87	5.60	5.84	7.73	8.87	9.77
40	4.08	5.04	5.99	6.92	7.83	9.62	11.37	13.09	14.77	16.42	18.86	19.66	25.91	29.69	32.65
60	5.76	7.14	8.49	9.81	11.11	13.66	16.14	18.57	20.95	23.29	26.74	27.87	36.67	41.98	46.15
100	8.86	11.01	13.10	15.16	17.18	21.13	24.97	28.72	32.40	36.00	41.30	43.03	56.52	64.63	70.97
200	15.70	19.59	23.39	27.10	30.74	37.83	44.70	51.40	57.94	64.34	73.72	76.80	100.54	114.75	125.82
300	21.78	27.27	32.61	37.82	42.92	52.85	62.46	71.79	80.90	89.80	102.81	107.06	139.85	159.39	174.58
400	27.37	34.35	41.13	47.75	54.22	66.79	78.93	90.71	102.18	113.37	129.72	135.05	176.09	200.47	219.39
500	32.59	40.99	49.14	57.09	64.85	79.91	94.44	108.52	122.21	135.55	155.01	161.36	210.06	238.91	261.26
600	37.52	47.28	56.75	65.96	74.96	92.40	109.19	125.45	141.24	156.62	179.01	186.31	242.21	275.24	300.78
800	46.68	59.02	70.98	82.60	93.93	115.84	136.89	157.23	176.95	196.11	223.96	233.02	302.19	342.88	374.25
1000	55.11	69.89	84.18	98.06	111.57	137.66	162.68	186.81	210.15	232.81	265.67	276.35	357.61	405.21	441.81
1200	62.95	80.05	96.57	112.58	128.16	158.19	186.95	214.62	241.36	267.28	304.80	316.97	409.38	463.31	504.67
1400	70.30	89.63	108.27	126.33	143.87	177.65	209.95	240.98	270.92	299.90	341.78	355.36	458.12	517.87	563.59
1600	77.24	98.70	119.39	139.40	158.84	196.20	231.86	266.08	299.05	330.93	376.92	391.81	504.26	569.40	619.14
1800	83.81	107.34	130.00	151.90	173.14	213.94	252.82	290.09	325.95	360.57	410.45	426.58	548.11	618.28	671.72
2000	90.06	115.59	140.15	163.87	186.86	230.97	272.95	313.12	351.73	388.97	442.55	459.86	589.93	664.78	721.66
2400	101.71	131.08	159.27	186.47	212.78	263.16	310.98	356.63	400.41	442.54	502.98	522.47	668.23	751.55	814.58
2800	112.39	145.39	177.03	207.50	236.94	293.20	346.47	397.21	445.76	492.37	559.08	580.54	740.36	831.10	899.41
3200	122.23	158.71	193.62	227.20	259.60	321.40	379.78	435.27	488.25	539.00	611.46	634.72	807.17	904.40	977.24
3600	131.35	171.14	209.19	245.72	280.95	347.99	411.19	471.13	528.23	582.83	660.57	685.48	869.27	972.17	1048.84
4000	139.81	182.80	223.84	263.21	301.12	373.15	440.90	505.01	565.97	624.14	706.75	733.17	927.16	1034.96	1114.83
5000	158.54	209.03	257.07	303.02	347.14	430.64	508.76	582.31	651.89	717.94	811.14	840.78	1055.75	1172.78	1258.10
6000	174.33	231.72	286.18	338.12	387.85	481.61	568.88	650.63	727.56	800.20	902.01	934.20	1164.42	1286.76	1374.16
8000	198.93	268.72	334.58	397.07	456.59	567.96	670.56	765.65	854.17	936.78	1050.77	1086.32	1331.95	1454.14	1536.22
10000	216.14	296.83	372.58	444.08	511.84	637.65	752.30	857.36	953.93	1042.83	1163.16	1200.03	1442.62	1550.91	1615.21
12000	227.43	317.80	402.21	481.48	556.20	693.82	817.78	929.90	1031.45	1123.39	1244.74	1281.04	1502.85	1583.38	1616.98
14000	233.79	332.82	424.84	510.79	591.39	738.53	869.35	985.91	1089.63	1181.53	1298.83	1332.72	1515.93	1554.21	1543.33

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GT3

Belt width correction factors				
Belt width (mm)	3	6	9	12
Width factors	0.30	0.62	1.00	1.45

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6개 미만인 경우에는 조정이 필요합니다. - 26 페이지 참조

# 3MGT POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley												
	16	18	22	26	30	34	38	44	52	56	62	72	80
	Pulley pitch diameter in mm												
	15.28	17.19	21.01	24.83	28.65	32.47	36.29	42.02	49.66	53.48	59.21	68.75	76.39
20	7	8	10	12	14	16	18	21	25	26	29	34	38
40	12	14	18	22	26	29	33	39	46	49	55	63	70
60	17	20	26	31	37	42	48	55	66	71	78	91	101
100	27	32	41	49	58	66	75	87	103	111	123	143	158
200	49	57	74	90	106	122	137	160	190	205	227	262	291
300	69	81	105	128	151	173	195	228	270	291	322	373	413
400	88	103	134	164	193	222	250	292	347	374	413	479	530
500	105	124	162	198	234	268	303	354	420	452	501	579	641
600	122	145	188	231	273	314	354	413	491	529	585	677	749
700	139	164	214	263	310	357	403	471	559	603	667	772	854
800	155	183	239	294	347	400	451	527	626	675	747	864	956
900	170	202	264	324	383	441	498	582	692	745	825	954	1055
1000	185	220	288	354	419	482	545	636	756	814	901	1042	1153
1200	214	255	334	411	487	561	634	741	880	948	1049	1214	1342
1400	242	288	379	467	553	638	721	842	1001	1078	1193	1379	1525
1450	248	296	390	481	569	656	742	867	1030	1110	1228	1420	1570
1600	268	320	422	521	617	712	805	941	1117	1204	1332	1540	1702
1750	288	344	453	560	664	766	866	1013	1203	1296	1433	1657	1831
1800	294	351	464	573	680	784	886	1036	1231	1326	1467	1695	1874
2000	319	382	504	624	740	854	966	1130	1342	1446	1599	1847	2041
2400	366	440	583	722	858	990	1120	1310	1556	1676	1853	2139	2362
2800	411	495	658	816	970	1121	1268	1483	1761	1897	2096	2419	2668
3200	454	547	730	906	1078	1246	1410	1650	1959	2109	2330	2685	2960
3600	495	598	799	994	1183	1367	1548	1810	2149	2313	2554	2941	3239
4000	534	647	866	1078	1284	1485	1681	1966	2332	2510	2770	3186	3505
6000	709	866	1171	1465	1749	2024	2290	2675	3163	3396	3733	4262	4653
8000	858	1056	1438	1805	2156	2495	2820	3284	3861	4131	4514	5090	5493
10000	985	1221	1674	2106	2516	2907	3279	3801	4431	4717	5109		
12000	1096	1366	1884	2371	2831	3264	3670	4226	4870				
14000	1191	1493	2068	2605	3104	3567	3992	4557					

Belt width correction factors							
Belt width (mm)	3	6	9	12	15	20	25
Width factors	0.30	0.62	1.00	1.45	1.89	2.64	3.38

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# 5MGT POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley														
	18	20	22	24	26	28	32	36	40	44	48	56	64	72	80
	Pulley pitch diameter in mm														
	28.65	31.83	35.01	38.20	41.38	44.56	50.93	57.30	63.66	70.03	76.39	89.13	101.86	114.59	127.32
20	12	14	17	19	21	24	28	33	37	42	46	55	64	73	82
40	22	27	31	36	40	45	54	62	71	80	88	105	122	139	155
60	32	38	45	52	58	65	77	90	103	115	128	153	177	201	225
100	50	60	71	81	92	102	123	144	164	184	204	244	283	322	361
200	90	111	131	151	171	190	230	269	307	346	384	459	534	608	681
300	127	157	186	215	244	273	330	387	443	499	554	664	772	879	985
400	162	201	239	277	315	352	427	501	574	647	719	861	1002	1142	1280
500	195	243	290	337	383	429	521	611	701	790	879	1054	1226	1397	1567
600	227	283	339	394	449	504	612	719	825	931	1035	1242	1446	1648	1847
700	258	322	387	450	514	577	701	825	947	1068	1188	1426	1661	1893	2123
800	288	361	433	505	577	648	789	928	1066	1203	1339	1608	1873	2135	2394
1000	345	434	524	612	700	787	960	1131	1300	1468	1634	1963	2288	2608	2925
1200	399	505	611	715	819	922	1126	1328	1527	1725	1922	2309	2692	3069	3442
1400	451	574	695	815	934	1053	1288	1520	1750	1977	2203	2648	3087	3520	3947
1450	464	590	715	840	963	1085	1328	1567	1805	2039	2272	2732	3185	3631	4071
1600	502	640	777	912	1047	1181	1446	1708	1967	2224	2478	2980	3474	3961	4441
1750	538	688	837	984	1130	1275	1563	1847	2128	2406	2682	3225	3760	4286	4805
1800	550	704	856	1008	1158	1307	1602	1893	2181	2466	2749	3306	3854	4394	4925
2000	597	767	934	1101	1266	1430	1754	2075	2391	2705	3015	3627	4227	4818	5399
2400	688	887	1085	1282	1476	1669	2052	2429	2802	3170	3534	4251	4954	5644	6319
2800	773	1003	1231	1456	1680	1902	2340	2773	3200	3622	4038	4857	5657	6439	7203
3200	855	1114	1371	1625	1877	2127	2621	3108	3587	4061	4528	5444	6336	7205	8051
3600	933	1221	1506	1789	2069	2346	2894	3433	3965	4488	5003	6012	6992	7941	8861
4000	1008	1325	1638	1948	2255	2560	3161	3751	4332	4904	5466	6563	7624	8648	9633
5000	1182	1569	1951	2328	2702	3071	3799	4512	5210	5895	6565	7862	9099	10274	
6000	1341	1795	2243	2685	3121	3552	4399	5226	6032	6817	7581	9043	10414		
8000	1618	2199	2770	3333	3886	4430	5491	6514	7499	8444	9348				
10000	1845	2544	3228	3898	4554	5195	6432	7607	8716	9756	10721				
12000	2026	2831	3617	4381	5123	5843	7214	8487							
14000	2160	3062	3934	4777	5588	6367	7821								

## Belt width correction factors

Belt width (mm)

6	9	12	15	20	25	30
0.62	1.00	1.45	1.89	2.64	3.38	4.13

Width factors

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# 8MGT POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley															
	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80
	Pulley pitch diameter in mm															
	56.02	61.12	66.21	71.30	76.39	81.49	86.58	91.67	96.77	101.86	112.05	122.23	142.60	162.97	183.35	203.72
10	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.15	0.17	0.20	0.23	0.26	0.29
20	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.23	0.24	0.26	0.29	0.32	0.38	0.45	0.51	0.57
50	0.27	0.30	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.61	0.69	0.76	0.91	1.06	1.21	1.35
100	0.50	0.58	0.65	0.73	0.80	0.88	0.95	1.02	1.10	1.17	1.32	1.46	1.75	2.03	2.32	2.60
200	0.95	1.10	1.24	1.38	1.53	1.67	1.81	1.95	2.10	2.24	2.52	2.80	3.35	3.90	4.45	5.00
300	1.38	1.59	1.80	2.01	2.22	2.43	2.64	2.85	3.06	3.26	3.68	4.09	4.90	5.71	6.51	7.31
400	1.79	2.07	2.34	2.62	2.90	3.17	3.45	3.72	3.99	4.26	4.81	5.34	6.41	7.47	8.53	9.57
500	2.19	2.53	2.88	3.22	3.56	3.90	4.24	4.58	4.91	5.25	5.91	6.58	7.90	9.21	10.50	11.79
600	2.58	2.99	3.40	3.81	4.21	4.61	5.02	5.42	5.82	6.21	7.01	7.80	9.36	10.91	12.45	13.98
720	3.04	3.53	4.01	4.50	4.98	5.46	5.93	6.41	6.88	7.36	8.30	9.23	11.09	12.93	14.76	16.57
800	3.35	3.88	4.42	4.95	5.48	6.01	6.54	7.06	7.59	8.11	9.15	10.18	12.23	14.26	16.27	18.27
1000	4.09	4.75	5.41	6.07	6.73	7.38	8.03	8.68	9.32	9.97	11.25	12.52	15.04	17.54	20.01	22.46
1200	4.82	5.60	6.39	7.17	7.95	8.72	9.49	10.26	11.03	11.79	13.31	14.81	17.80	20.75	23.68	26.57
1460	5.74	6.69	7.63	8.57	9.50	10.43	11.36	12.28	13.20	14.11	15.93	17.74	21.32	24.85	28.34	31.78
1600	6.23	7.26	8.29	9.31	10.33	11.34	12.35	13.35	14.35	15.35	17.33	19.29	23.18	27.02	30.80	34.54
1800	6.92	8.07	9.22	10.36	11.49	12.62	13.75	14.87	15.98	17.09	19.30	21.49	25.81	30.07	34.27	38.40
2000	7.59	8.87	10.13	11.39	12.64	13.89	15.13	16.36	17.59	18.81	21.24	23.65	28.40	33.08	37.67	42.18
2400	8.92	10.43	11.93	13.42	14.90	16.37	17.84	19.30	20.75	22.19	25.05	27.88	33.46	38.93	44.27	49.49
2800	10.22	11.96	13.69	15.40	17.11	18.80	20.49	22.16	23.83	25.48	28.76	32.00	38.36	44.56	50.59	56.44
2920	10.60	12.41	14.20	15.99	17.76	19.52	21.27	23.01	24.74	26.45	29.86	33.21	39.80	46.21	52.43	58.45
3500	12.42	14.55	16.67	18.77	20.85	22.92	24.98	27.02	29.04	31.05	35.02	38.93	46.54	53.88		
4000	13.94	16.34	18.73	21.10	23.45	25.77	28.08	30.37	32.63	34.88	39.30	43.65	52.06			
4500	15.42	18.09	20.74	23.37	25.97	28.54	31.09	33.61	36.10	38.57	43.42	48.16				
5000	16.86	19.79	22.70	25.57	28.42	31.23	34.00	36.75	39.46	42.13	47.37	52.46				
5500	18.26	21.45	24.60	27.72	30.79	33.83	36.82	39.77	42.68	45.55	51.14					

Belt width correction factors				
Belt width (mm)	20	30	50	85
Width factors	1.00	1.57	2.73	4.75

굵은체 숫자는 표준 폭을 나타냅니다.

Belt length correction factors					
Belt length (mm)	384-600	640-880	960-1200	1280-1760	1800-4400
Length factors	0.8	0.9	1.0	1.1	1.2

동력 전달 능력은 표준 제품 기준입니다.  
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# 14MGT POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley												
	28	30	32	34	36	38	40	44	48	56	64	72	80
	Pulley pitch diameter in mm												
	124.78	133.69	142.60	151.52	160.43	169.34	178.25	196.08	213.90	249.55	285.21	320.86	356.51
10	0.45	0.50	0.53	0.57	0.61	0.65	0.68	0.76	0.84	0.98	1.12	1.27	1.41
20	0.86	0.92	1.00	1.08	1.14	1.22	1.29	1.43	1.57	1.85	2.12	2.40	2.66
60	2.31	2.51	2.71	2.90	3.10	3.30	3.49	3.88	4.26	5.02	5.78	6.51	7.25
100	3.64	3.96	4.28	4.60	4.91	5.21	5.53	6.15	6.75	7.96	9.15	10.33	11.50
200	6.74	7.34	7.93	8.53	9.11	9.69	10.27	11.43	12.56	14.83	17.05	19.24	21.41
300	9.63	10.48	11.34	12.20	13.04	13.88	14.72	16.38	18.02	21.26	24.45	27.60	30.71
400	12.38	13.50	14.60	15.70	16.80	17.89	18.96	21.11	23.23	27.42	31.54	35.60	39.59
500	15.03	16.39	17.74	19.09	20.42	21.75	23.07	25.67	28.26	33.36	38.37	43.30	48.15
600	17.59	19.20	20.79	22.36	23.94	25.50	27.04	30.12	33.14	39.13	44.99	50.75	56.42
720	20.58	22.46	24.33	26.19	28.04	29.87	31.68	35.29	38.84	45.84	52.70	59.41	66.01
800	22.53	24.60	26.64	28.68	30.70	32.71	34.71	38.65	42.55	50.20	57.70	65.03	72.22
1000	27.25	29.77	32.25	34.73	37.18	39.62	42.03	46.82	51.52	60.76	69.77	78.54	87.09
1200	31.79	34.74	37.65	40.55	43.42	46.27	49.08	54.66	60.14	70.86	81.26	91.32	101.08
1460	37.47	40.95	44.41	47.82	51.21	54.55	57.87	64.42	70.83	83.31	95.34	106.87	117.92
1600	40.43	44.19	47.92	51.60	55.25	58.86	62.44	69.48	76.36	89.73	102.52	114.72	126.32
1800	44.54	48.70	52.80	56.87	60.87	64.85	68.76	76.47	83.99	98.51	112.28	125.29	
2000	48.54	53.08	57.54	61.96	66.32	70.62	74.87	83.20	91.30	106.83	121.44		
2400	56.19	61.42	66.58	71.67	76.66	81.58	86.42	95.84	104.94	122.12			
2800	63.39	69.28	75.05	80.72	86.27	91.73	97.06	107.38	117.23				
2920	65.46	71.53	77.48	83.31	89.02	94.61	100.07	110.62	120.64				
3500	74.95	81.81	88.50	95.01	101.33	107.47	113.42						
4000	82.38	89.80	96.99	103.93									
4500	89.10	96.95											

## Belt width correction factors

Belt width (mm)	40	55	85	115	170
Width factors	1	1.5	2.5	3.5	5.32

굵은체 숫자는 표준 폭을 나타냅니다.

## Belt length correction factors

Belt length (mm)	966-1190	1400-1610	1778-1890	2100-2450	2590-3360	3500-6860
Length factors	0.8	0.9	0.95	1.0	1.05	1.1

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# 3M POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley														
	10	12	14	16	18	20	24	28	32	40	48	56	64	72	80
	Pulley pitch diameter in mm														
	9.55	11.46	13.37	15.28	17.19	19.10	22.92	26.74	30.56	38.20	45.84	53.48	61.12	68.75	76.39
20	1	1	1	1	2	2	2	3	3	4	6	7	8	8	9
40	2	2	2	3	3	3	4	5	6	9	11	13	15	17	19
60	2	3	3	4	5	5	7	8	10	13	17	20	23	25	28
100	4	5	6	7	8	9	11	13	16	21	28	33	38	42	47
200	8	10	11	13	15	17	22	27	32	43	55	66	75	84	94
300	11	13	16	18	21	24	30	36	43	58	74	87	100	112	125
400	13	16	19	23	26	30	37	45	53	71	90	107	122	138	153
500	16	19	23	27	31	35	44	53	62	83	106	125	143	161	179
600	18	22	27	31	35	40	50	60	71	95	120	142	163	183	203
700	20	25	30	35	40	45	56	68	80	106	134	159	181	204	227
800	23	28	33	39	44	50	62	75	88	117	148	174	199	224	249
870	24	30	35	41	47	53	66	80	94	124	157	185	211	238	264
900	25	30	36	42	48	55	68	82	96	127	160	189	216	243	270
1000	27	33	39	46	52	59	73	88	104	137	173	204	233	262	291
1160	30	37	44	51	59	66	82	99	116	153	192	226	258	291	323
1200	31	38	45	52	60	68	84	101	119	156	197	232	265	298	330
1400	35	43	51	59	68	76	94	113	133	175	219	258	295	331	368
1450	36	44	52	61	69	78	97	116	137	179	225	264	302	339	377
1600	39	47	56	65	75	84	104	125	147	192	241	283	323	363	403
1750	42	51	60	70	80	90	112	134	157	205	256	301	344	386	429
1800	42	52	62	72	82	92	114	136	160	209	261	307	351	394	437
2000	46	56	67	77	89	100	123	148	173	226	281	331	377	423	469
2400	53	65	77	89	102	115	141	169	197	257	319	375	427	479	530
2800	60	73	86	100	114	129	158	189	221	287	355	416	474	530	586
3200	66	81	96	111	126	142	175	209	243	315	389	455	517	578	638
3600	73	88	105	121	138	155	191	227	265	342	421	492	558	622	685
4000	79	96	113	131	150	168	206	245	285	368	451	526	596	663	727
5000	94	114	134	155	177	198	243	288	334	427	521	603	678	749	814
6000	108	131	154	178	202	227	277	327	378	481	581	667	743	812	871
7000	121	147	173	200	227	254	309	364	419	528	631	718	790	850	896
8000	134	163	191	221	250	279	339	398	456	569	673	754	816	861	885
10000	159	192	226	259	293	326	393	457	519	631	724	781	804	792	739
12000	182	220	257	295	332	368	438	505	566	666	729	739	691	582	
14000	204	245	286	327	366	404	476	541	596	670	683	616			

Belt width correction factors			
Belt width (mm)	6	9	15
Width factors	1.00	1.66	2.97

굵은체 숫자는 표준 폭을 나타냅니다.

Belt length correction factors					
Belt length (mm)	-190	191-260	261-400	401-599	600+
Length factors	0.8	0.9	1.0	1.1	1.2

동력 전달 능력은 벨트-풀리 이 물림 수가 최소 6개 이상인 조건입니다. 6개 미만인 경우에는 조정이 필요합니다. - 26 페이지 참조



# 5M POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley														
	14	16	18	20	24	28	32	36	40	44	48	56	64	72	80
	Pulley pitch diameter in mm														
	22.28	25.46	28.65	31.83	38.20	44.56	50.93	57.30	63.66	70.03	76.39	89.13	101.86	114.86	127.32
20	4	5	6	7	9	11	13	15	17	20	23	27	31	34	38
40	9	11	12	14	18	21	26	30	35	40	45	54	61	69	77
60	13	16	18	21	26	32	38	45	52	60	68	80	92	103	115
100	22	26	30	35	44	54	64	75	87	100	113	134	153	172	192
200	45	53	61	69	88	107	128	150	174	199	226	268	306	345	383
300	61	72	83	94	119	145	172	202	233	266	300	356	407	458	509
400	76	90	103	117	147	179	213	249	286	326	368	436	498	561	623
500	91	106	122	139	174	211	251	292	336	382	430	510	583	656	728
600	104	122	140	159	199	241	286	334	383	435	489	580	662	745	827
700	117	137	158	179	223	271	321	373	428	485	545	646	738	829	921
800	130	152	174	198	247	299	353	411	471	533	598	709	809	910	1010
870	139	162	186	211	263	318	376	437	500	566	634	751	858	965	1071
900	142	166	191	216	269	326	385	447	512	580	650	769	879	987	1096
1000	154	180	206	234	291	352	416	483	552	625	699	828	945	1062	1178
1160	173	201	231	262	326	393	464	537	614	694	776	918	1047	1176	1304
1200	177	207	237	268	334	403	475	551	629	710	794	939	1072	1204	1334
1400	199	232	266	301	375	451	532	615	702	791	884	1044	1191	1336	1480
1450	205	239	274	309	384	463	545	631	720	811	905	1070	1220	1368	1515
1600	221	257	295	333	414	498	586	677	771	869	969	1144	1303	1461	1617
1750	236	275	315	356	442	532	625	722	822	925	1030	1215	1384	1550	1713
1800	242	281	322	364	451	543	638	736	838	943	1050	1239	1410	1578	1745
2000	262	305	349	394	488	586	688	794	902	1014	1128	1329	1511	1689	1864
2400	301	350	400	451	558	669	784	902	1042	1148	1274	1497	1697	1891	2079
2800	338	393	449	506	625	748	874	1004	1137	1272	1408	1649	1863	2067	2262
3200	374	434	496	559	688	822	960	1100	1242	1386	1531	1786	2008	2217	2411
3600	409	474	541	609	749	893	1040	1190	1340	1492	1644	1908	2134	2340	2526
4000	443	513	585	658	808	961	1116	1274	1431	1589	1745	2015	2238	2436	2604
5000	523	605	688	772	943	1115	1288	1459	1628	1792	1951	2212	2402	2541	2623
6000	598	690	783	877	1064	1250	1433	1610	1778	1937	2084	2301	2411	2434	2358
7000	669	769	870	971	1171	1365	1550	1722	1880	2019	2137	2268	2245	2084	1766
8000	735	843	950	1057	1264	1459	1637	1794	1927	2031	2101	2100	1882		
10000	854	972	1088	1199	1403	1577	1714	1804	1842	1819	1729				
12000	956	1078	1193	1299	1476	1594	1643	1609							
14000	1039	1158	1264	1354	1473	1495	1403								

## Belt width correction factors

Belt width (mm)	9	15	25
Width factors	1.00	1.89	3.38

굵은체 숫자는 표준 폭을 나타냅니다.

## Belt length correction factors

Belt length (mm)	-440	441-550	551-800	801-1100	1100+
Length factors	0.8	0.9	1.0	1.1	1.2

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# 8M POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley															
	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80
	Pulley pitch diameter in mm															
	56.02	61.12	66.21	71.30	76.39	81.49	86.58	91.67	96.77	101.86	112.05	122.23	142.60	162.97	183.35	203.72
10	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11
20	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.11	0.12	0.14	0.16	0.18	0.20	0.23
50	0.08	0.09	0.11	0.13	0.16	0.18	0.21	0.23	0.27	0.28	0.31	0.34	0.40	0.45	0.51	0.56
100	0.16	0.19	0.22	0.27	0.31	0.36	0.41	0.47	0.54	0.56	0.62	0.68	0.79	0.90	1.02	1.13
200	0.33	0.37	0.45	0.53	0.62	0.72	0.82	0.93	1.05	1.13	1.24	1.34	1.54	1.73	1.93	2.12
300	0.49	0.53	0.65	0.77	0.90	1.04	1.19	1.34	1.51	1.64	1.78	1.93	2.21	2.50	2.77	3.05
400	0.65	0.71	0.84	0.99	1.16	1.34	1.54	1.74	1.96	2.12	2.31	2.50	2.87	3.23	3.59	3.94
500	0.81	0.89	1.02	1.21	1.42	1.64	1.88	2.13	2.40	2.59	2.82	3.05	3.50	3.94	4.37	4.80
600	0.98	1.07	1.21	1.43	1.68	1.94	2.21	2.51	2.82	3.05	3.32	3.59	4.11	4.63	5.13	5.63
730	1.19	1.30	1.44	1.71	2.00	2.31	2.64	2.98	3.36	3.63	3.95	4.27	4.89	5.50	6.09	6.68
800	1.30	1.42	1.56	1.85	2.17	2.50	2.86	3.24	3.64	3.94	4.28	4.63	5.30	5.95	6.60	7.23
870	1.42	1.54	1.68	1.99	2.34	2.70	3.08	3.49	3.93	4.24	4.61	4.98	5.70	6.41	7.09	7.76
970	1.58	1.72	1.86	2.20	2.57	2.97	3.39	3.84	4.32	4.67	5.08	5.48	6.27	7.04	7.79	8.52
1000	1.63	1.77	1.92	2.26	2.64	3.05	3.49	3.95	4.44	4.80	5.22	5.63	6.44	7.23	7.99	8.74
1170	1.90	2.07	2.25	2.59	3.04	3.51	4.00	4.53	5.10	5.51	5.98	6.45	7.37	8.26	9.13	9.96
1200	1.95	2.13	2.30	2.65	3.11	3.59	4.09	4.63	5.21	5.63	6.12	6.60	7.53	8.44	9.32	10.17
1460	2.37	2.58	2.80	3.15	3.69	4.26	4.86	5.50	6.19	6.68	7.25	7.81	8.90	9.95	10.95	11.92
1600	2.60	2.83	3.06	3.41	4.00	4.61	5.26	5.95	6.70	7.23	7.84	8.44	9.61	10.72	11.79	12.80
1750	2.84	3.09	3.34	3.69	4.32	4.98	5.69	6.43	7.23	7.80	8.46	9.10	10.35	11.53	12.64	13.70
2000	3.24	3.52	3.81	4.18	4.85	5.59	6.37	7.21	8.11	8.74	9.47	10.17	11.53	12.80	13.99	15.08
2500	4.03	4.38	4.74	5.19	5.86	6.75	7.69	8.69	9.77	10.52	11.36	12.17	13.70	15.08	16.32	17.40
2920	4.68	5.09	5.50	6.02	6.66	7.66	8.73	9.86	11.08	11.92	12.84	13.71	15.31	16.71	17.89	18.83
3500					7.71	8.85	10.07	11.36	12.75	13.70	14.68	15.60	17.20	18.47		
4000						9.79	11.13	12.55	14.07	15.08	16.09	16.99	18.47			
4500							12.10	13.62	15.26	16.32	17.30	18.14				
5000								14.57	16.30	17.40	18.31	19.04				
5500									17.20	18.31	19.10					
6000										17.95	19.04	19.65				

Belt width correction factors				
Belt width (mm)	20	30	50	85
Width factors	1.00	1.58	2.74	4.76

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Belt length correction factors					
Belt length (mm)	480-608	640-912	960-1216	1280-1760	1800-2800
Length factors	0.8	0.9	1.0	1.1	1.2

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# 14M POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																
	28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80
	Pulley pitch diameter in mm																
	124.78	129.23	133.69	142.60	151.52	160.43	169.34	178.25	196.08	213.90	231.73	249.55	267.38	285.21	303.03	320.86	356.51
10	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.8
20	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5
40	0.7	0.8	0.8	1.0	1.1	1.2	1.4	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.6	2.7	3.0
60	1.1	1.2	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.1	4.5
100	1.8	1.9	2.1	2.4	2.8	3.1	3.4	3.6	4.0	4.4	4.9	5.2	5.6	6.0	6.4	6.7	7.5
200	3.6	3.9	4.2	4.8	5.5	6.2	6.8	7.2	8.0	8.9	9.7	10.5	11.2	12.0	12.7	13.5	15.0
300	4.9	5.3	5.7	6.6	7.5	8.5	9.2	9.7	10.8	12.0	13.1	14.2	15.3	16.5	17.7	18.9	21.3
400	6.1	6.6	7.1	8.2	9.3	10.5	11.3	12.0	13.3	14.7	16.1	17.4	18.7	20.1	21.5	22.9	25.8
500	7.2	7.8	8.4	9.6	11.0	12.3	13.3	14.1	15.6	17.2	18.7	20.2	21.7	23.3	24.8	26.4	29.6
600	8.2	8.9	9.5	11.0	12.5	14.0	15.1	15.9	17.6	19.4	21.1	22.7	24.4	26.1	27.8	29.5	32.9
730	9.4	10.2	10.9	12.6	14.2	16.0	17.2	18.2	20.0	22.0	23.8	25.6	27.4	29.3	31.1	32.9	36.5
800	10.0	10.8	11.6	13.4	15.1	17.0	18.3	19.3	21.2	23.2	25.2	27.0	28.9	30.8	32.6	34.5	38.2
870	10.6	11.4	12.3	14.1	16.0	17.9	19.3	20.3	22.4	24.4	26.4	28.3	30.2	32.2	34.0	36.0	39.7
970	11.4	12.3	13.2	15.1	17.1	19.2	20.6	21.7	23.8	26.0	28.0	30.0	32.0	33.9	35.8	37.7	41.4
1000	11.6	12.5	13.5	15.4	17.5	19.6	21.0	22.1	24.3	26.5	28.5	30.5	32.5	34.4	36.3	38.2	41.9
1160	12.8	13.8	14.8	16.9	19.1	21.4	22.9	24.1	26.3	28.6	30.7	32.7	34.7	36.7	38.5	40.3	43.7
1200	13.1	14.1	15.1	17.3	19.5	21.8	23.4	24.5	26.8	29.1	31.2	33.2	35.2	37.1	38.9	40.7	44.1
1460	14.7	15.8	16.9	19.3	21.8	24.3	25.9	27.1	29.5	31.8	33.8	35.7	37.5	39.3	40.8	42.3	44.7
1600	15.4	16.6	17.8	20.3	22.8	25.4	27.1	28.3	30.6	32.9	34.8	36.6	38.3	39.8	41.1	42.3	44.0
1750	16.2	17.4	18.6	21.2	23.8	26.5	28.2	29.4	31.6	33.8	35.6	37.2	38.6	39.9	40.8	41.6	42.5
2000	17.3	18.5	19.8	22.5	25.2	28.0	29.6	30.8	32.8	34.7	36.2	37.3	38.2	38.9	39.1		
2500	20.8	21.4	22.0	24.2	26.9	29.7	31.2	32.0	33.4	34.4	34.7	34.4					
2920	23.6	24.2	24.8	26.0	27.4	30.0	31.1	31.6	31.9	31.7							
3500			28.1	29.1	30.0	30.7	31.2	31.6									
4000			30.9	31.4													

## Belt width correction factors

Belt width (mm)	40	55	85	115	170
Width factors	1.00	1.50	2.50	3.48	5.29

굵은체 숫자는 표준 폭을 나타냅니다.

## Belt length correction factors

Belt length (mm)	966-1190	1400-1610	1778-1904	2100-2450	2590-3150	3500-4578
Length factors	0.8	0.9	0.95	1.0	1.05	1.1

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# 20M POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley													
	34	36	38	40	44	48	52	56	60	64	68	72	80	90
	Pulley pitch diameter in mm													
	216.45	229.18	241.92	254.65	280.11	305.58	331.04	365.51	381.87	407.44	432.90	458.37	509.30	572.96
10	2.0	2.2	2.3	2.5	2.7	3.0	3.2	3.4	3.7	3.8	4.0	4.2	4.6	5.0
20	4.0	4.3	4.6	4.8	5.4	5.9	6.4	6.9	7.3	7.7	8.1	8.4	9.2	10.0
30	6.0	6.5	6.9	7.3	8.1	8.9	9.6	10.3	11.0	11.5	12.1	12.6	13.7	15.1
40	8.0	8.6	9.2	9.8	10.8	11.8	12.8	13.8	14.5	15.4	16.1	16.9	18.3	20.1
50	10.0	10.7	11.4	12.2	13.5	14.8	16.0	17.2	18.2	19.2	20.1	21.0	22.9	25.1
60	12.0	12.9	13.7	14.6	16.3	17.7	19.2	20.7	21.9	23.0	24.2	25.3	27.5	30.1
80	16.0	17.2	18.3	19.5	21.6	23.6	25.6	27.5	29.2	30.7	32.2	33.6	36.6	40.1
100	20.0	21.5	22.9	24.3	27.1	29.5	31.9	34.4	36.4	38.3	40.2	42.1	45.7	50.1
150	30.1	32.2	34.3	36.5	40.6	44.2	47.9	51.6	54.6	57.4	60.3	63.0	68.5	75.0
200	40.1	43.0	45.7	48.6	54.0	58.9	63.9	68.7	72.7	76.5	80.2	83.9	91.1	99.7
300	58.0	62.3	66.2	70.3	78.9	87.8	93.5	99.1	104.7	110.0	115.3	120.4	130.4	142.3
400	73.0	78.3	83.2	88.4	99.0	110.0	117.0	123.8	130.4	136.8	143.1	149.2	161.0	174.8
500	87.0	93.3	99.0	105.1	117.6	130.4	138.4	146.1	153.7	161.0	168.0	174.8	187.7	202.5
600	100.2	107.3	113.8	120.7	134.7	149.2	158.1	166.6	174.8	182.6	190.2	197.3	210.7	225.7
730	116.2	124.2	131.6	139.4	155.3	171.6	181.2	190.4	199.1	207.3	215.0	222.2	235.2	248.6
800	124.3	132.9	140.6	148.8	165.5	182.6	192.6	201.9	210.7	219.0	226.6	233.6	245.7	257.4
870	132.0	141.1	149.2	157.9	175.3	193.1	203.2	212.6	221.3	229.4	236.8	243.3	254.3	263.6
970	142.6	152.2	160.8	169.9	188.3	206.9	217.1	226.3	234.8	242.3	248.9	254.6	263.0	
1170	161.9	172.3	181.6	191.4	211.0	230.5	240.1	248.3	255.1	260.6	264.6	267.1	267.4	
1200	164.6	175.1	184.5	194.3	214.0	233.6	242.9	250.9	257.4	262.4	265.9	267.1	266.5	
1460	185.5	196.6	206.2	216.3	236.0	255.0	261.5	265.9	268.0	267.5	264.5			
1600	194.9	206.1	215.6	225.5	244.5	262.4	266.7	268.0	266.5					
1750	203.7	214.7	223.8	233.3	251.0	267.0	268.0	265.4						
2000	214.9	225.1	233.1	241.3	255.4	266.5								

Belt width correction factors					
Belt width (mm)	115	170	230 (≥ 38 teeth)	290 (≥ 52 teeth)	340 (≥ 52 teeth)
Width factors	1.0	1.55	2.15	2.80	3.26

굵은체 숫자는 표준 폭을 나타냅니다.

Belt length correction factors						
Belt length (mm)	2000	2500	3400	3800-4600	5000-5600	580-6200
Length factors	0.8	0.85	0.95	1.0	1.05	1.1

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# MXL POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley																		
	10	12	14	15	16	18	20	22	24	28	30	32	36	40	42	48	60	72	80
	Pulley pitch diameter in mm																		
	6.47	7.76	9.06	9.70	10.35	11.64	12.94	14.23	15.52	18.11	19.40	20.70	23.29	25.87	27.17	31.05	38.81	46.57	51.74
10	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.14	0.16	0.18	0.19	0.22	0.27	0.33	0.36
40	0.18	0.22	0.25	0.27	0.29	0.33	0.36	0.40	0.43	0.51	0.54	0.58	0.65	0.72	0.76	0.87	1.08	1.30	1.45
60	0.27	0.33	0.38	0.41	0.43	0.49	0.54	0.60	0.65	0.76	0.81	0.87	0.98	1.08	1.14	1.30	1.63	1.95	2.17
100	0.45	0.54	0.63	0.68	0.72	0.81	0.90	0.99	1.08	1.27	1.36	1.45	1.63	1.81	1.90	2.17	2.71	3.25	3.62
200	0.90	1.08	1.27	1.36	1.45	1.63	1.81	1.99	2.17	2.53	2.71	2.89	3.25	3.62	3.80	4.34	5.42	6.51	7.23
400	1.81	2.17	2.53	2.71	2.89	3.25	3.62	3.98	4.34	5.06	5.42	5.78	6.51	7.23	7.59	8.68	10.85	13.02	14.46
600	2.71	3.25	3.80	4.07	4.34	4.88	5.42	5.97	6.51	7.59	8.13	8.68	9.76	10.85	11.39	13.02	16.27	19.52	21.69
800	3.62	4.34	5.06	5.43	5.78	6.51	7.23	7.95	8.68	10.12	10.85	11.57	13.02	14.46	15.18	17.35	21.69	26.03	28.92
1000	4.52	5.42	6.33	6.78	7.23	8.13	9.04	9.94	10.85	12.65	13.56	14.46	16.27	18.08	18.98	21.69	27.12	32.54	36.15
1200	5.42	6.51	7.60	8.14	8.68	9.76	10.85	11.93	13.02	15.18	16.27	17.35	19.52	21.69	22.78	26.03	32.54	39.05	43.38
1400	6.33	7.59	8.86	9.49	10.12	11.39	12.65	13.92	15.18	17.72	18.98	20.25	22.78	25.31	26.57	30.37	37.96	45.55	50.61
1600	7.23	8.68	10.1	10.9	11.57	13.02	14.46	15.91	17.35	20.25	21.69	23.14	26.03	28.92	30.37	34.71	43.38	52.06	57.85
1800	8.13	9.76	11.4	12.2	13.02	14.64	16.27	17.90	19.52	22.78	24.40	26.03	29.28	32.54	34.16	39.05	48.81	58.57	65.08
2000	9.04	10.85	12.7	13.6	14.46	16.27	18.08	19.88	21.69	25.31	27.12	28.92	32.54	36.15	37.96	43.38	54.23	65.08	72.31
2400	10.85	13.02	15.2	16.3	17.35	19.52	21.69	23.86	26.03	30.37	32.54	34.71	39.05	43.38	45.55	52.06	65.08	78.09	86.77
2800	12.65	15.18	17.7	19.0	20.25	22.78	25.31	27.84	30.37	35.43	37.96	40.49	45.55	50.61	53.15	60.74	75.92	91.11	101.23
3200	14.46	17.35	20.3	21.7	23.14	26.03	28.92	31.81	34.71	40.49	43.38	46.28	52.06	57.85	60.74	69.41	86.77	104.12	115.69
3600	16.27	19.52	22.8	24.4	26.03	29.28	32.54	35.79	39.05	45.55	48.81	52.06	58.57	65.08	68.33	78.09	97.61	117.14	130.15
4000	18.08	21.69	25.3	27.1	28.92	32.54	36.15	39.77	43.38	50.61	54.23	57.85	65.08	72.31	75.92	86.77	108.46	130.15	144.61
5000	22.60	27.12	31.6	33.9	36.15	40.67	45.19	49.71	54.23	63.27	67.79	72.31	81.35	90.38	94.90	108.46	135.58	162.69	180.77
6000	27.12	32.54	38.0	40.7	43.38	48.81	54.23	59.65	65.08	75.92	81.35	86.77	97.61	108.46	113.88	130.15	162.69	195.23	216.92
8000	36.15	43.38	50.6	54.3	57.85	65.08	72.31	79.54	86.77	101.23	108.46	115.69	130.15	144.61	151.84	173.54	216.92	260.30	289.23
10000	45.19	54.23	63.3	67.8	72.31	81.35	90.38	99.42	108.46	126.54	135.58	144.61	162.69	180.77	189.81	216.92	271.15	325.38	361.53
12000	54.23	65.08	76.0	81.4	86.77	97.61	108.46	119.31	130.15	151.84	162.69	173.54	195.23	216.92	227.77	260.30	325.38	390.46	433.84
14000	63.27	75.92	88.6	94.9	101.23	113.88	126.54	139.19	151.84	177.15	189.81	202.46	227.77	253.07	265.73	303.69	379.61	455.53	506.15

## Belt width correction factors

Belt width (code)	012	019	025	037	050	062	075	100
Width factors	1	1.7	2.7	4	5.7	7.4	8.7	12.4

굵은체 숫자는 표준 폭을 나타냅니다.

동력 전달 능력은 벨트-풀리 이 물림 수가 최소 6개 이상인 조건입니다. 6개 미만인 경우에는 조정이 필요합니다. -26 페이지 참조

# XL POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley												
	10	11	12	14	15	16	18	20	21	22	24	28	30
	Pulley pitch diameter in mm												
	16.17	17.79	19.40	22.64	24.26	25.87	29.11	32.34	33.96	35.57	38.81	45.28	48.51
100	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04
200	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
300	0.04	0.05	0.05	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.10	0.13	0.13
400	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.12	0.13	0.13	0.14	0.17	0.18
500	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.16	0.18	0.22	0.22
600	0.09	0.10	0.10	0.13	0.13	0.14	0.16	0.18	0.19	0.20	0.22	0.25	0.28
700	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.21	0.22	0.23	0.25	0.30	0.32
800	0.12	0.13	0.14	0.17	0.18	0.19	0.22	0.25	0.25	0.27	0.30	0.34	0.37
900	0.13	0.15	0.16	0.19	0.20	0.22	0.25	0.28	0.29	0.30	0.33	0.38	0.41
1000	0.15	0.16	0.18	0.22	0.23	0.25	0.28	0.31	0.32	0.34	0.37	0.43	0.46
1100	0.16	0.19	0.19	0.23	0.25	0.27	0.30	0.34	0.35	0.37	0.40	0.47	0.51
1160	0.17	0.19	0.21	0.25	0.27	0.28	0.31	0.34	0.37	0.39	0.42	0.49	0.53
1200	0.18	0.20	0.22	0.25	0.28	0.29	0.33	0.37	0.39	0.40	0.44	0.51	0.55
1300	0.19	0.22	0.23	0.28	0.30	0.31	0.36	0.40	0.42	0.43	0.48	0.55	0.60
1400	0.21	0.23	0.25	0.30	0.32	0.34	0.39	0.43	0.45	0.47	0.51	0.60	0.64
1500	0.22	0.25	0.27	0.32	0.34	0.37	0.41	0.46	0.48	0.50	0.55	0.64	0.69
1160	0.25	0.27	0.30	0.34	0.37	0.40	0.44	0.48	0.51	0.54	0.59	0.68	0.73
1700	0.26	0.28	0.31	0.37	0.39	0.42	0.47	0.50	0.54	0.57	0.62	0.72	0.78
1750	0.27	0.29	0.32	0.37	0.40	0.43	0.48	0.54	0.56	0.59	0.64	0.75	0.80
1800	0.28	0.30	0.33	0.38	0.41	0.44	0.49	0.55	0.57	0.60	0.66	0.77	0.82
2000	0.31	0.34	0.37	0.43	0.46	0.48	0.55	0.61	0.64	0.67	0.73	0.86	0.92
2200	0.34	0.37	0.40	0.47	0.51	0.54	0.60	0.67	0.70	0.74	0.81	0.93	1.00
2400	0.37	0.40	0.44	0.51	0.55	0.59	0.66	0.73	0.77	0.80	0.88	1.02	1.09
2600	0.40	0.43	0.48	0.55	0.60	0.63	0.72	0.79	0.84	0.87	0.93	1.10	1.18
2800	0.43	0.47	0.51	0.60	0.64	0.69	0.77	0.86	0.90	0.94	1.02	1.19	1.28
3000	0.46	0.50	0.55	0.64	0.69	0.73	0.82	0.92	0.95	1.00	1.09	1.28	1.36
3200	0.48	0.54	0.59	0.68	0.73	0.78	0.88	0.97	1.02	1.07	1.16	1.35	1.45
3400	0.51	0.57	0.62	0.72	0.78	0.83	0.93	1.03	1.08	1.13	1.24	1.43	1.53
3500	0.54	0.59	0.64	0.75	0.80	0.86	0.95	1.06	1.11	1.17	1.28	1.48	1.57
3600	0.55	0.60	0.66	0.77	0.82	0.88	0.98	1.09	1.15	1.20	1.31	1.51	1.61
3800	0.58	0.62	0.69	0.81	0.87	0.93	1.04	1.15	1.21	1.27	1.37	1.59	1.69
4000	0.61	0.67	0.73	0.86	0.92	0.97	1.09	1.22	1.28	1.33	1.45	1.67	1.78
4200	0.64	0.70	0.77	0.90	0.95	1.02	1.14	1.28	1.33	1.39	1.51	1.75	1.86
4400	0.67	0.74	0.81	0.93	1.00	1.07	1.20	1.33	1.39	1.45	1.58	1.83	1.95
4600	0.70	0.77	0.84	0.98	1.04	1.12	1.25	1.39	1.45	1.52	1.65	1.90	2.02
4800	0.73	0.80	0.88	1.02	1.09	1.16	1.31	1.45	1.51	1.59	1.72	1.98	2.10
5000	0.76	0.84	0.92	1.06	1.13	1.22	1.36	1.50	1.57	1.64	1.78	2.05	2.18
5500					1.25	1.33	1.49	1.64	1.72	1.80	1.95	2.23	2.37
6000					1.36	1.45	1.61	1.78	1.86	1.95	2.10	2.41	2.54
6500					1.46	1.56	1.75	1.92	2.01	2.09	2.26	2.55	2.72

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6개 미만인 경우에는 조정이 필요합니다. -26 페이지 참조



# XL POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley												
	10	11	12	14	15	16	18	20	21	22	24	28	30
	Pulley pitch diameter in mm												
	16.17	17.79	19.40	22.64	24.26	25.87	29.11	32.34	33.96	35.57	38.81	45.28	48.51
7000					1.57	1.67	1.86	2.05	2.14	2.23	2.41	2.72	2.86
7500					1.68	1.78	1.98	2.18	2.28	2.37	2.54	2.86	3.01
8000							2.10	2.31	2.41	2.49	2.68	3.00	3.14
8500							2.22	2.43	2.53	2.63	2.80	3.13	3.26
9000							2.33	2.54	2.65	2.75	2.92	3.24	3.36
9500							2.45	2.66	2.76	2.86	3.04	3.33	3.45
10000							2.54	2.77	2.86	2.96	3.14	3.42	3.52

Belt width correction factors											
Belt width (code)	025	031	037	043	050	062	075	087	100	125	150
Width factors	0.15	0.21	0.28	0.35	0.42	0.57	0.71	0.86	1.00	1.29	1.56

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6개 미만인 경우에는 조정이 필요합니다. -26 페이지 참조

# L POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																				
	10	12	13	14	15	16	17	18	19	20	21	22	24	26	28	30	32	36	40	44	48
	Pulley pitch diameter in mm																				
	30.32	36.38	39.41	42.45	45.48	48.51	51.54	54.57	57.61	60.64	63.67	66.70	72.77	78.83	84.89	90.96	97.02	109.15	121.28	133.40	145.53
100	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.19
200	0.07	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.28	0.31	0.34	0.37
300	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.25	0.25	0.28	0.31	0.33	0.35	0.37	0.42	0.47	0.51	0.56
400	0.16	0.19	0.20	0.22	0.23	0.25	0.26	0.28	0.30	0.31	0.33	0.34	0.37	0.40	0.43	0.46	0.50	0.56	0.62	0.69	0.75
500	0.19	0.23	0.25	0.28	0.29	0.31	0.33	0.35	0.37	0.39	0.41	0.43	0.47	0.51	0.54	0.58	0.62	0.70	0.78	0.85	0.93
600	0.23	0.33	0.31	0.33	0.35	0.37	0.40	0.42	0.44	0.47	0.49	0.51	0.56	0.60	0.65	0.70	0.75	0.84	0.93	1.01	1.11
700	0.28	0.33	0.35	0.38	0.41	0.43	0.46	0.49	0.51	0.54	0.57	0.60	0.65	0.71	0.76	0.81	0.87	0.97	1.08	1.19	1.29
800	0.31	0.37	0.40	0.43	0.46	0.50	0.53	0.56	0.59	0.62	0.65	0.69	0.75	0.81	0.87	0.93	0.98	1.11	1.23	1.35	1.47
870	0.34	0.40	0.44	0.47	0.51	0.54	0.57	0.61	0.64	0.68	0.71	0.75	0.81	0.87	0.94	1.01	1.07	1.20	1.34	1.46	1.60
900	0.35	0.42	0.46	0.49	0.52	0.56	0.60	0.63	0.66	0.70	0.73	0.77	0.84	0.90	0.97	1.04	1.11	1.25	1.38	1.51	1.65
1000	0.39	0.46	0.51	0.54	0.58	0.62	0.66	0.70	0.74	0.78	0.81	0.85	0.93	1.00	1.08	1.16	1.23	1.38	1.53	1.68	1.82
1100	0.43	0.51	0.56	0.60	0.64	0.69	0.72	0.77	0.81	0.85	0.90	0.93	1.01	1.10	1.19	1.27	1.35	1.51	1.68	1.84	1.99
1160	0.45	0.54	0.59	0.63	0.68	0.72	0.77	0.81	0.85	0.90	0.94	0.98	1.07	1.16	1.25	1.34	1.42	1.60	1.76	1.93	2.10
1200	0.47	0.56	0.60	0.66	0.70	0.75	0.79	0.84	0.88	0.93	0.97	1.01	1.11	1.20	1.29	1.38	1.47	1.65	1.82	1.99	2.16
1300	0.51	0.60	0.66	0.71	0.75	0.81	0.86	0.90	0.95	1.00	1.05	1.10	1.20	1.30	1.40	1.49	1.59	1.78	1.96	2.15	2.33
1400	0.54	0.65	0.71	0.76	0.81	0.87	0.92	0.97	1.03	1.08	1.13	1.19	1.29	1.40	1.50	1.60	1.71	1.91	2.10	2.31	2.49
1500	0.58	0.70	0.76	0.81	0.87	0.93	0.98	1.04	1.10	1.16	1.21	1.27	1.38	1.49	1.60	1.72	1.82	2.04	2.25	2.45	2.65
1600	0.62	0.75	0.81	0.87	0.93	0.98	1.05	1.11	1.17	1.23	1.29	1.35	1.47	1.59	1.70	1.82	1.94	2.16	2.39	2.60	2.80
1700	0.66	0.79	0.86	0.92	0.98	1.05	1.11	1.18	1.24	1.31	1.37	1.43	1.56	1.69	1.81	1.93	2.05	2.29	2.52	2.75	2.96
1750	0.68	0.81	0.87	0.95	1.01	1.08	1.15	1.21	1.28	1.34	1.41	1.48	1.60	1.73	1.86	1.98	2.11	2.35	2.59	2.81	3.03
1800		0.84	0.90	0.97	1.04	1.11	1.18	1.25	1.31	1.38	1.45	1.51	1.65	1.78	1.91	2.04	2.16	2.41	2.65	2.88	3.10
1900		0.88	0.95	1.03	1.10	1.17	1.24	1.31	1.38	1.45	1.52	1.60	1.73	1.87	2.01	2.14	2.28	2.53	2.78	3.02	3.25
2000		0.93	1.01	1.08	1.16	1.23	1.31	1.38	1.45	1.53	1.60	1.68	1.82	1.96	2.10	2.25	2.38	2.66	2.90	3.16	3.39
2200		1.01	1.10	1.19	1.27	1.35	1.43	1.51	1.60	1.68	1.75	1.84	1.99	2.15	2.30	2.45	2.60	2.88	3.16	3.41	3.65
2400		1.11	1.20	1.29	1.38	1.47	1.56	1.65	1.73	1.82	1.91	1.99	2.16	2.33	2.49	2.66	2.80	3.11	3.39	3.65	3.89
2500		1.16	1.25	1.34	1.43	1.53	1.62	1.72	1.81	1.89	1.98	2.07	2.25	2.42	2.59	2.75	2.91	3.21	3.50	3.76	3.99
2600		1.20	1.30	1.40	1.49	1.59	1.69	1.78	1.87	1.96	2.06	2.15	2.33	2.51	2.68	2.84	3.01	3.31	3.60	3.86	4.09
2800		1.29	1.40	1.50	1.60	1.71	1.81	1.91	2.01	2.10	2.21	2.31	2.49	2.68	2.86	3.03	3.20	3.51	3.80	4.06	4.27
3000		1.38	1.49	1.60	1.71	1.82	1.93	2.04	2.14	2.25	2.35	2.45	2.65	2.84	3.03	3.21	3.39	3.71	3.99	4.24	4.43
3200			1.59	1.70	1.82	1.94	2.04	2.16	2.27	2.38	2.49	2.60	2.80	3.01	3.20	3.39	3.56	3.88	4.16	4.39	4.56
3400			1.69	1.81	1.92	2.05	2.17	2.29	2.40	2.51	2.63	2.74	2.96	3.16	3.36	3.55	3.72	4.04	4.31	4.51	4.65
3500			1.73	1.86	1.98	2.11	2.23	2.35	2.47	2.58	2.70	2.81	3.03	3.25	3.44	3.63	3.80	4.12	4.38	4.57	4.68
3600				1.90	2.04	2.16	2.29	2.41	2.53	2.65	2.77	2.88	3.10	3.32	3.52	3.71	3.89	4.19	4.44	4.61	4.71
3800				2.01	2.13	2.26	2.40	2.54	2.66	2.78	2.90	3.02	3.25	3.46	3.66	3.85	4.03	4.32	4.54	4.68	4.72
4000				2.11	2.24	2.39	2.51	2.66	2.78	2.90	3.03	3.16	3.39	3.60	3.80	3.98	4.16	4.43	4.63	4.72	4.71
4200					2.35	2.49	2.63	2.78	2.89	3.03	3.16	3.28	3.52	3.74	3.94	4.12	4.28	4.54	4.68	4.74	4.65
4400					2.45	2.60	2.74	2.88	3.01	3.15	3.28	3.41	3.65	3.87	4.06	4.24	4.39	4.61	4.72	4.71	4.54
4600					2.54	2.71	2.85	2.99	3.13	3.27	3.40	3.53	3.77	3.98	4.17	4.34	4.48	4.67	4.74	4.65	4.39
4800					2.64	2.81	2.95	3.11	3.25	3.39	3.52	3.65	3.88	4.09	4.27	4.43	4.57	4.71	4.71	4.55	4.20
5000					2.74	2.92	3.06	3.22	3.36	3.49	3.63	3.76	3.99	4.20	4.37	4.52	4.63	4.73	4.67	4.42	3.95

동력 전달 능력은 벨트-풀리 이 물림 수가 최소 6개 이상인 조건입니다. 6개 미만인 경우에는 조정이 필요합니다. -26 페이지 참조



# L POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																				
	10	12	13	14	15	16	17	18	19	20	21	22	24	26	28	30	32	36	40	44	48
	Pulley pitch diameter in mm																				
	30.32	36.38	39.41	42.45	45.48	48.51	51.54	54.57	57.61	60.64	63.67	66.70	72.77	78.83	84.89	90.96	97.02	109.15	121.28	133.40	145.53
5200					2.84	3.01	3.16	3.32	3.45	3.60	3.74	3.86	4.09	4.30	4.46	4.59	4.68	4.73	4.60	4.24	3.66
5400					2.93	3.11	3.26	3.42	3.56	3.70	3.83	3.96	4.19	4.39	4.53	4.65	4.71	4.70	4.48	4.04	3.31
5600					3.02	3.20	3.36	3.52	3.66	3.80	3.94	4.06	4.27	4.46	4.60	4.68	4.73	4.66	4.35	3.77	2.90
5800					3.11	3.30	3.45	3.61	3.76	3.89	4.03	4.16	4.36	4.53	4.65	4.71	4.73	4.58	4.18	3.48	2.44
6000					3.20	3.39	3.54	3.71	3.84	3.98	4.12	4.24	4.42	4.59	4.68	4.74	4.72	4.48	3.97	3.13	1.92

Belt width correction factors												
Belt width (code)	037	050	062	075	087	100	125	150	175	200	250	300
Width factors	0.28	0.42	0.57	0.71	0.86	1.0	1.29	1.56	1.84	2.14	2.72	3.36

굵은체 숫자는 표준 폭을 나타냅니다.

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# H POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																
	14	16	17	18	19	20	21	22	24	26	28	30	32	36	40	44	48
	Pulley pitch diameter in mm																
	56.60	64.68	68.72	72.77	76.81	80.85	84.89	88.94	97.02	105.11	113.19	121.28	129.36	145.53	161.70	177.87	194.04
100	0.19	0.21	0.22	0.24	0.25	0.26	0.28	0.29	0.31	0.34	0.37	0.40	0.43	0.48	0.53	0.58	0.63
200	0.37	0.43	0.45	0.48	0.50	0.53	0.55	0.58	0.63	0.69	0.74	0.79	0.84	0.95	1.05	1.16	1.27
300	0.55	0.63	0.67	0.72	0.75	0.79	0.83	0.87	0.95	1.03	1.11	1.19	1.27	1.42	1.58	1.74	1.89
400	0.74	0.84	0.90	0.95	1.00	1.05	1.11	1.16	1.27	1.37	1.48	1.58	1.69	1.89	2.10	2.31	2.52
500	0.93	1.05	1.12	1.19	1.25	1.32	1.39	1.45	1.58	1.72	1.84	1.98	2.10	2.36	2.63	2.89	3.15
600	1.11	1.27	1.34	1.42	1.51	1.58	1.66	1.74	1.89	2.05	2.21	2.36	2.52	2.83	3.15	3.46	3.77
700	1.29	1.48	1.57	1.66	1.75	1.84	1.93	2.03	2.21	2.39	2.57	2.76	2.94	3.30	3.66	4.03	4.39
800	1.48	1.69	1.79	1.89	2.00	2.10	2.21	2.31	2.52	2.73	2.94	3.15	3.36	3.77	4.18	4.59	4.99
870	1.60	1.84	1.95	2.06	2.17	2.29	2.40	2.51	2.75	2.97	3.19	3.42	3.65	4.10	4.54	4.98	5.42
900	1.66	1.89	2.01	2.13	2.25	2.36	2.48	2.60	2.83	3.07	3.30	3.54	3.77	4.23	4.69	5.14	5.59
1000	1.84	2.10	2.24	2.36	2.50	2.63	2.76	2.89	3.15	3.41	3.66	3.92	4.18	4.69	5.19	5.69	6.19
1100	2.03	2.31	2.46	2.60	2.75	2.89	3.03	3.18	3.46	3.74	4.03	4.30	4.59	5.15	5.69	6.24	6.77
1160	2.13	2.44	2.59	2.75	2.89	3.04	3.19	3.34	3.65	3.94	4.24	4.54	4.83	5.42	5.99	6.56	7.12
1200		2.52	2.68	2.83	2.99	3.15	3.30	3.46	3.77	4.07	4.39	4.69	4.99	5.59	6.19	6.70	7.36
1300		2.73	2.90	3.07	3.24	3.41	3.57	3.74	4.07	4.41	4.74	5.07	5.39	6.04	6.68	7.30	7.92
1400		2.94	3.13	3.30	3.48	3.66	3.84	4.02	4.38	4.74	5.10	5.45	5.80	6.48	7.16	7.83	8.47
1500		3.15	3.34	3.54	3.73	3.92	4.11	4.30	4.68	5.07	5.45	5.82	6.19	6.92	7.64	8.34	9.02
1600		3.36	3.57	3.77	3.98	4.18	4.38	4.59	4.99	5.39	5.80	6.19	6.58	7.36	8.11	8.84	9.55
1700		3.56	3.78	4.00	4.21	4.43	4.65	4.86	5.30	5.72	6.14	6.56	6.97	7.78	8.57	9.33	10.07
1750		3.66	3.89	4.12	4.33	4.56	4.78	5.01	5.45	5.88	6.31	6.74	7.16	7.99	8.80	9.58	10.32
1800		3.77	4.00	4.23	4.46	4.68	4.92	5.14	5.59	6.04	6.48	6.92	7.36	8.20	9.02	9.81	10.58
1900		4.04	4.22	4.46	4.70	4.94	5.18	5.42	5.89	6.36	6.83	7.28	7.73	8.62	9.47	10.28	11.06
2000		4.18	4.44	4.68	4.94	5.19	5.45	5.69	6.18	6.68	7.16	7.64	8.11	9.03	9.90	10.74	11.53
2100				4.92	5.18	5.44	5.71	5.97	6.48	6.99	7.50	7.99	8.47	9.42	10.32	11.18	12.00
2200				5.14	5.42	5.69	5.97	6.24	6.77	7.30	7.83	8.34	8.84	9.82	10.74	11.62	12.43
2300				5.37	5.65	5.94	6.22	6.51	7.06	7.62	8.15	8.68	9.20	10.21	11.15	12.03	12.85
2400				5.59	5.89	6.18	6.48	6.77	7.35	7.92	8.48	9.02	9.55	10.58	11.53	12.43	13.25
2500				5.82	6.12	6.43	6.74	7.04	7.63	8.22	8.80	9.35	9.90	10.95	11.92	12.82	13.63
2600				6.04	6.36	6.68	6.99	7.30	7.92	8.52	9.12	9.68	10.24	11.31	12.29	13.18	13.99
2800				6.48	6.82	7.15	7.49	7.83	8.47	9.11	9.74	10.32	10.90	12.00	12.99	13.88	14.64
3000				6.92	7.27	7.63	7.98	8.34	9.01	9.68	10.33	10.94	11.53	12.65	13.63	14.49	15.20
3200				7.35	7.73	8.09	8.47	8.84	9.54	10.24	10.91	11.53	12.14	13.26	14.22	15.02	15.66
3400				7.78	8.17	8.56	8.94	9.33	10.06	10.78	11.47	12.10	12.70	13.82	14.74	15.48	16.01
3500				7.99	8.39	8.78	9.18	9.58	10.31	11.04	11.74	12.38	12.98	14.09	14.98	15.67	16.14
3600						9.00	9.41	9.82	10.56	11.30	12.00	12.64	13.24	14.34	15.20	15.85	16.24
3800						9.45	9.87	10.29	11.05	11.80	12.52	13.15	13.74	14.81	15.58	16.11	16.35
4000						9.88	10.31	10.74	11.52	12.28	13.00	13.63	14.20	15.22	15.90	16.29	16.34
4200						10.30	10.75	11.19	11.97	12.74	13.47	14.08	14.63	15.58	16.13	16.36	16.19
4400						10.71	11.17	11.62	12.41	13.18	13.89	14.49	15.01	15.87	16.29	16.32	15.90
4600						11.12	11.58	12.03	12.82	13.59	14.29	14.85	15.35	16.10	16.35	16.17	15.46
4800						11.50	11.97	12.44	13.21	13.98	14.67	15.20	15.64	16.27	16.33	15.89	14.87
5000						11.88	12.35	12.82	13.59	14.35	15.01	15.49	15.88	16.37	16.21	15.49	

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# H POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																
	14	16	17	18	19	20	21	22	24	26	28	30	32	36	40	44	48
	Pulley pitch diameter in mm																
	56.60	64.68	68.72	72.77	76.81	80.85	84.89	88.94	97.02	105.11	113.19	121.28	129.36	145.53	161.70	177.87	194.04
5200						12.24	12.72	13.20	13.94	14.68	15.32	15.75	16.07	16.40	15.99	14.96	
5400						12.60	13.08	13.55	14.27	14.99	15.59	15.96	16.21	16.36	15.68		
5600						12.94	13.41	13.88	14.58	15.27	15.83	16.13	16.30	16.23	15.26		
5800						13.26	13.73	14.20	14.87	15.52	16.03	16.25	16.33	16.04	14.73		
6000						13.57	14.04	14.50	15.12	15.74	16.19	16.32	16.30	15.76			

Belt width correction factors																	
Belt width (code)	050	062	075	087	100	125	150	175	200	250	300	350	400	500	600	800	
Width factors	0.42	0.57	0.71	0.86	1.0	1.29	1.56	1.84	2.14	2.72	3.36	4.06	4.76	6.15	7.5	10.32	

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# XH POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley								
	18	20	22	24	26	28	30	32	40
	Pulley pitch diameter in mm								
	127.34	141.49	155.64	169.79	183.94	198.08	212.23	226.38	282.98
100	0.57	0.63	0.69	0.75	0.83	0.88	0.94	1.00	1.25
200	1.13	1.25	1.38	1.51	1.63	1.76	1.88	2.01	2.51
300	1.70	1.88	2.07	2.26	2.45	2.64	2.82	3.01	3.74
400	2.26	2.51	2.76	3.01	3.26	3.51	3.74	4.00	4.97
480	2.71	3.01	3.30	3.60	3.89	4.19	4.48	4.77	5.93
500	2.82	3.13	3.44	3.74	4.06	4.36	4.67	5.01	6.16
510	2.88	3.20	3.51	3.82	4.13	4.45	4.75	5.07	6.28
570	3.21	3.56	3.92	4.27	4.60	4.96	5.30	5.64	6.98
600	3.38	3.74	4.12	4.48	4.85	5.21	5.57	5.93	7.33
680	3.82	4.24	4.66	5.07	5.48	5.88	6.28	6.68	8.24
700	3.93	4.36	4.79	5.21	5.62	6.04	6.46	6.87	8.47
800	4.48	4.96	5.45	5.93	6.41	6.87	7.33	7.79	9.55
870	4.86	5.39	5.91	6.42	6.93	7.44	7.93	8.42	10.29
900	5.03	5.57	6.11	6.64	7.15	7.68	8.18	8.68	10.58
1000	5.57	6.16	6.75	7.33	7.90	8.47	9.01	9.55	11.57
1100	6.11	6.75	7.39	8.02	8.62	9.24	9.81	10.38	12.49
1160	6.42	7.09	7.77	8.42	9.05	9.68	10.29	10.87	13.01
1200		7.33	8.02	8.68	9.33	9.97	10.66	11.18	13.35
1300		7.90	8.63	9.33	10.03	10.68	11.32	11.94	14.13
1400		8.47	9.23	9.97	10.68	11.38	12.04	12.67	14.82
1500		9.01	9.81	10.59	11.32	12.04	12.70	13.35	15.45
1600		9.55	10.38	11.18	11.94	12.67	12.79	14.04	15.98
1700		10.07	10.94	11.76	12.53	13.26	13.94	14.55	16.40
1750		10.33	11.21	12.04	12.81	13.55	14.22	14.82	16.58
1800			11.47	12.32	13.10	13.82	14.49	15.08	16.67
1900			11.99	12.85	13.91	14.35	15.43	15.56	16.93
2000			12.49	13.35	14.13	14.82	15.45	15.98	17.04
2100			12.97	13.82	14.59	15.28	15.85	16.32	17.02
2200			13.43	14.49	15.02	15.67	16.20	16.61	16.87
2300			13.87	14.70	15.42	16.02	16.49	16.82	16.64
2400			14.27	15.08	15.77	16.32	16.73	16.97	16.15
2500				15.45	16.09	16.58	16.89	17.04	15.58
2600				15.77	16.37	16.78	17.01	17.02	14.86
2800				16.33	16.78	17.02	17.02	16.76	
3000				16.73	17.01	17.02	16.74	16.15	
3200				16.97	17.02	16.76	16.15	15.17	
3400				17.04	16.84	16.25	15.23	13.79	
3500				17.02	16.67	15.88	14.65		



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# XH POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley								
	18	20	22	24	26	28	30	32	40
	Pulley pitch diameter in mm								
	127.34	141.49	155.64	169.79	183.94	198.08	212.23	226.38	282.98
3600				16.94	16.43	15.46	13.97		
3800				16.64	15.97	14.34			
4000				16.15	14.86				
4200				15.45	13.67				
4400				14.52					

Belt width correction factors																			
Belt width (code)	100	125	150	175	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1300	1400
Width factors	1.00	1.29	1.56	1.84	2.14	2.72	3.36	4.06	4.76	6.15	7.50	8.89	10.32	11.70	13.10	14.41	15.84	17.16	18.62

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# XXH POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley							
	18	20	22	24	26	30	34	40
	Pulley pitch diameter in mm							
	181.91	202.13	222.34	242.55	262.77	303.19	343.62	404.25
100	0.99	1.10	1.22	1.32	1.43	1.65	1.87	2.20
200	1.98	2.20	2.42	2.64	2.86	3.30	3.73	4.38
300	2.97	3.30	3.62	3.95	4.27	4.92	5.56	6.51
400	3.95	4.38	4.80	5.24	5.67	6.51	7.35	8.57
480	4.72	5.24	5.74	6.26	6.76	7.76	8.74	10.15
500	4.95	5.45	5.98	6.51	7.03	8.06	9.08	10.54
510	5.01	5.56	6.09	6.63	7.17	8.22	9.24	10.73
570	5.59	6.20	6.80	7.39	7.97	9.12	10.24	11.85
600	5.88	6.51	7.14	7.76	8.37	9.57	10.73	12.40
680	6.63	7.35	8.04	8.74	9.41	10.73	12.00	13.79
700	6.83	7.56	8.27	8.97	9.67	11.02	12.32	14.12
800	7.76	8.57	9.37	10.16	10.92	12.40	13.79	15.68
870	8.09	9.27	10.13	10.97	11.78	13.32	14.76	16.67
900	8.72	9.57	10.44	11.30	12.11	13.70	15.15	17.05
1000	9.57	10.55	11.49	12.13	13.28	14.93	16.40	18.23
1100	10.44	11.49	12.64	13.43	14.37	16.04	17.49	19.17
1160	10.97	12.04	13.07	14.05	14.93	16.67	18.08	19.61
1200		12.40	13.45	14.45	15.38	17.05	18.43	19.86
1300		13.28	14.37	14.83	16.32	17.96	19.21	20.28
1400		14.12	15.23	16.26	17.18	18.72	19.80	20.39
1500		14.91	16.04	17.05	17.96	19.36	20.19	20.18
1600		15.68	16.81	17.78	18.64	19.86	20.38	19.64
1700		16.40	17.49	18.43	19.21	20.19	20.34	18.73
1750		16.73	17.81	18.73	19.46	20.31	20.23	18.14
1800		17.06	18.12	19.00	19.68	20.37	20.06	17.43
1900		17.67	18.68	19.48	20.04	20.37	19.53	
2000		18.23	19.17	19.86	20.28	20.19	18.73	
2100		18.73	19.58	20.14	20.39	19.81	17.65	
2200		19.17	19.91	20.32	20.37	19.24		
2300		19.55	20.16	20.39	20.21	18.46		
2400		19.86	20.32	20.35	19.91	17.43		
2500		22.34	20.39	20.19	19.45			
2600		20.28	20.37	19.91	18.84			
2800		20.40	20.02	18.95	17.12			
3000		20.19	19.24	17.43				

## Belt width correction factors

Belt width (code)	100	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1300	1400
Width factors	1.00	2.14	2.72	3.36	4.06	4.76	6.15	7.50	8.89	10.32	11.70	13.10	14.41	15.84	17.16	18.62

굵은체 숫자는 표준 폭을 나타냅니다.

동력 전달 능력은 벨트-풀리 이 물림 수가 최소 6개 이상인 조건입니다. 6개 미만인 경우에는 조정이 필요합니다. -26 페이지 참조



# PREFERRED PULLEY RANGES

## POWERGRIP® GT3

### 2MR

Number of grooves	Outside diameter (mm)
12	7.13
15	9.04
20	12.22
30	18.59
36	22.41
48	30.04
60	37.68
72	45.32

Pulley references in italics are mainly “made-to-order” designs.

### 3MR

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)			System widths - (mm)		
			Standard belt width (mm)			Standard belt width (mm)		
			6	9	15	6	9	15
10	8.79	13	3.5	3.5	3.5	17.5	17.5	26
12	10.70	15	5.0	5.0	5.0	17.5	17.5	26
14	12.61	16	6.0	6.0	6.0	17.5	17.5	26
15	13.56	17.5	7.0	7.0	7.0	17.5	17.5	26
16	14.52	18	5.5	5.5	5.5	20.6	20.6	26
18	16.43	19.5	6.5	6.5	6.5	20.6	20.6	26
20	18.34	23	8.0	8.0	8.0	20.6	20.6	26
21	19.29	25	9.0	9.0	9.0	20.6	20.6	26
22	20.25	25	9.0	9.0	9.0	20.6	20.6	26
24	22.16	25	9.0	9.0	9.0	20.6	20.6	26
26	24.07	28	10.0	10.0	10.0	20.6	20.6	26
28	25.98	32	11.0	11.0	11.0	20.6	20.6	26
30	27.89	32	12.5	12.5	12.5	20.6	20.6	26
32	29.80	36	13.5	13.5	13.5	20.6	20.6	26
36	33.62	38	15.0	15.0	15.0	22.2	22.2	30
40	37.44	42	16.5	16.5	16.5	22.2	22.2	30
44	41.26	48	20.0	20.0	20.0	22.2	22.2	30
48	45.08		20.0	20.0	20.0	22.2	22.2	30
60	56.54		20.0	20.0	20.0	22.2	22.2	30
72	67.99		20.0	20.0	20.0	22.2	22.2	30

### 5MR

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)			System widths - (mm)		
			Standard belt width (mm)			Standard belt width (mm)		
			9	15	25	9	15	25
14	21.14	25	9.0	9.0	9.0	20.0	26.0	36.0
15	22.73	28	10.0	10.0	10.0	20.0	26.0	36.0
16	24.32	28	10.5	10.5	10.5	20.0	26.0	36.0
18	27.51	32	12.5	12.5	12.5	20.0	26.0	36.0
20	30.69	36	13.5	13.5	13.5	22.5	26.0	36.0
21	32.28	38	14.0	14.0	14.0	22.5	26.0	38.0
22	33.87	38	15.0	15.0	15.0	22.5	26.0	38.0
24	37.06	42	16.0	16.0	16.0	22.5	28.0	38.0
26	40.24	44	18.0	18.0	18.0	22.5	28.0	38.0
28	43.42	48	18.0	18.0	18.0	22.5	28.0	38.0
30	46.60	51	21.0	21.0	21.0	22.5	28.0	38.0
32	49.79	54	23.0	23.0	23.0	22.5	28.0	38.0
36	56.16	60	23.0	23.0	23.0	22.5	28.0	38.0
40	62.52	71	23.0	23.0	23.0	22.5	28.0	38.0
44	68.89		23.0	23.0	23.0	25.5	30.0	40.0
48	75.25		23.0	23.0	23.0	25.5	30.0	40.0
60	94.35		28.0	30.0	30.0	25.5	30.0	40.0
72	113.45		28.0	30.0	30.0	25.5	30.0	40.0

NOTE: PowerGrip® GT3 8MGT and 14MGT belts are designed to run in standard PowerGrip® HTD® pulleys.

# PREFERRED PULLEY RANGES

## POWERGRIP® HTD®

### 3M

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)			System widths - (mm)		
			Standard belt width (mm)			Standard belt width (mm)		
			6	9	15	6	9	15
10	8.79	13	3.5	3.5	3.5	14.5	17.5	26
12	10.70	15	5.0	5.0	5.0	14.5	17.5	26
14	12.61	16	6.0	6.0	6.0	14.5	17.5	26
15	13.56	17.5	7.0	7.0	7.0	14.5	17.5	26
16	14.52	18	5.5	5.5	5.5	17.5	20.6	26
18	16.43	19.5	6.5	6.5	6.5	17.5	20.6	26
20	18.34	23	8.0	8.0	8.0	17.5	20.6	26
21	19.29	25	9.0	9.0	9.0	17.5	20.6	26
22	20.25	25	9.0	9.0	9.0	17.5	20.6	26
24	22.16	28	9.0	9.0	9.0	17.5	20.6	26
26	24.07	32	10.0	10.0	10.0	17.5	20.6	26
28	25.98	32	11.0	11.0	11.0	17.5	20.6	26
30	27.89	36	12.5	12.5	12.5	17.5	20.6	26
32	29.80	38	13.5	13.5	13.5	17.5	20.6	26
36	33.62	42	15.0	15.0	15.0	18.0	22.2	30
40	37.44	48	16.5	16.5	16.5	18.0	22.2	30
44	41.26		20.0	20.0	20.0	18.0	22.2	30
48	45.08		20.0	20.0	20.0	18.6	22.2	30
60	56.54		20.0	20.0	20.0	18.6	22.2	30
72	67.99		20.0	20.0	20.0	18.6	22.2	30

### 5M

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)			System widths - (mm)		
			Standard belt width (mm)			Standard belt width (mm)		
			9	15	25	9	15	25
12	17.96	23	8.0	8.0	8.0	20.0	26.0	36.0
14	21.14	25	9.0	9.0	9.0	20.0	26.0	36.0
15	22.73	28	10.0	10.0	10.0	20.0	26.0	36.0
16	24.32	28	10.5	10.5	10.5	20.0	26.0	36.0
18	27.51	32	12.5	12.5	12.5	20.0	26.0	36.0
20	30.69	36	13.5	13.5	13.5	22.5	26.0	36.0
21	32.28	38	14.0	14.0	14.0	22.5	26.0	38.0
22	33.87	38	15.0	15.0	15.0	22.5	26.0	38.0
24	37.06	42	16.0	16.0	16.0	22.5	28.0	38.0
26	40.24	44	18.0	18.0	18.0	22.5	28.0	38.0
28	43.42	48	18.0	18.0	18.0	22.5	28.0	38.0
30	46.60	51	21.0	21.0	21.0	22.5	28.0	38.0
32	49.79	54	23.0	23.0	23.0	22.5	28.0	38.0
36	56.16	60	23.0	23.0	23.0	22.5	28.0	38.0
40	62.52	71	23.0	23.0	23.0	22.5	28.0	38.0
44	68.89		23.0	23.0	23.0	25.5	30.0	40.0
48	75.25		23.0	23.0	23.0	25.5	30.0	40.0
60	94.35		28.0	30.0	30.0	25.5	30.0	40.0
72	113.45		28.0	30.0	30.0	25.5	30.0	40.0

# PREFERRED PULLEY RANGES

## POWERGRIP® HTD®

### 8M

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)				System widths - (mm)			
			Standard belt width (mm)				Standard belt width (mm)			
			20	30	50	85	20	30	50	85
22	54.65	60	25.0	25.0	28.0	28.0	38.0	48.0	70.0	105.0
24	59.75	66	28.0	28.0	28.0	30.0	38.0	48.0	70.0	105.0
26	64.84	71	30.0	30.0	30.0	32.0	38.0	48.0	70.0	105.0
28	70.08	75	30.0	30.0	30.0	32.0	38.0	48.0	70.0	105.0
30	75.13	83	32.0	32.0	32.0	32.0	38.0	48.0	70.0	105.0
32	80.16	87	35.0	35.0	35.0	35.0	38.0	48.0	70.0	105.0
34	85.22	91	42.0	42.0	42.0	42.0	38.0	48.0	70.0	105.0
36	90.30	98.5	42.0	42.0	42.0	42.0	38.0	48.0	70.0	105.0
38	95.39	103	45.0	45.0	45.0	45.0	38.0	48.0	70.0	105.0
40	100.49	106	45.0	45.0	45.0	45.0	38.0	48.0	70.0	105.0
44	110.67	119	45.0	45.0	45.0	45.0	38.0	48.0	70.0	105.0
48	120.86	127	45.0	45.0	45.0	45.0	38.0	48.0	70.0	105.0
56	141.23	148	45.0	50.0	50.0	45.0	38.0	48.0	60.0	105.0
64	161.60	168	45.0	50.0	60.0	60.0	38.0	48.0	60.0	95.0
72	181.97	192	45.0	55.0	60.0	65.0	38.0	48.0	60.0	95.0
80	202.35		50.0	60.0	65.0	65.0	38.0	48.0	60.0	95.0
90	227.81		50.0	60.0	65.0	65.0	38.0	48.0	60.0	95.0
112	283.83		50.0	60.0	65.0	65.0	38.0	48.0	60.0	95.0
144	365.32		50.0	60.0	65.0	70.0	38.0	48.0	60.0	95.0
168	426.44		60.0	60.0	70.0	70.0	38.0	48.0	60.0	95.0
192	487.55		60.0	60.0	70.0	70.0	38.0	48.0	60.0	95.0

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NOTE: PowerGrip® GT3 8MGT and 14MGT belts are designed to run in standard PowerGrip® HTD® pulleys.



# PREFERRED PULLEY RANGES

## POWERGRIP® HTD®

### 14M

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)					System widths - (mm)				
			Standard belt width (mm)					Standard belt width (mm)				
			40	55	85	115	170	40	55	85	115	170
28	122.12	127	60.0	60.0	60.0	60.0	60	69.0	85.0	117.0	148.0	202
29	126.57	138	60.0	60.0	60.0	60.0	60	69.0	85.0	117.0	148.0	202
30	130.99	138	60.0	60.0	60.0	60.0	60	69.0	85.0	117.0	148.0	202
32	139.88	154	60.0	60.0	60.0	60.0	60	69.0	85.0	117.0	148.0	202
34	148.79	160	60.0	60.0	60.0	60.0	60	69.0	85.0	117.0	148.0	202
36	157.68	168	60.0	60.0	60.0	70.0	70	69.0	85.0	117.0	148.0	202
38	166.60	183	70.0	70.0	70.0	70.0	75	69.0	85.0	117.0	148.0	202
40	175.49	188	70.0	70.0	75.0	75.0	80	69.0	85.0	117.0	148.0	202
44	193.28	211	70.0	70.0	75.0	80.0	90	69.0	85.0	117.0	148.0	202
48	211.11	226	75.0	75.0	85.0	80.0	90	69.0	70.0	117.0	148.0	202
56	246.76	256	75.0	75.0	85.0	85.0	90	69.0	70.0	102.0	148.0	202
64	282.41	296	75.0	75.0	85.0	85.0	100	69.0	70.0	102.0	133.0	202
72	318.06		75.0	75.0	85.0	85.0	100	69.0	70.0	102.0	133.0	187
80	353.71		75.0	75.0	85.0	85.0	100	69.0	70.0	102.0	133.0	187
90	398.28		75.0	75.0	85.0	85.0	100	69.0	70.0	102.0	133.0	187
112	496.32		75.0	75.0	85.0	85.0	110	69.0	70.0	102.0	133.0	187
144	638.92		75.0	75.0	85.0	95.0	120	69.0	70.0	102.0	133.0	187
168	745.87		75.0	75.0	85.0	95.0	120	69.0	70.0	102.0	133.0	187
192	852.82		75.0	75.0	95.0	95.0	120	69.0	70.0	102.0	133.0	187
216	959.76		85.0	85.0	95.0	95.0	120	69.0	70.0	102.0	133.0	187

### 20M

Number of grooves	Outside diameter (mm)
34	212.13
36	224.87
38	237.60
40	250.33
44	275.79
48	301.26
52	326.72
56	352.19
60	377.65
64	403.12
68	428.58
72	454.05
80	504.98
90	568.64
112	708.70
144	912.41
168	1065.20
192	1217.99
216	1370.79

Pulley references in italics are mainly "made-to-order" designs.

# PREFERRED PULLEY RANGES

## POWERGRIP®

### MXL

Number of grooves	Outside diameter (mm)
10	5.97
12	7.26
14	8.56
15	9.19
16	9.83
18	11.12
20	12.42
22	13.72
24	15.01
28	17.60
30	18.89
32	20.19
36	22.78
40	25.37
42	26.67
48	30.53
60	38.30
72	46.05
80	51.23

Pulley references in italics are mainly "made-to-order" designs.

### XL

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)		System widths - (mm)		Pulley weight - (kg)	
			Standard belt width (code)		Standard belt width (code)		Standard belt width (code)	
			025	037	025	037	025	037
10	15.66	24	6.4	6.4	19.8	19.8	0.02	0.02
11	17.28	24	6.4	6.4	19.8	19.8	0.02	0.02
12	18.90	25	7.9	7.9	19.8	19.8	0.03	0.03
14	22.13	28	9.5	9.5	19.8	19.8	0.04	0.04
15	23.75	30	11.1	11.1	19.8	19.8	0.04	0.04
16	25.36	32	12.7	12.7	19.8	19.8	0.05	0.05
18	28.60	35	14.3	14.3	19.8	19.8	0.06	0.06
20	31.83	38	17.5	17.5	22.2	22.2	0.08	0.08
21	33.45	40	17.5	17.5	22.2	22.2	0.09	0.09
22	35.07	41	19.1	19.1	22.2	22.2	0.10	0.10
24	38.30	45	20.6	20.6	22.2	22.2	0.12	0.12
26	41.53	48	18.0	18.0	22.2	22.2	0.14	0.14
28	44.77	51	23.8	23.8	22.2	22.2	0.16	0.16
30	48.00	54	27.0	27.0	22.2	22.2	0.19	0.19
32	51.24		23.0	23.0	25.4	25.4	0.11	0.11
36	57.70		23.0	23.0	25.4	25.4	0.13	0.13
40	64.17		23.0	23.0	25.4	25.4	0.17	0.17
42	67.41		23.0	23.0	25.5	25.5	0.13	0.13
44	70.64		23.0	23.0	25.4	25.4	0.15	0.15
48	77.11		23.0	23.0	25.4	25.4	0.16	0.16
60	96.51		23.0	23.0	25.4	25.4	0.18	0.18
72	115.92		23.0	23.0	25.4	25.4	0.23	0.23

# PREFERRED PULLEY RANGES

## POWERGRIP®

L

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)			System widths - (mm)			Pulley weight - (kg)		
			Standard belt width (code)			Standard belt width (code)			Standard belt width (code)		
			050	075	100	050	075	100	050	075	100
10	29.56	36	19			26			0.11		
12	35.62	42	19	25	31	26	32	38	0.19	0.23	0.29
13	38.65	44	19	25	31	26	32	38	0.21	0.26	0.30
14	41.68	48	19	25	31	26	32	38	0.25	0.32	0.36
15	44.27	51	19			26			0.30		
16	47.75	54	19	25	31	26	32	38	0.33	0.42	0.51
17	50.78	57	19	25	31	26	32	38	0.36	0.45	0.54
18	53.81	60	19	25	31	26	32	38	0.41	0.51	0.62
19	56.84	63	19	25	31	26	32	38	0.45	0.57	0.69
20	59.88	66	19	25	31	26	32	38	0.50	0.63	0.76
21	62.91	71	19	25	31	26	32	38	0.55	0.70	0.82
22	65.94	75	19	25	31	26	32	38	0.62	0.75	0.92
24	72.00	79	19	25	31	26	32	38	0.68	0.85	1.10
26	78.07	87	19	25	31	26	32	38	0.82	1.00	1.30
28	84.13	91	19	25	31	26	32	38	0.92	1.20	1.40
30	90.20	97	19	25	31	26	32	38	1.10	1.40	1.70
32	96.26	103	19	25	31	26	32	38	1.20	1.50	1.80
36	108.39	115	19	25	32	26	32	32	1.00	1.30	1.50
40	120.51	127	19	25	32	26	32	32	1.10	1.60	1.80
44	132.64	140	19	25	32	26	32	32	1.20	1.70	1.90
48	144.77	152	19	25	32	26	32	32	1.30	1.90	2.10
60	181.15		19	26	32	28	35	35	1.30	1.80	2.00
72	217.53		19	26	32	28	35	35	1.70	2.30	2.50
84	253.92		19	26	35	28	35	35	1.90	2.50	2.70

# PREFERRED PULLEY RANGES

## POWERGRIP®

### H

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)					System widths - (mm)				
			Standard belt width (code)					Standard belt width (code)				
			075	100	150	200	300	075	100	150	200	300
14	55.22	63	24	24	24	24		32	32	32	58	
16	63.31	71	28	28	28	28	28	32	32	32	58	84
18	71.39	79	32	32	32	32	32	32	32	32	58	84
19	75.44	83	34	34	34	34	34	32	32	32	58	84
20	79.48	87	35	35	35	35	35	32	32	32	58	84
21	83.52	91	38	38	38	38	38	32	32	32	58	84
22	87.56	93	41	41	41	41	41	32	32	32	58	84
24	95.65	103	45	45	45	45	45	32	32	32	58	84
26	103.73	111	32	32	32	35	35	32	32	32	58	84
28	111.82	119	35	35	35	35	35	32	32	45	58	84
30	119.90	127	35	35	35	40	40	32	32	45	58	84
32	127.99	135	40	40	40	40	40	32	32	45	58	84
36	144.16	152	45	45	45	45	45	32	32	45	58	84
40	160.33	168	45	45	45	45	45	32	32	45	58	84
44	176.50	184	45	45	45	45	45	32	32	45	58	84
48	192.67	200	45	45	45	48	48	32	32	45	58	84
60	241.18		45	45	48	50	57	34	34	46	59	86
72	289.69		45	45	48	50	57	34	34	46	59	86
84	338.20		45	45	48	50	57	34	34	46	59	86
96	386.71		45	45	48	50	57	34	34	46	59	86
120	483.73		50	50	55	57	62	34	34	46	59	86

### XH

Number of grooves	Outside diameter (mm)	Flange diameter (mm)	Maximum bore - (mm)			System widths - (mm)			Pulley weight - (kg)		
			Standard belt width (code)			Standard belt width (code)			Standard belt width (code)		
			200	300	400	200	300	400	200	300	400
18	124.55	142	50	50	50	67	94	121	5.10	6.40	8.10
20	138.70	155	55	55	55	67	94	121	6.20	7.80	9.80
22	152.85	170	65	65	65	67	94	121	7.60	9.40	11.80
24	167.00	184	70	70	70	67	94	121	9.10	11.30	14.20
26	181.14	198	80	80	80	67	94	121	10.80	13.30	16.60
28	195.29	212	70	70	70	67	94	121	10.30	12.30	14.70
30	209.44	227	70	70	70	67	94	121	11.20	13.30	15.80
32	223.59	240	75	75	75	67	94	121	12.80	15.10	17.90
40	280.19	297	80	80	80	67	94	121	17.40	20.20	23.40
48	336.78		85	85	85	89	92	119	18.20	21.90	24.00
60	421.68		85	85	85	89	92	119	21.00	25.40	30.50
72	506.57		85	85	85	89	92	119	26.10	31.20	37.70
84	591.46		90	90	90	89	102	119	32.00	37.20	40.80
96	676.35		90	90	90	89	102	119	37.90	43.70	47.80
120	846.14		90	90	90	89	102	119	49.30	54.50	59.60

# PREFERRED PULLEY RANGES

Pulley weight - (kg)					Flange diameter (mm)	Outside diameter (mm)	Number of grooves
Standard belt width (code)							
075	100	150	200	300			
0.65	0.65	0.85	1.10		63	55.22	14
0.85	0.85	1.10	1.40	2.00	71	63.31	16
1.10	1.10	1.50	1.80	2.60	79	71.39	18
1.20	1.20	1.70	2.10	2.90	83	75.44	19
1.40	1.40	1.80	2.30	3.20	87	79.48	20
1.60	1.60	2.20	2.60	3.60	91	83.52	21
1.70	1.70	2.30	2.80	4.00	93	87.56	22
2.00	2.00	2.60	3.40	4.70	103	95.65	24
1.40	1.40	1.70	2.30	3.30	111	103.73	26
1.60	1.60	1.90	2.50	3.60	119	111.82	28
1.70	1.70	2.10	2.90	4.20	127	119.90	30
2.20	2.20	2.60	3.20	4.30	135	127.99	32
2.70	2.70	3.20	3.80	5.20	152	144.16	36
2.80	2.80	3.50	4.10	5.60	168	160.33	40
3.10	3.10	3.70	4.40	5.90	184	176.50	44
3.30	3.30	4.00	4.80	6.60	200	192.67	48
4.50	4.50	5.70	7.10	9.40		241.18	60
5.30	5.30	6.40	8.00	10.60		289.69	72
6.20	6.20	7.30	9.10	11.70		338.20	84
7.20	7.20	8.70	10.90	14.20		386.71	96
11.40	11.40	12.30	16.60	21.20		483.73	120

## XXH

Number of grooves	Outside diameter (mm)
18	178.87
20	199.09
22	219.29
24	239.50
26	259.72
30	300.14
34	340.57
40	401.20
48	482.07
60	603.33
72	727.66
90	909.57

Pulley references in italics are mainly “made-to-order” designs.

# PULLEY TOLERANCES

## PULLEY\* BORE/FACE DIAMETER TOLERANCE SPECIFICATIONS

풀리는 허용 오차를 최소화한 정교한 제품을 권장합니다. 정교함이 떨어지는 제품이나 내경이 재가공된 제품은 구동성능을 떨어뜨릴 수 있습니다. 내/외경 허용오차는 다음의 표와 같습니다. 작업표면은 표면결함이 없어야 하며 3.2 $\mu$ m 또는 그 보다 낮아야 합니다.

### 피치 정밀도

본 페이지의 표에는 피치의 정밀도 허용오차가 나타나 있습니다.

### 나선형 앵글

치는 (Groove) 내경 축과 10mm 당 0.01mm 내에서 평행을 이루어야 합니다.

### DRAFT

최대 허용 draft는 표면 폭의 10mm 당 0.01mm 이며 외경 허용오차를 초과하여서는 안됩니다.

### 편심률

풀리 내경에서 외경 (OD)까지 허용량은 다음과 같습니다.

외경 (OD)mm	총 편심률 (표시기) mm
203까지	0.1

203초과 직경의 10mm 당 0.005 (표면 외경의 허용오차를 초과하여서는 안됨)

### 평행관계

풀리의 내경은 최대 0.51mm T.I.R. 반경의 10mm 당 0.01mm 내에서 풀리의 수직면과 직각을 이루어야 합니다.

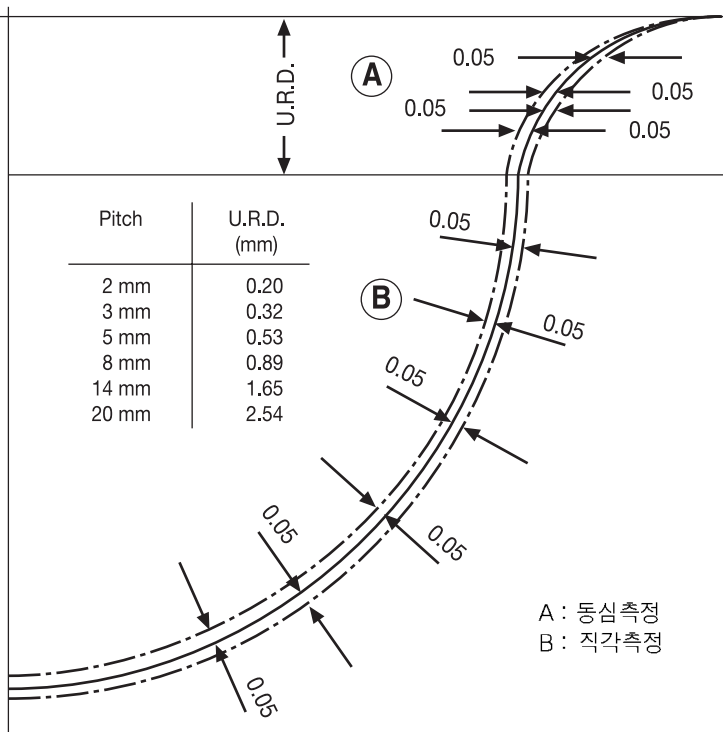
### 내경

B mm	D <sub>B</sub> (mm)	
	+	-
≤ 25	0.025	0.00
26-50	0.038	0.00
51-75	0.050	0.00
76 +	0.063	0.00

### 외경

OD mm	D <sub>OD</sub> (mm)	
	+	-
≤ 25.40	0.05	0.00
25.50-51.00	0.07	0.00
51.10-102.00	0.10	0.00
102.10-178.00	0.12	0.00
178.10-305.00	0.15	0.00
305.10-508.00	0.17	0.00
508.10 +	0.20	0.00

## PULLEY TOLERANCE BAND



### 피치 정밀도

OD mm	D <sub>p</sub> mm	D <sub>p90°</sub> mm
≤ 25.40	± 0.025	± 0.064
25.50-51.00	± 0.025	± 0.089
51.10-102.00	± 0.025	± 0.114
102.10-178.00	± 0.025	± 0.127
178.10-305.00	± 0.025	± 0.152
305.10-508.00	± 0.025	± 0.165
508.10 +	± 0.025	± 0.191

\*8M과 14M HTD<sup>®</sup> 풀리는 PowerGrip<sup>®</sup> GT3 벨트에 적합합니다.

## 1. PULLEY DIAMETER - SPEED

동력 전달 도표에서 오른쪽 아래 부분이 비어 있는 것은 풀리 림(RIM : 가장자리) 스피드가 40m/s를 초과하기 때문입니다. 원심력이 이 속도를 넘어서는 경우에는 주물 풀리의 사용을 금합니다. 림(rim : 가장자리) 스피드가 40m/s를 초과할 때는 Gates 및 Gates 판매 대리점에 연락하시기 바랍니다.

## 2. USE OF FLANGED PULLEYS

플랜지는 풀리에 벨트가 장착된 상태를 유지하기 위해 필요합니다. 탈선(tracking : 벨트의 심선 특성으로 인해 발생함) 특성으로 인하여 최상의 정렬상태를 구축한 드라이브의 경우라도 벨트가 풀리 모서리에서 벗어나기 마련입니다. 플랜지는 이러한 벨트 이탈을 방지해 줍니다. 풀리를 사용하는 모든 구동 조건에서 플랜지가 있는 풀리를 선택할 때에는 다음의 조건들을 고려하여야 합니다:

1. 2개의 풀리로 구동하는 모든 2축 구동 조건에 있어서 최소로 요구되는 플랜지는 2개인데 한 풀리에 2개를 장착하거나 각각의 풀리에 반대편으로 장착 할 수 있습니다.
2. 작은 풀리의 직경 보다 8배 이상 되는 축간거리를 가진 구동 조건에서는 두 개의 풀리 모두에 2개의 플랜지를 장착해야 하며 특별한 주의가 요구됩니다. 벨트의 구동 상태가 두 개 풀리 모두에서 양호한지 확인하십시오. 경우에 따라 두 개 풀리의 양면에 플랜지 처리가 되어야 할 필요도 있습니다. (158 페이지의 7 “벨트설치 및 드라이브 정렬”을 참조하시기 바랍니다.)
3. 2개가 넘는 풀리를 가진 드라이브 상에서 플랜지의 최소요건은 하나 건너 하나씩 풀리의 양쪽에 플랜지를 설치하거나 모든 풀리에 좌우 교대로 모두 플랜지를 장착하는 것입니다.

주문제작 풀리의 경우, 용접(welding), 열-변형(shrink-fit), fastener(잠금장치)등 이나 기타 동등한 방법을 사용하여 플랜지를 확실하게 조여주어야 합니다.

## 3. FIXED (NON-ADJUST CENTRES

Gates의 어플리케이션 엔지니어와 상담하시기 바랍니다.

## 4. IDLERS

아이들러의 사용은 기능적으로 반드시 필요한 경우에만 사용하도록 제한하고 있습니다.

축간 거리 조절이 불가능할 때 주로 장력을 주기 위해 이 아이들러(idler)를 사용합니다. 아이들러는 벨트가 장착된 span에서 느슨한 쪽에(이완측) 위치해야 합니다.

내부 아이들러에 대해서는 최대 40치까지 권장합니다. 풀리의 직경이 큰 경우에는 평평하고 굴곡(Uncrown)이 없는 아이들러를 사용할 수 있습니다. 내부 아이들러 직경은 시스템에서 가장 작은 풀리보다 작으면 안됩니다. 외부 또는 배면 아이들러는 평평한 것이어야 하며 플랜지는 권장하지 않습니다.

직경은 일반적으로 시스템에서 가장 작은 풀리보다 작으면 안됩니다. 느슨한 쪽에 스프링이 달린 아이들러를 사용할 수 있으며 이 경우에는 부하반전 및 공진현상을 피하기 위한 조치가 필요합니다.

## 5. OPERATING ENVIRONMENT

온도

Gates PowerGrip® GT3, PowerGrip® HTD®, PowerGrip® 벨트의 성능은 일반적으로 섭씨 영하 25도에서 영상100도 사이의 주변 온도환경에서는 특별한 영향을 받지 않습니다. 이 온도 범위를 벗어난 극한의 온도에서 벨트를 지속적으로 가동시킬 경우에는 Gates의 어플리케이션 엔지니어와 상의하시기 바랍니다.

항공기 드라이브

Gates 벨트는 항공기 또는 항공기 관련 어플리케이션에는 사용될 수 없습니다.

## 6. INSTALLATION AND TENSIONING ALLOWANCES

축간 거리에 대한 정보 제공은 결함 없이 벨트를 설치하고 적합한 장력을 유지할 수 있도록 도와줍니다. 표준 설치 유격은 벨트 설치를 위해 샤프트로부터 플랜지가 있는 풀리를 떼어낼 때 벨트 설치에 요구되는 축간 거리에서의 최소 감소량을 말합니다. 표준 설치 유격은 하기 표에 표시되어 있습니다. 이 표에 보시면 벨트가 적절한 장력을 유지할 수 있도록 하는데 요구되는 축간 거리에서의 최소 조절량 역시 표시되어 있습니다.

플랜지 풀리를 떼어내지 않고 그대로 그 위에 벨트를 설치해야 하는 경우라면 두 번째 표에 나타나 있는 설치를 위한 추가 축간 거리 공차를 반드시 첫 번째 표의 데이터에 추가 해야 합니다.

**Table No. 1**  
Centre distance allowance for installation and tensioning (mm)

Belt	Standard installation allowance ( angled pulleys removed for installation)	Tensioning allowance (any drive)
1000 mm and under	1.8	0.8
over 1000 mm to 1780 mm	2.8	0.8
over 1780 mm to 2540 mm	3.3	1.0
over 2540 mm to 3300 mm	4.1	1.0
over 3300 mm to 4600 mm	5.3	1.3

**Table No. 2**  
Additional centre distance allowance for installation over flanged pulleys

Belt type	One pulley angled (mm)	Both pulleys angled (mm)
3MGT, 3M, XL	8	14
5MGT, 5M, L	14	19
8MGT, 8M, H	22	33
14MGT, 14M, XH	36	58
20M, XXH	47	78

## 7. BELT INSTALLATION AND DRIVE ALIGNMENT

157 페이지에 있는 2개의 표에 따라서 벨트를 설치하는데 축간거리 조절을 할 수 없다면 아이들러의 위치를 바꿔줄 필요가 있습니다. 그러면 벨트가 쉽게 드라이브 안으로 맞아 들어갈 수 있습니다. 벨트를 설치할 때에는 플랜지 위로 절대 무리한 힘을 가하면 안됩니다. 무리한 힘을 가하게 되면 벨트의 신장성에 결함이 생길 수 있습니다.

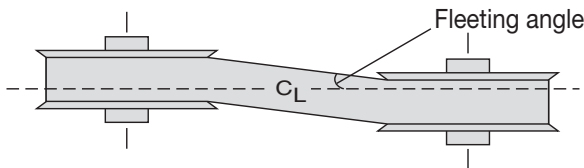
타이밍 벨트의 성능은 정렬상태불량에 의해 영향 받을 수 있으며 이런 경우에 벨트의 일부분만 집중적으로 마모되어 조기에 수명을 다할 수 있습니다.

미스얼라인먼트(misalignment)에는 다음과 같이 Parallel과 Angular 등 2가지 유형이 있습니다. Parallel 정렬상태 불량은 구동과 종동 샤프트가 평행을 이루지만 2개의 풀리가 다른 판에 자리하고 있는 것을 말합니다. 2개의 샤프트가 평행을 이루지 않는 경우 드라이브는 각도 면에서 정렬불량이 됩니다.

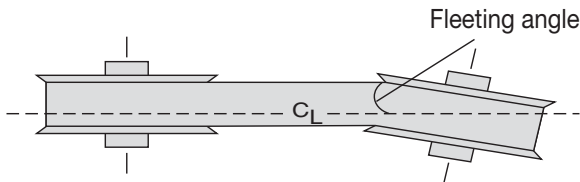
Fleeting Angle(지나가는 앵글)이란 벨트가 풀리를 드나들 때 생기는 각을 말하며 Parallel과 Angular 정렬상태불량 총합계와 동일합니다. 모든 타이밍 벨트의 정렬상태불량은 축간거리의 미터 당 5mm 또는 1/4°를 초과하여서는 안됩니다. 정렬상태는 상태가 좋은 직선 자를 이용해 확인 할 수 있습니다. 직선 자로 검사를 할 때는 구동에서 종동으로 다시 종동에서 구동으로 확인하는데 이런 방법을 통해 parallel과 angular의 틀어짐을 확인 할 수 있습니다.

드라이브 정렬상태불량은 또한 벨트 트래킹(tracking) 문제를 초래할 수도 있습니다. 그러나 미미한 트래킹은 정상적인 것이며 성능에 아무 영향도 주지 않습니다.

Parallel misalignment



Angular misalignment



## 8. BELT STORAGE AND HANDLING

벨트를 보관 할 때 습도, 오일, 극한의 온도, 직사광선, 오존도가 높은 환경은 피해 주시기 바랍니다. 벨트는 원 포장 상태 그대로 보관해야 하며 벨트에 손상을 가할 수 있는 과도한 굽힘이나 꺾기 등은 피해주시요.

## 9. EFFICIENCY

선정 절차를 정상적으로 따른 결과의 타이밍 벨트는 이 물림 운전의 특성에 따라 slip이 없게 되고 정확한 구동을 가능하게 하여 98% 이상의 효율을 발휘합니다. 타이밍 벨트를 이용한 운전의 효율은 다음과 같이 계산할 수 있습니다:

$$\% \text{ efficiency} = \frac{\text{DN rpm} \times \text{DN Torque}}{\text{DR rpm} \times \text{DR Torque}} \times 100$$

타이밍 벨트 구동에서 에너지 손실은 토크(torque)와 속도(Speed)의 두 가지 항목을 고려 할 수 있는데 토크(Torque) 손실은 굽힘 응력과 마찰에 기인한 손실입니다.

윤활제 없이 구동되는 체인 드라이브는 롤러 조인트에서의(roller joint) 마찰증가로 인해 현저하게 열이 발생합니다. 적절한 윤활조치를 취한 체인 구동 장치라 하더라도 스피드가 높을 때에는 원심력에 의해 오일이 떨어져 나가게 되는데 결국 부하를 전달하는 금속 조인트 부품들의 표면에 처리된 윤활제들이 사라지게 됩니다. 그 결과 체인 드라이브의 일반적인 효율은 약 92 ~ 98% 정도 수준입니다.

벨트 구동 부분은 전체 system에 있어 하나의 부분이며 효율을 논할 때 모터 용량의 적합성도 중요한 인자가 될 수 있습니다. 모터는 요구되는 파워에 맞는 충분한 용량을 갖고 있어야 하지만 반면 용량을 너무 초과할 경우에도 역시 전기적으로 부적절한 결과를(효율 저하) 초래합니다. 피동 측이 (Driven part) 본질적으로 비효율성을 갖고 있을 수 있으나 이것을 구동 효율을 평가하는 인자로 고려하지는 않습니다.



# ENGINEERING DATA

## 10. INSTALLATION TENSION

타이밍 벨트는 벨트와 pulley의 이(teeth) 물림에 의해 운동되기 때문에 높은 설치 장력을 필요로 하지는 않습니다.

그러나 최적의 벨트 성능을 이루고자 할 때에는 운전 특성에 맞는 적절한 설치 장력을 적용하는 것이 좋습니다.

필요한 장력은 아래 식으로부터 계산된 최대값과 최소값 사이에 있습니다. 일반적인 가이드로서 최소값의 낮은 장력은 경-부하 또는 완만한 운전 조건에 사용하고, 최대값의 높은 장력은 큰 충격 부하(shock load) 또는 정지-기동이 잦은 조건에 사용합니다.

### A. 권장 최대 설치 장력

$$T_{st} = 600 \frac{P}{V}$$

Where:  $T_{st}$  = static tension (N)  
 $P$  = power (kW)

### B. Span 휨 - 힘 (deflection forces)

#### 1. 최대 설치 장력

$$F = \frac{P \times 60}{v} \text{ (N)}$$

#### 2. 최소 설치 장력

$$F = \frac{P \times 25}{v} \text{ (N)}$$

높은 deflection-force는 충격 부하(shock load) 예상될 때 적용합니다.

낮은 deflection-force는 완만한 운전 조건의 구동에 사용할 수 있습니다.

#### 3. 벨트 Deflection

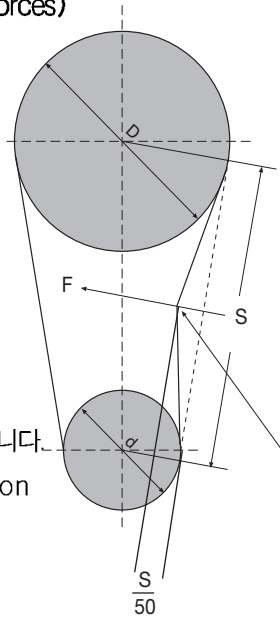
$$\text{belt deflection} = \frac{S}{50} \text{ (mm)}$$

#### Note:

$$v = \frac{\text{Pitch} \times N \times \text{rpm}}{60\,000}$$

Where

- $P$  = transmitted power (kW)
- $F$  = deflecting force
- $v$  = belt speed (m/s)
- $S$  = belt span length (mm)
- $N$  = number of grooves in driveR
- rpm = rpm of driveR



## 11. BELT TOLERANCES

### 타이밍 벨트 폭 허용오차

Belt width mm	Belt width tolerances in mm		
	Belt lengths 0-838 mm	Belt lengths 839-1676 mm	Belt lengths 1677+ mm
3-11	+0.4 -0.8	+0.4 -0.8	
12-38	+0.8 -0.8	+0.8 -1.2	+0.8 -1.2
39-51	+0.8 -1.2	+1.2 -1.2	+1.2 -1.6
52-64	+1.2 -1.2	+1.2 -1.6	+1.6 -1.6
65-76	+1.2 -1.6	+1.6 -1.6	+1.6 -2.0
77-102	+1.6 -1.6	+1.6 -2.0	+2.0 -2.0
102-178	+2.4 -2.4	+2.4 -2.8	+2.4 -3.2
178+			+4.8 -6.4

### 타이밍 벨트 축간 거리 허용오차

Belt length mm	Belt centre distance tolerances in mm	
	PowerGrip®/ PowerGrip® HTD®	PowerGrip® GT3
127-254	±0.20	±0.20
255-381	±0.23	±0.23
382-508	±0.25	±0.23
509-762	±0.30	±0.27
763-1016	±0.33	±0.30
1017-1270	±0.38	±0.32
1271-1524	±0.41	±0.36
1525-1778	±0.43	±0.39
1779	(±0.43)	±0.42
	(±0.025 mm per 254 mm)	(±0.025 mm per 250 mm)

### 중요사항

벨트를 교체, 정비 할 경우 탈거 전에 장력을 측정하여 재설치시 적용하도록 하십시오.

## 12. CHECK BELT TENSION BY USE OF GATES SONIC TENSION METER

일반적인 벨트의 장력 확인 방법은 다음과 같습니다.

- A. Span길이 100mm당 2mm의 값으로 벨트 처짐을 만들 수 있는 값을 힘(N)을 구하고 span의 중앙에서 그 실제 값을 측정한다.
- B. 측정된 힘이 구해진 값 보다 작을 때에는 벨트의 장력을 증가 시킨다.
- C. 새 벨트를 사용 할 경우 구해진 값의(처짐 힘) 최대치 까지 장력을 줄 수 있다.
- D. 용이한 장력 측정을 위하여 Gates에서는 Sonic Tension Meter를 개발하였습니다.

### 음파 장력 측정기

음파 장력 측정기(Sonic Tension Meter)는 벨트를 튕겼을 때 벨트에서 발생하는 음파를 분석함으로써 장력을 측정할 수 있도록 고안된 음파식 장력 측정기입니다. 벨트는 장력과 질량 및 전장길이와 연관하여 특정 주파수에서 떨리게 되어 있습니다.

장력 테스트기는 이 주파수를 장력 값으로 변환해 표시합니다. STM(Sonic Tension Meter)는 한손에 잡을 수 있는 작은 크기이며 전기 배터리로 구동됩니다. 또한 flex type과 hard type의 2종류의 센서 사양이 있으며 장착과 탈거가 용이하게 설계되어 있습니다.

1. 벨트의 단위 중량(사용 매뉴얼 참조), Span 길이 및 폭을 키 패드를 이용해 입력합니다. 측정기 전원을 꺼도 입력된 데이터는 그대로 남아 있습니다.
2. 센서를(마이크) 벨트에 가까이 대고 벨트를 살짝 튕겨 진동을 만듭니다.
3. "measure" 버튼을 누릅니다. 벨트에서 발생하는 음압을 컴퓨터 프로세서를 통해 진동으로 처리 합니다. 벨트의 장력 값이 Newton 단위로 화면에 표시됩니다. 필요 하다면 벨트 주파수를 Hz 단위로 직접 표시 할 수도 있습니다.

타사 벨트의 장력 측정이나 다른 제품에 응용하고자 한다면 한국케이츠(주) 또는 한국케이츠(주) 대리점에 문의 하시기 바랍니다.

사용법에 대한 자세한 내용은 Gates sonic tension meter 매뉴얼(E/20136)을 참고하시기 바랍니다.

### 주의사항

Gates STM은 폭발 위험이 있는 지역에서의 사용은 인증 되지 않았습니다.



## 기존의 장력 측정기

STM과 달리 Gates 기존의 장력 측정기들은 처짐 량에 대한 힘을 측정하는 것입니다. Single tension tester는  $\pm 120\text{N}$ 까지 측정하며 Double tension tester는  $\pm 300\text{N}$ 까지 측정합니다. 2개의 측정기 모두 2개의 눈금과 정확히 계측된 스프링으로 구성되어 있습니다: 눈금 중 하나는 처짐량을 측정하는 것이고 다른 하나는 누르는 힘을 측정하는 것입니다.

이 측정기의 눈금을 읽는 방법은 다음과 같습니다.

1. Span의 길이( $t$ )를 측정합니다.
2. 계산된 처짐 량은(Span/50) 거리 눈금에 있는 아래 쪽 링(ring)에서 값을 맞춥니다. 위쪽 링(ring)은 누르는 힘의 눈금에서 "0"에 맞춥니다.
3. Span의 중간에서 수직 방향으로 장력 테스트기를 위치 시킵니다. 아래쪽 링(ring)이 가리키는 처짐 양 만큼 벨트가 처지도록 측정기에 충분한 압력을 가합니다. 두 개의 폴리 사이를 연결한 직선 자가 있다면 처짐 량의 측정치를 더욱 정확히 읽을 수 있습니다.
4. 위쪽 링(ring)은 측정기가 처짐에 따라 반대로 위로 올라가면서 현재의 누름 힘을 표시하게 됩니다. 링(ring)의 값(아래 모시리)을 읽습니다. Double Tension Tester를 사용할 때에는 두 개 링의 합계를 계산하면 됩니다. 측정된 값을 계산된 최대/최소 힘과 비교해 봅니다. (159 페이지 installation tension에서 공식 참조)

# USEFUL INFORMATION

## 1. FORMULAE

### PITCH DIAMETER

$$d = \frac{N \times p}{\pi}$$

$$i = \frac{r}{R} = \frac{N}{n} = \frac{D}{d}$$

### WRAP ANGLE

$$\beta = 2 \cos^{-1} \left[ \frac{D-d}{2C} \right]$$

### TEETH IN MESH

$$TIM = n \frac{\beta}{360}$$

$$\text{or } TIM = n \left[ 0.5 - \frac{(N-n)}{18.85 \times Nc} \right]$$

### BELT LENGTH

$$L = 2C \sin \frac{\beta}{2} + \frac{\pi}{2} \left[ (D+d) + \left(1 - \frac{\beta}{180}\right) (D-d) \right]$$

$$\text{for } i = 1? \beta = 180^\circ, \sin \left(\frac{\beta}{2}\right) = 1, \text{ for } D = d? L = 2C + \pi D$$

### CENTRE DISTANCE

$$C = \frac{1}{2 \sin \frac{\beta}{2}} \left\{ L - \frac{\pi}{2} \left[ (D+d) + \left(1 - \frac{\beta}{180}\right) (D-d) \right] \right\}$$

$$\text{for } i = 1? \beta = 180^\circ, \sin \left(\frac{\beta}{2}\right) = 1, \text{ for } D = d? C = \frac{1}{2} (L - \pi D)$$

### APPROXIMATE BELT LENGTH

$$L = 2C + \frac{\pi}{2} (D+d) + \frac{(D-d)^2}{4C}$$

## 2. UNITS OF MEASUREMENT

kW	=	kilowatts
Nm	=	newton metre
N	=	newton
J	=	joule
s	=	second
mm	=	millimetre
m/s	=	metre/second
kg	=	kilogramme
g/m	=	gramme/metre

## 3. ABBREVI

$\beta$	=	wrap angle
C	=	centre distance (mm)
D	=	pitch circle diameter of large pulley (mm)
d	=	pitch circle diameter of small pulley (mm)
DN	=	driven pulley
DR	=	driver pulley
F	=	force (N)
i	=	speed ratio
L	=	belt length (mm)
N	=	number of grooves of large pulley
n	=	number of grooves of small pulley
Nb	=	belt length in number of pitches
Nc	=	centre distance in number of pitches
p	=	pitch
P	=	transmitted power (kW)
R	=	speed of large pulley (rpm)
r	=	speed of small pulley (rpm)
S	=	belt span length (mm)
T	=	torque (Nm)
T.I.M.	=	teeth in mesh
T.I.R.	=	total indicator reading
U.R.D.	=	upper reference depth
v	=	belt speed (m/s)

## 4. CONVERSION T

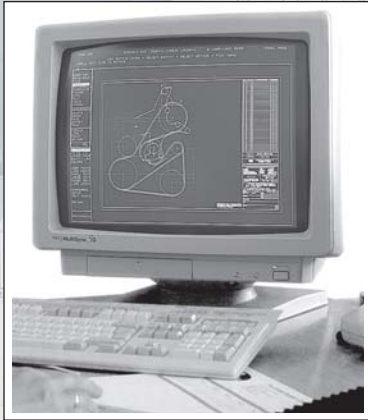
1 lbf	=	0.454 kgf
1 lbf	=	4.448 N
1 kgf	=	9.807 N
1 lbf in	=	0.113 Nm
1 ft	=	0.3048 m
1 in	=	25.4 mm
1 ft <sup>2</sup>	=	0.093 m <sup>2</sup>
1 in <sup>2</sup>	=	645.16 mm <sup>2</sup>
1 ft <sup>3</sup>	=	0.028 m <sup>3</sup>
1 in <sup>3</sup>	=	16.387 mm <sup>3</sup>
1 oz	=	28.35 g
1 lb	=	0.454 kg
1 imp. ton	=	1.016 tonne
1 imp. gal	=	4.546 litres
1 imp. pint	=	0.568 litre
1 radian	=	57.296 degrees
1 degree	=	0.0175 radian
1 horsepower	=	0.746 kW



## DESIGNFLEX CALCULATION SOFTWARE

윈도우 기반의 소프트웨어인 DesignFlex Pro를 이용하거나 Gates의 디자인 매뉴얼을 이용하여 application에 적합한 벨트 선정 작업을 직접 할 수 있으며 이 프로그램은 CD-ROM으로도 공급되지만 Gates 웹사이트(www.gates.com)에서 다운로드 받을 수도 있습니다. 프로그램은 사용자가 단계별로 구동 조건에 대한 정보를 입력하게 구성되어 있으며 입력한 구동 조건 또는 기준에 준하여 타이밍 벨트와 V-벨트 모두에 대한 계산 결과를 제공합니다.

DesignFlex Pro에서 필요로 하는 운영 체제는 Windows 95, 98, 2000, NT, Millennium 등이며 computer system은 펜티엄 프로세서 133이상과 800 x 600 이상의 모니터 해상도를 필요로 합니다. 최소 32MB RAM 이상이 되어야 만족 할 만한 속도로 계산이 이루어집니다.



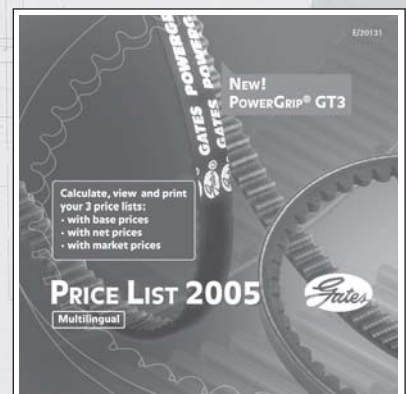
## GATES' APPLICATION ENGINEERS AT YOUR SERVICE

Gates 디자인 매뉴얼이나 DesignFlex 소프트웨어로 어플리케이션에 적합한 벨트의 선정이 어렵다면 Gates 또는 가까운 Gates Korea의 (www.gates.co.kr) 대리점으로 문의하시기 바랍니다. Gates는 고객이 벨트 drive system을 검토 하는데 있어 기술적인 어려움을 문의한다면 언제라도 최고의 서비스를 무상으로 제공할 준비가 되어 있습니다.

저희 Gates의 기술진들은 DESIGN IQ라는 아주 강력한 소프트웨어 프로그램을 사용하여 다양하고 복잡한 운전특성(duty cycle)을 가진 다축구동 system(multiple pulley drive)까지 계산해 낼 수 있습니다. 이 소프트웨어에 (Design IQ) 대한 좀더 자세한 정보는 Gates Korea에 (www.gates.co.kr) 문의하시기 바랍니다.

## ELECTRONIC PRICE LIST

산업용 Power Transmission 제품에 대한 Gates의 전자 카달로그는 CD-ROM에서 이용 가능하며, 사용자로 하여금 제품번호, 바코드, 제품 설명, 타입, 프로파일, 치수 등으로 파워 트랜스미션 제품군에서 어느 제품이라도 손쉽게 선택할 수 있도록 해줍니다. 벨트 프로파일 그림과 컬러 사진으로 보다 명확한 확인이 가능합니다. CD-ROM상의 정보는 6개국어로 출시됩니다.



## GATES LITERATURE

기타 다른 Gates의 산업용 벨트 제품 및 관련 문건에 대한 최신 정보에 대해서는 저희 웹사이트 www.gates.com 또는 www.gates.co.kr에서 확인 하시기 바랍니다. 산업용 동력 전달 제품의 안내 책자 등을 웹사이트에서 무료로 다운로드 받으실 수 있습니다.

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### 중요사항

본 책자에 포함된 정보에 대한 고객의 이해와 정확성을 기하기 위하여 가능한 모든 노력을 기울였습니다. 그러나 본 책자가 인쇄된 이후에 발생한 수정/누락 및 오타 등에 관한 책임에 대해서는 Gates가 전적으로 갖고 있지는 않습니다. 또한 Gates Korea 또는 Gates Korea의 대리점 등과의 사전 상담 없이 Gates 제품이 어떤 예외적이고 특수한 상황에서 사용되는 경우에 대한 책임 역시 지지 않습니다.

본 책자의 발행은 2009년 9월이며 이전의 모든 Gates 타이밍 벨트 드라이브 디자인 매뉴얼 버전을 대신 합니다. 갖고 계신 드라이브 디자인 매뉴얼이 2년 이상 되었다면 최신 버전에 대해 Gates Korea 또는 Gates Korea 대리점에 문의하시기 바랍니다.

본 책자에서 필요 시 세부내용에 대한 수정권한은 제조사에 있습니다.

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산업용벨트 사업팀

본사 : 대구광역시 달성군 논공읍 본리리 29-195

서울사무소 : 서울특별시 금천구 독산동 1006-71

TEL : (053) 610-6031 ~ 6

FAX : (053) 610-6096