



**CAPT** 凯普特传动  
POWER TRANSMISSION

**41**  
— SINCE 1986 —  
CAPT POWER TRANSMISSION  
1986-2026

**CAPT** 凯普特传动  
POWER TRANSMISSION



Web: [www.chssb.com](http://www.chssb.com)  
Tel: +86-311-68018088  
Email: [chssbiec@chssb.com](mailto:chssbiec@chssb.com)  
Add: No.1 Guoxing Street, Gaocheng New District, Shijiazhuang, Hebei, 052160, P.R. China



**SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.**

# COMPANY PROFILE



Shijiazhuang CAPT Power Transmission Co., Ltd. is a comprehensive manufacturer specializing in precision mechanical power transmission products, integrating research and development, production, and sales.

For 40 years, the CAPT has been committed to delivering high-quality, high-precision, and efficient products to customers worldwide.

Today, the "CAPT" brand is widely recognized in both domestic and international markets as a trusted name in premium mechanical power transmission solutions.



# CORPORATE CULTURE

见贤思齐



## CORPORATE MISSION:

Develop new technology  
Manufacture high-end products  
Serve the global industry

## CORPORATE SPIRIT:

Study | Practice  
Progress | Innovation

## BUSINESS PHILOSOPHY:

Focus on customer needs and lead progress  
Better quality builds the CAPT brand  
Sincere service drives CAPT values

## CORE VALUES:

Virtue drives trust

## CORPORATE STYLE:

Continuous growth  
Emphasizing solidarity  
Utilizing science  
Strive for efficiency

## ACTION PRINCIPLES:

Rapid response,  
Superior ingenuity

## TALENT STRATEGY:

Respect morality  
Encourage kindness

## QUALITY VIEW:

World-class quality,  
Exceptional engineering



# **CAPT-DHT™**

## **Double Helical Teeth (DHT) Timing Pulley** **High-precision Transmission, Quieter, more Stable, more Energy-efficient, and longer Service Life**



**8M-14M**  
**Full Range of Products**

### **Advantages of Double Helical Teeth (DHT) Timing Pulleys:**

- **20% Noise Reduction:** Engineered for near-silent operation and a superior working environment.
- **Axial Force Elimination:** Herringbone tooth geometry cancels lateral thrust for ultra-stable power transmission. High load capacity and shear resistance for greatly extended service life.
- **Self-Aligning & Flange-Free:** Automatic centering enables a compact, space-saving design and simplified installation.
- **High Load & Shear Resistance:** Robust construction significantly extends service life under heavy industrial stress.
- **Low Friction & Low Energy Loss:** Optimized for continuous, high-efficiency operation with reduced power consumption.
- **Anti-Static & Anti-Oxidation:** Built for safety, reliability, and long-term durability in challenging environments.



### **Key Advantages of Taper Bore (TB) Installation:**

- **Single-Tool Installation:** Rapid setup with just one hex wrench—no specialized equipment required.
- **Modular Maintenance:** Replace only the bushing instead of the entire component to slash repair costs and downtime.
- **Built-in Overload Protection:** Designed to provide a degree of slip under extreme stress, shielding your equipment from catastrophic failure.
- **Precision Tapered Locking:** High-concentricity fit ensures vibration-free stability during high-speed operation.
- **Universal Compatibility:** A comprehensive range of specifications to fit virtually any industrial application.
- **Enhanced System Longevity:** Protects shafts and critical drive components to extend the total service life of your machinery.

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

The Double Helical Teeth (DHT) Timing Pulley can be used with BTL bushings or in combination with keyless locks, featuring flexible assembly, high connection rigidity, and convenient assembly and disassembly, which perfectly meets the diverse installation and application requirements of industrial transmission systems.

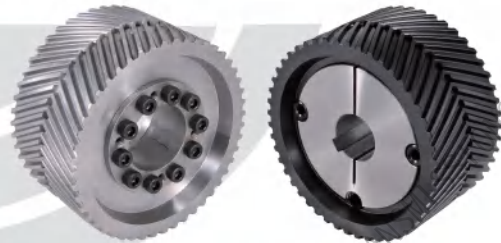
**NEW**



### Advantages of Keyless Locking Assemblies:

- **Simplified Installation & Removal:** No heating or press-fitting required—achieve a perfect fit in a single step.
- **Reduced Machining Costs:** Relaxes shaft and hub tolerance requirements, significantly lowering production expenses.
- **Backlash-Free Keyless Connection:** Eliminates keyway stress concentration for stable transmission and a longer service life.
- **Flexible Positioning & Overload Protection:** Allows for easy axial and angular adjustment while providing a friction-based safety slip during overloads.
- **Extreme Temperature Resilience:** Engineered to perform reliably across a wide range of environmental conditions.
- **Precision Power Transmission:** High-efficiency, maintenance-free coupling for maximum operational "peace of mind."

**Upgraded Product**



### Advantages of Adopting CAPT-BTL Steel Taper Bushings:

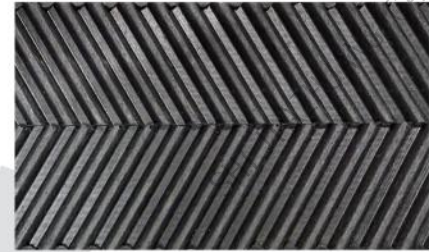
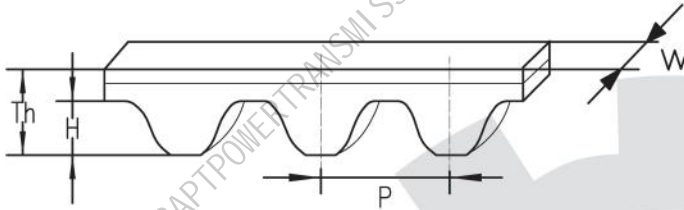
- **Universal Standardization:** Wide compatibility and economical pricing for low-cost, high-efficiency implementation.
- **High Concentricity:** Stable power transmission with a secure fit that prevents keyway distortion or "key rolling."
- **High-Strength Steel Construction:** Engineered for heavy-duty loads and superior impact resistance compared to cast iron.
- **Precision Tapered Locking:** Ensures high-accuracy alignment for smooth, high-efficiency operation.
- **Streamlined Maintenance:** Quick installation and removal; simple component replacement without damaging the shaft or hub.
- **Exceptional Value & Longevity:** A long-lasting, eco-friendly solution that maximizes energy efficiency and service life.

**Full-Range C45 Steel TB Taper Bushings A1008-A5050 A6050-A120100**

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

Timing pulley and belt compatibility and parameters are listed below:



Timing Belt Cross-section

Timing Pulley Parameters				
Pulley Specification	Contitech Pulley Specification	Pitch(P)mm	Tooth Width mm	Teeth Range(Z)
8M16	Y	8	17	18~224
8M32	W	8	33	18~224
8M64	P	8	65	18~224
14M35	B	14	37	28~168
14M53	G	14	54.5	28~168
14M70	O	14	72	28~168
14M105	R	14	107	28~168

### Recommended matching double helical teeth belt size chart



CAPT's Pulley Specification	Parameters of DHT Belts(mm)			
	Pitch(P)	Width(W)	Thickness(Th)	Tooth Height(H)
8M16	8	16	5.33	3.05
8M32	8	32	5.33	3.05
8M64	8	64	5.33	3.05
14M35	14	35	8.64	5.33
14M53	14	52.5	8.64	5.33
14M70	14	70	8.64	5.33
14M105	14	105	8.64	5.33

# CAPT-BTL™

## C45 Taper Bushing



**High strength, High precision,  
High cost effectiveness, Safe and  
reliable, Environmentally friendly,  
Energy conservation and consumption  
reduction**

### BTL TAPER BUSHING INSTALLATION INSTRUCTIONS

#### TO ASSEMBLE

1. Clean and degrease the bore and taper surfaces of the bush and the tapered bore of the pulley. Insert the bush into the pulley hub and line up holes (half thread holes must line up with half unloading holes)

2. Lightly oil the grub screws (bush size 1008 to 3030) or the cap screws (bush size 3535 to 5050) and screw them in, not tighten yet.

3. Clean and degrease the shaft. Fit pulley with taper bush on shaft and locate in desired position.

4. When using a key it should firstly be fitted in the shaft Keyway. There should be a top clearance between the key and the keyway in the bore.

5. Using a hexagon socket wrench gradually tighten the grub or cap screws in accordance with the torques as listed in the schedule of screw tightening torques.

6. When the drive has been operating under load for a short period (half to one hour) check and ensure that the screws remain at the appropriate tightening torque.

7. In order to eliminate the ingress of dirt, fill all empty holes with grease.

BUSH	SCREW TIGHTENING TORQUES(Nm)	SCREW	
		QUANTITY	SIZE
1008 1108	5.6	2	1/4" BSW
1210 1215	20	2	3/8" BSW
1310 1315	20	2	3/8" BSW
1610 1615	20	2	3/8" BSW
2012	31	2	7/16" BSW
2517	48	2	1/2" BSW
3020 3030	90	2	5/8" BSW
3535	112	3	1/2" BSW
4040	170	3	5/8" BSW
4545	192	3	3/4" BSW
5050	271	3	7/8" BSW

The BTL taper bushings are registered patent products. Any production and sale should be authorised and permitted.

#### Special Note

BTL bushings are made of C45.  
We can also offer other materials according to customers' requirements.

We can do surface coating according to the customers' requirements. \*(such as black phosphating, black oxidizing, zinc plating, nickel plating and so on)

Each part is individually boxed.

BTL bushings are inserted with high quality grade 12.9 screws.

# CAPT-BTL™

## C45 Taper Bushing

### Allowable Torque (Nm) Data of BTL Bushings 1008-5050

Taper Bushing Specification	Allowable Torque(Nm)
1008	80-101
1108	116-180
1210	196-322
1215	196-322
1310	386-470
1610	255-393
1615	255-393
2012	414-568
2517	650-1090
2525	694-1090
3020	1675-1925
3030	1725-1925
3535	2760-4080
4040	4132-4980
4545	9750-12500
5050	20800-23000

Fundamental Equations for Allowable Torque and Power Transmission:

T: Torque (Nm)  
P: Power (kW)  
n: Rotational Speed (rpm)

$$T = \frac{P \times 9550}{n}$$

Power Calculation:

$$\text{Power (kW)} = \frac{\text{Torque} \times \text{Rotational Speed}}{9550}$$

Torque Calculation:

$$\text{Torque (Nm)} = \frac{\text{Power} \times 9550}{\text{Rotational Speed}}$$

Horsepower Calculation:

$$1 \text{ Horsepower (Ps)} = 0.7355 \text{ Power (kW)}$$

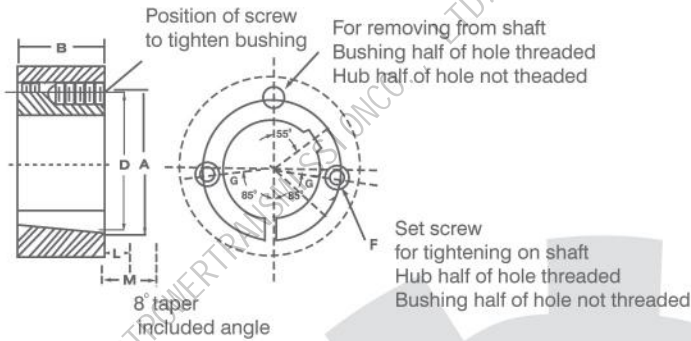


CAPT BTL steel bushing torque ratings (Nm) scale with the bore diameter. Detailed allowable torque values can be found in the national standard GB/T 32220-2015.

# CAPT-BTL™

# C45 Taper Bushing

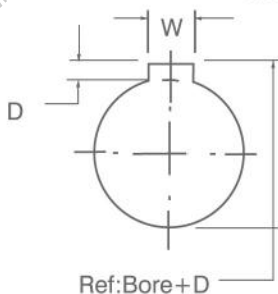
**A1008-A120100**  
**Full series C45**  
**steel**



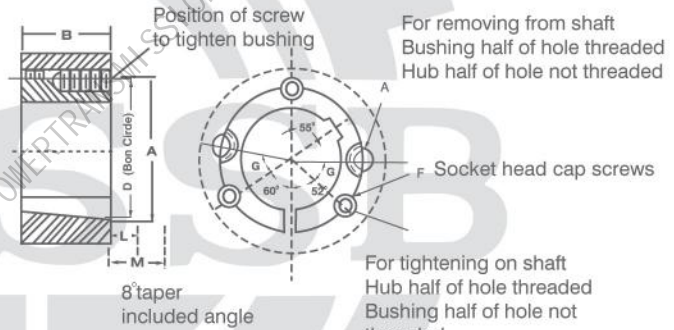
**Dimensions for 1008 thru 3030 BTL Taper Bushings**

BUSH	A	B	D	Set Screws
1008	1.386	7/8	1 21/64	1/4x1/2
1108	1.511	7/8	1 29/64	1/4x1/2
1210	1 7/8	1	1 3/4	3/8x5/8
1215	1 7/8	1 1/2	1 3/4	3/8x5/8
1310	2	1	1 7/8	3/8x5/8
1610	2 1/4	1	2 1/8	3/8x5/8
1615	2 1/4	1 1/2	2 1/8	3/8x5/8
2012	2 3/4	1 1/4	2 5/8	7/16x7/8
2517	3 3/8	1 3/4	3 1/4	1/2x1
2525	3 3/8	2 1/2	3 1/4	1/2x1
3020	4 1/4	2	4	5/8x1 1/4
3030	4 1/4	3	4	5/8x1 1/4

Two screws required



MM Bore keyway dimensions conform to ISO standard  
Depth measured at centerline



**Dimensions for 3535 thru 5050 BTL Taper Bushings**

BUSH	A	B	D	Set Screws	G
3535	5	3 1/2	4.83	1/2x1 1/2	40°
3525	5	2 1/2	4.83		
4040	5 3/4	4	5.54	5/8x1 3/4	40°
4030	5 3/4	3	5.54		
4545	6 3/8	4 1/2	6.13	3/4x2	40°
4535	6 3/8	3 1/2	6.13		
5050	7	5	6.72	7/8x2 1/4	37°
5040	7	4	6.72		

Three screws required



# CAPT-BTL™

# C45 Taper Bushing KEYWAY

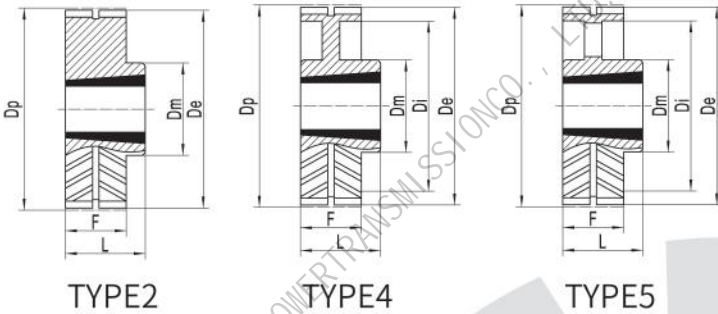
DIN 6885  
JIS B 1301-1996  
GB/T 1095-2003

## METRIC DIMENSIONS KEYWAY STANDARD (SERIES A)

Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway
1008	10	3x1.40	1610	14	5x2.30	2517	20	6x2.80	3020	25	8x3.30	3535	35	10x3.30	4545	55	16x4.30
	11	4x1.80		16			22			28			38			60	18x4.40
	12	5x2.30		18			24			30			40			45	22x5.40
	14			19	25		32	48		25x5.40							
	16			20	28		35	50		28x6.40							
	18	6x2.80		22	30		38	42		30	32x7.40						
	19			24	32		40	45		35	35x8.40						
	20			25	35		42	50		40	40x9.40						
	22	8x3.30		28	38		45	50		45	45x10.40						
	24			30	40		55	50		50x11.40							
	25			32	42		60	55		55x12.40							
	28	8x2.00		35	45		55	60		60	60x13.40						
	30			38	48		65	65		65x14.40							
	32			40	50		70	70		70x15.40							
	35	4x1.30		42	55		60	75		75	75x16.40						
40	3x1.40	45	60	65	80	80	80x17.40										
45	4x1.80	48	65	70	85	85	85x18.40										
50		50	75	90	90	90x19.40											
55		55	80	95	95	95x20.40											
60	5x2.30	60	60	65	70	70	70x21.40										
65	6x2.80	65	65	70	75	75	75x22.40										
70		70	75	80	80	80x23.40											
75		75	80	85	85	85x24.40											
80	8x3.30	80	80	85	90	90	90x25.40										
85		85	90	95	95	95x26.40											
90		90	95	100	100	100x27.40											
95	5x2.30	100	100	105	105	105x28.40											
100	6x2.80	105	105	110	110	110	110x29.40										
105		105	110	115	115	115x30.40											
110		110	115	120	120	120x31.40											
115	8x3.30	115	115	120	125	125	125x32.40										
120		120	125	130	130	130x33.40											
125		125	130	135	135	135x34.40											
130	4x1.80	130	130	135	140	140x35.40											
135	5x2.30	135	135	140	145	145x36.40											
140		140	145	150	150x37.40												
145		145	150	155	155x38.40												
150	6x2.80	150	150	155	160	160x39.40											
155	6x2.80	155	155	160	165	165x40.40											
160		160	165	170	170x41.40												
165		165	170	175	175x42.40												
170	8x3.30	170	170	175	180	180x43.40											
175	8x3.30	175	175	180	185	185x44.40											
180		180	185	190	190x45.40												
185		185	190	195	195x46.40												
190	5x2.30	190	190	195	200	200x47.40											
195	6x2.80	195	195	200	205	205x48.40											
200		200	205	210	210x49.40												
205		205	210	215	215x50.40												
210	6x2.80	210	210	215	220	220x51.40											
215	8x3.30	215	215	220	225	225x52.40											
220		220	225	230	230x53.40												
225		225	230	235	235x54.40												
230	5x2.30	230	230	235	240	240x55.40											
235	6x2.80	235	235	240	245	245x56.40											
240		240	245	250	250x57.40												
245		245	250	255	255x58.40												
250	8x3.30	250	250	255	260	260x59.40											
255	8x3.30	255	255	260	265	265x60.40											
260		260	265	270	270x61.40												
265		265	270	275	275x62.40												
270	5x2.30	270	270	275	280	280x63.40											
275	6x2.80	275	275	280	285	285x64.40											
280		280	285	290	290x65.40												
285		285	290	295	295x66.40												
290	6x2.80	290	290	295	300	300x67.40											
295	8x3.30	295	295	300	305	305x68.40											
300		300	305	310	310x69.40												
305		305	310	315	315x70.40												
310	5x2.30	310	310	315	320	320x71.40											
315	6x2.80	315	315	320	325	325x72.40											
320		320	325	330	330x73.40												
325		325	330	335	335x74.40												
330	8x3.30	330	330	335	340	340x75.40											
335	8x3.30	335	335	340	345	345x76.40											
340		340	345	350	350x77.40												
345		345	350	355	355x78.40												
350	5x2.30	350	350	355	360	360x79.40											
355	10x3.30	355	355	360	365	365x80.40											
360		360	365	370	370x81.40												
365		365	370	375	375x82.40												
370	6x2.80	370	370	375	380	380x83.40											
375	8x3.30	375	375	380	385	385x84.40											
380		380	385	390	390x85.40												
385		385	390	395	395x86.40												
390	6x2.80	390	390	395	400	400x87.40											
395	8x3.30	395	395	400	405	405x88.40											
400		400	405	410	410x89.40												
405		405	410	415	415x90.40												
410	5x2.30	410	410	415	420	420x91.40											
415	6x2.80	415	415	420	425	425x92.40											
420		420	425	430	430x93.40												
425		425	430	435	435x94.40												
430	6x2.80	430	430	435	440	440x95.40											
435	8x3.30	435	435	440	445	445x96.40											
440		440	445	450	450x97.40												
445		445	450	455	455x98.40												
450	8x3.30	450	450	455	460	460x99.40											
455	10x3.30	455	455	460	465	465x100.40											
460		460	465	470	470x101.40												
465		465	470	475	475x102.40												
470	6x2.80	470	470	475	480	480x103.40											
475	8x3.30	475	475	480	485	485x104.40											
480		480	485	490	490x105.40												
485		485	490	495	495x106.40												
490	6x2.80	490	490	495	500	500x107.40											
495	8x3.30	495	495	500	505	505x108.40											
500		500	505	510	510x109.40												
505		505	510	515	515x110.40												
510	5x2.30	510	510	515	520	520x111.40											
515	6x2.80	515	515	520	525	525x112.40											
520		520	525	530	530x113.40												
525		525	530	535	535x114.40												
530	6x2.80	530	530	535	540	540x115.40											
535	8x3.30	535	535	540	545	545x116.40											
540		540	545	550	550x117.40												
545		545	550	555	555x118.40												
550	8x3.30	550	550	555	560	560x119.40											
555	10x3.30	555	555	560	565	565x120.40											
560		560	565	570	570x121.40												
565		565	570	575	575x122.40												
570	6x2.80	570	570	575	580	580x123.40											
575	8x3.30	575	575	580	585	585x124.40											
580		580	585	590	590x125.40												
585		585	590	595	595x126.40												
590	6x2.80	590	590	595	600	600x127.40											
595	8x3.30	595	595	600	605	605x128.40											
600		600	605	610	610x129.40												
605		605	610	615	615x130.40												
610	5x2.30	610	610	615	620	620x131.40											
615	6x2.80	615	615	620	625	625x132.40											
620		620	625	630	630x133.40												
625		625	630	635	635x134.40												
630	6x2.80	630	630	635	640	640x135.40											
635	8x3.30	635	635	640	645	645x136.40											
640		640	645	650	650x137.40												
645		645	650	655	655x138.40												
650	8x3.30	650	650	655	660	660x139.40											
655	10x3.30	655	655	660	665	665x140.40											
660		660	665	670	670x141.40												
665		665	670	675	675x142.40												
670	6x2.80	670	670	675	680	680x143.40											
675	8x3.30	675	675	680	685	685x144.40											
680		680	685	690	690x145.40												
685		685	690	695	695x146.40												
690	6x2.80	690	690	695	700	700x147.40											
695	8x3.30	695	695	700	705	705x148.40											
700		700	705	710	710x149.40												
705		705	710	715	715x150.40												
710	8x3.30	710	710	715	720	720x151.40											
715	10x3.30	715	715	720	725	725x152.40											
720		720	725	730	730x153.40												
725		725	730	735	735x154.40												
730	6x2.80	730	730	735	740	740x155.40											
735	8x3.30	735	735	740	745	745x156.40											
740		740	745	750	750x157.40												
745		745	750	755	755x158.40												
750	8x3.30	750	750	755	760	760x159.40											
755	10x3.30	755	755	760	765	765x160.40											
760		760	765	770	770x161.40												
765		765	770	775	775x162.40												
770	6x2.80	770	770	775	780	780x163.40											
775	8x3.30	775	775	780	785	785x164.40											
780		780	785	790	790x165.40												
785		785	790	795	795x166.40												
790	6x2.80	790	790	795	800	800x167.40											
795	8x3.30	795	795	800	805	805x168.40											
800		800	805	810	810x169.40												
805		805	810	815	815x170.40												
810	8x3.30	810	810	815	820	820x171.40											
815	10x3.30	815	815	820	825	825x172.40											
820		820	825	830	830x173.40												
825		825	830	835	835x174.40												
830	6x2.80	830	830	835	840	840x175.40											
835	8x3.30	835	835	840	845	845x176.40											
840		840	845	850	850x177.40												
845		845	850	855	855x178.40												
850	8x3.30	850	850	855	860	860x179.40											
855	10x3.30	855	855	860	865	865x180.40											
860		860	865	870	870x181.40												
865		865	870	875	875x182.40												
870	6x2.80	870	870	875	880	880x183.40											
875	8x3.30	875	875	880	885	885x184.40											
880		880	885	890	890x185.40												
885		885	890	895	895x186.40												
890	6x2.80	890	890	895	900	900x187.40											
895	8x3.30	895	895	900	905	905x188.40											
900		900	905	910	910x189.40												
905		905	910														

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

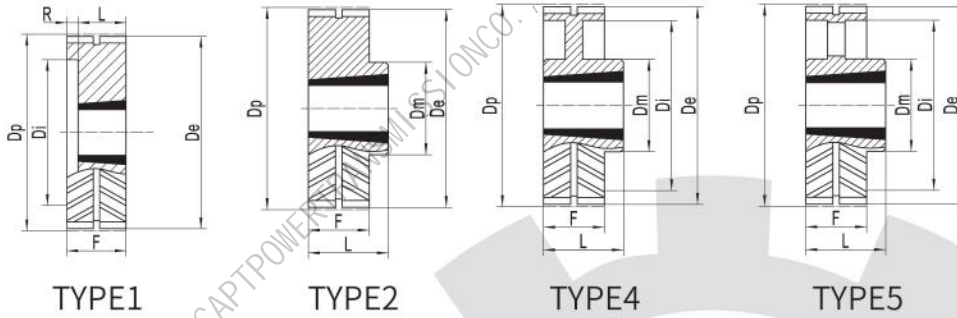


**T<sub>aper</sub>  
B<sub>ore</sub> 8M16**

PART NO.	NO.OF TEETH	TYPE	BUSH	DP	DE	DI	DM	F	L	MATERIAL
TB22-8M16	22	2	1008	56.02	54.65	-	45	17	22	G45 GG25 EN-GJS-450 X5CrNi189
TB24-8M16	24	2	1108	61.12	59.75	-	50	17	22	
TB25-8M16	25	2	1108	63.66	62.29	-	50	17	22	
TB26-8M16	26	2	1108	66.21	64.84	-	50	17	22	
TB28-8M16	28	2	1108	71.30	69.93	-	50	17	22	
TB30-8M16	30	2	1108	76.40	75.03	-	50	17	22	
TB32-8M16	32	2	1610	81.49	80.12	-	71	17	25	
TB34-8M16	34	2	1610	86.58	85.21	-	71	17	25	
TB36-8M16	36	2	1610	91.68	90.30	-	71	17	25	
TB38-8M16	38	2	1610	96.77	95.40	-	71	17	25	
TB40-8M16	40	2	1610	101.86	100.49	-	71	17	25	
TB44-8M16	44	2	2012	112.05	110.68	-	92	17	32	
TB45-8M16	45	2	2012	114.59	113.22	-	92	17	32	
TB48-8M16	48	2	2012	122.23	120.86	-	96	17	32	
TB50-8M16	50	2	2012	127.33	125.96	-	96	17	32	
TB52-8M16	52	2	2012	132.42	131.05	-	96	17	32	
TB56-8M16	56	2	2012	142.61	141.24	-	110	17	32	
TB60-8M16	60	2	2012	152.79	151.42	-	110	17	32	
TB63-8M16	63	4	2012	160.43	159.06	139	110	17	32	
TB64-8M16	64	4	2012	162.98	161.61	142	110	17	32	
TB68-8M16	68	4	2012	173.17	171.79	152	110	17	32	
TB72-8M16	72	4	2012	183.35	181.98	162	110	17	32	
TB75-8M16	75	4	2012	190.99	189.62	170	110	17	32	
TB76-8M16	76	4	2012	193.54	192.17	172	110	17	32	
TB80-8M16	80	4	2012	203.72	202.35	182	110	17	32	
TB90-8M16	90	5	2012	229.19	227.82	208	110	17	32	
TB112-8M16	112	5	2517	285.21	283.84	264	125	17	45	
TB140-8M16	140	5	2517	356.52	355.15	335	125	17	45	
TB180-8M16	180	5	3020	458.38	457.01	433	170	17	51	
TB224-8M16	224	5	3020	570.43	569.06	545	170	17	51	

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

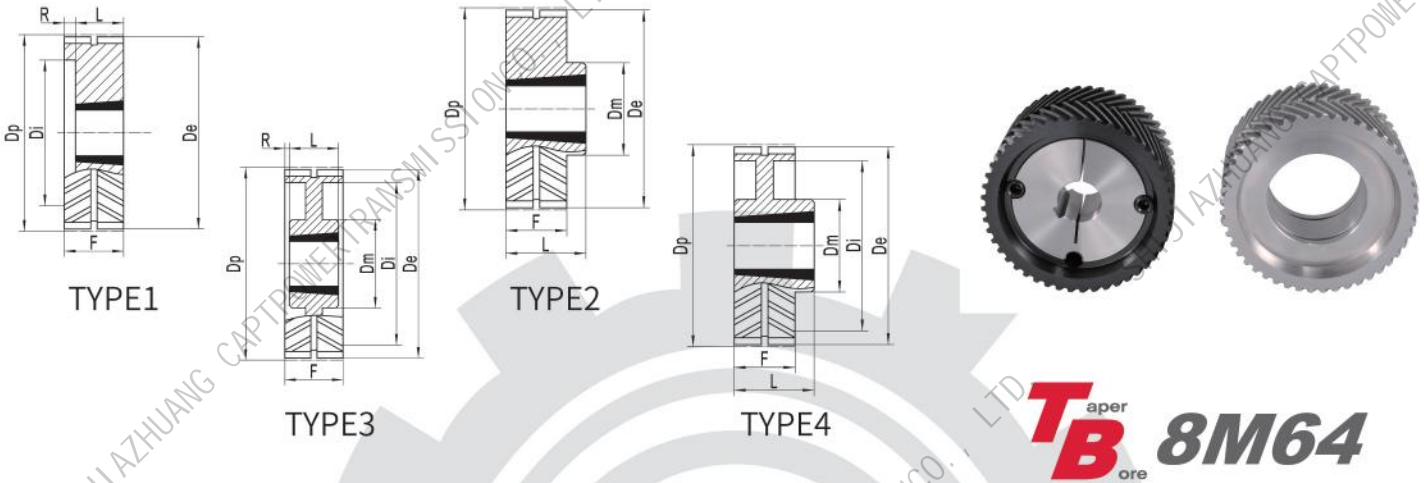


**T<sub>B</sub><sup>aper</sup> 8M32<sub>ore</sub>**

PART NO.	NO.OF TEETH	TYPE	BUSH	DP	DE	DI	DM	F	R	L	MATERIAL
TB22-8M32	22	1	1008	56.02	54.65	37	-	33	11	22	C45 GG25 EN-GJS-450 X5CrNi189
TB24-8M32	24	1	1108	61.12	59.75	44	-	33	11	22	
TB25-8M32	25	1	1108	63.66	62.29	44	-	33	11	22	
TB26-8M32	26	1	1108	66.21	64.84	44	-	33	11	22	
TB28-8M32	28	1	1210	71.30	69.93	50	-	33	8	25	
TB30-8M32	30	1	1610	76.40	75.03	63	-	33	8	25	
TB32-8M32	32	2	1615	81.49	80.12	-	71	33	-	38	
TB34-8M32	34	2	1615	86.58	85.21	-	71	33	-	38	
TB36-8M32	36	2	1615	91.68	90.30	-	71	33	-	38	
TB38-8M32	38	2	1615	96.77	95.40	-	71	33	-	38	
TB40-8M32	40	2	1615	101.86	100.49	-	71	33	-	38	
TB44-8M32	44	1	2012	112.05	110.68	86	-	33	0	33	
TB45-8M32	45	1	2012	114.59	113.22	88	-	33	0	33	
TB48-8M32	48	1	2012	122.23	120.86	90	-	33	0	33	
TB50-8M32	50	1	2012	127.33	125.96	95	-	33	0	33	
TB52-8M32	52	1	2012	132.42	131.05	100	-	33	0	33	
TB56-8M32	56	1	2012	142.61	141.24	110	-	33	0	33	
TB60-8M32	60	2	2517	152.79	151.42	-	125	33	-	45	
TB63-8M32	63	2	2517	160.43	159.06	-	125	33	-	45	
TB64-8M32	64	2	2517	162.98	161.61	-	125	33	-	45	
TB68-8M32	68	2	2517	173.17	171.79	-	125	33	-	45	
TB72-8M32	72	4	2517	183.35	181.98	162	125	33	-	45	
TB75-8M32	75	4	2517	190.99	189.62	170	125	33	-	45	
TB76-8M32	76	4	2517	193.54	192.17	172	125	33	-	45	
TB80-8M32	80	4	2517	203.72	202.35	182	125	33	-	45	
TB90-8M32	90	4	2517	229.19	227.82	208	125	33	-	45	
TB112-8M32	112	5	2517	285.21	283.84	264	125	33	-	45	
TB140-8M32	140	5	2517	356.52	355.15	335	125	33	-	45	
TB180-8M32	180	5	3020	458.38	457.00	433	170	33	-	51	
TB224-8M32	224	5	3020	570.43	569.04	545	170	33	-	51	

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

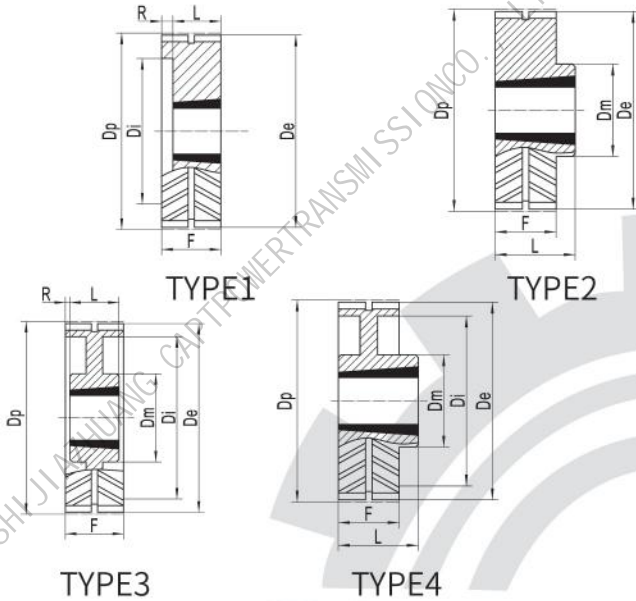


**T<sub>B</sub><sup>aper</sup><sub>ore</sub> 8M64**

PART NO.	NO.OF TEETH	TYPE	BUSH	DP	DE	DI	DM	F	R	L	MATERIAL
TB28-8M64	28	1	1210	71.30	69.92	50	-	65	40	25	C45 GG25 EN-GJS-450 X5CrNi189
TB30-8M64	30	1	1615	76.39	75.01	58	-	65	27	38	
TB32-8M64	32	1	1615	81.49	80.11	63	-	65	27	38	
TB34-8M64	34	1	1615	86.58	85.20	65	-	65	27	38	
TB36-8M64	36	1	1615	91.67	90.29	68	-	65	27	38	
TB38-8M64	38	1	1615	96.77	95.39	72	-	65	27	38	
TB40-8M64	40	2	2012	101.86	100.48	80	-	65	16.5	32	
TB44-8M64	44	2	2012	112.05	110.67	86	-	65	16.5	32	
TB45-8M64	45	2	2012	114.59	113.21	86	-	65	16.5	32	
TB48-8M64	48	2	2012	122.23	120.85	86	-	65	16.5	32	
TB50-8M64	50	2	2012	127.32	125.94	86	-	65	16.5	32	
TB52-8M64	52	2	2012	132.42	131.04	86	-	65	16.5	32	
TB56-8M64	56	2	2517	142.60	141.22	116	-	65	10	45	
TB60-8M64	60	2	2517	152.79	151.41	126	-	65	10	45	
TB63-8M64	63	2	2517	160.43	159.05	130	-	65	10	45	
TB64-8M64	64	2	2517	162.98	161.60	136	-	65	10	45	
TB68-8M64	68	3	2517	173.17	171.79	152	110	65	10	45	
TB72-8M64	72	3	2517	183.35	181.97	162	125	65	10	45	
TB75-8M64	75	3	3020	190.99	189.61	170	130	65	7	51	
TB76-8M64	76	3	3020	193.53	192.15	172	130	65	7	51	
TB80-8M64	80	3	3020	203.72	202.34	182	140	65	7	51	
TB90-8M64	90	3	3020	229.18	227.80	208	160	65	7	51	
TB112-8M64	112	3	3020	285.21	283.83	264	160	65	7	51	
TB140-8M64	140	4	3020	356.51	355.14	335	160	65	7	51	
TB180-8M64	180	4	3525	458.37	457.00	433	160	65	-	65	EN-GJS-450
TB224-8M64	224	4	3525	570.41	569.04	545	160	65	-	65	GG25

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

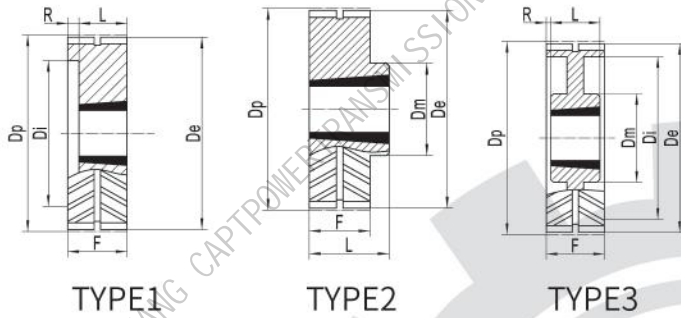


**T<sub>B</sub><sup>aper</sup> 14M35**  
ore

PART NO.	NO.OF TEETH	TYPE	BUSH	DP	DE	DI	DM	F	R	L	MATERIAL
TB28-14M35	28	1	2012	124.78	121.99	94	-	37	5	32	C45 GG25 EN-GJS-450 X5CrNi189
TB30-14M35	30	1	2012	133.69	130.90	100	-	37	5	32	
TB32-14M35	32	1	2012	142.61	139.81	108	-	37	5	32	
TB34-14M35	34	2	2517	151.52	148.73	-	120	37	-	45	
TB36-14M35	36	2	2517	160.43	157.64	-	120	37	-	45	
TB38-14M35	38	2	2517	169.35	166.55	-	120	37	-	45	
TB40-14M35	40	2	2517	178.26	175.46	-	125	37	-	45	
TB43-14M35	43	2	3020	191.63	188.83	-	140	37	-	51	
TB45-14M35	45	2	3020	200.54	197.75	-	140	37	-	51	
TB48-14M35	48	2	3020	213.91	211.12	-	140	37	-	51	
TB50-14M35	50	2	3020	222.82	220.03	-	170	37	-	51	
TB56-14M35	56	3	3020	249.56	246.77	208	170	37	-	51	
TB60-14M35	60	3	3020	267.39	264.59	225	170	37	-	51	
TB63-14M35	63	3	3020	280.76	277.96	238	170	37	-	51	
TB71-14M35	71	4	3020	316.41	313.62	274	170	37	-	51	
TB75-14M35	75	4	3020	334.24	331.44	292	170	37	-	51	
TB80-14M35	80	4	3020	356.52	353.72	315	170	37	-	51	
TB90-14M35	90	4	3020	401.08	398.29	360	170	37	-	51	
TB112-14M35	112	4	3020	499.12	496.33	457	170	37	-	51	
TB140-14M35	140	4	3020	623.91	621.11	581	170	37	-	51	
TB168-14M35	168	4	3020	748.69	745.89	706	170	37	-	51	EN-GJS-450 GG25

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

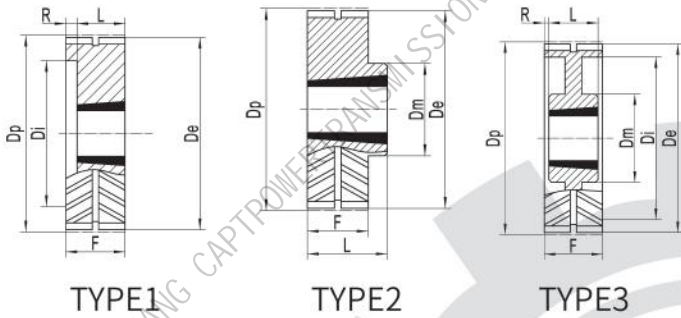


**T<sub>B</sub><sup>aper</sup> 14M53<sub>ore</sub>**

PART NO.	NO.OF TEETH	TYPE	BUSH	DP	DE	DI	DM	F	R	L	MATERIAL
TB28-14M53	28	1	2012	124.78	121.99	94	-	54.5	11.25	32	C45 GG25 EN-GJS-450 X5CrNi189
TB30-14M53	30	1	2012	133.69	130.90	100	-	54.5	11.25	32	
TB32-14M53	32	1	2012	142.61	139.81	108	-	54.5	11.25	32	
TB34-14M53	34	1	2517	151.52	148.73	110	-	54.5	4.75	45	
TB36-14M53	36	1	2517	160.43	157.64	116	-	54.5	4.75	45	
TB38-14M53	38	1	2517	169.35	166.55	125	-	54.5	4.75	45	
TB40-14M53	40	1	2517	178.26	175.46	135	-	54.5	4.75	45	
TB43-14M53	43	1	3020	191.63	188.83	150	-	54.5	1.75	51	
TB45-14M53	45	1	3020	200.54	197.75	155	-	54.5	1.75	51	
TB48-14M53	48	1	3020	213.91	211.12	170	-	54.5	1.75	51	
TB50-14M53	50	1	3020	222.82	220.03	180	-	54.5	1.75	51	EN-GJS-450 GG25
TB56-14M53	56	2	3020	249.56	246.77	208	170	54.5	1.75	51	
TB60-14M53	60	2	3020	267.39	264.59	225	170	54.5	1.75	51	
TB63-14M53	63	2	3020	280.76	277.96	238	170	54.5	1.75	51	
TB71-14M53	71	2	3020	316.41	313.62	274	170	54.5	1.75	51	
TB75-14M53	75	2	3020	334.24	331.44	292	170	54.5	1.75	51	
TB80-14M53	80	3	3020	356.52	353.72	315	170	54.5	1.75	51	
TB90-14M53	90	3	3020	401.08	398.29	360	170	54.5	1.75	51	
TB112-14M53	112	3	3020	499.12	496.33	457	170	54.5	1.75	51	
TB140-14M53	140	3	3020	623.91	621.11	581	170	54.5	1.75	51	
TB168-14M53	168	3	3020	748.69	745.89	706	170	54.5	1.75	51	

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

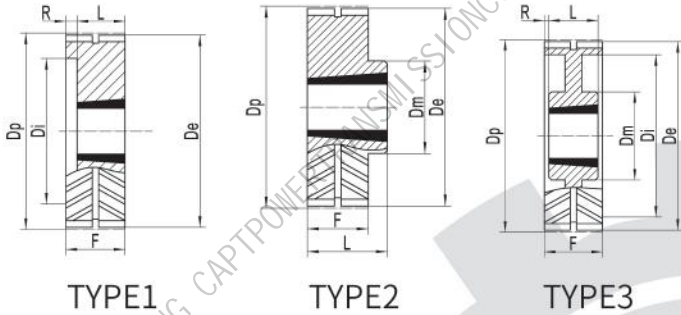


**T<sub>B</sub><sup>aper</sup><sub>ore</sub> 14M70**

PART NO.	NO.OF TEETH	TYPE	BUSH	DP	DE	DI	DM	F	R	L	MATERIAL
TB28-14M70	28	1	2012	124.78	121.99	94	-	72	20	32	C45 GG25 EN-GJS-450
TB30-14M70	30	1	2517	133.69	130.90	100	-	72	13.5	45	
TB32-14M70	32	1	2517	142.61	139.81	108	-	72	13.5	45	
TB34-14M70	34	1	2517	151.52	148.73	110	-	72	13.5	45	
TB36-14M70	36	1	2517	160.43	157.64	120	-	72	13.5	45	
TB38-14M70	38	1	2517	169.35	166.55	130	-	72	13.5	45	
TB40-14M70	40	1	2517	178.26	175.46	138	-	72	13.5	45	
TB43-14M70	43	1	3020	191.63	188.83	150	-	72	10.5	51	
TB45-14M70	45	1	3020	200.54	197.75	158	-	72	10.5	51	
TB48-14M70	48	1	3020	213.91	211.12	170	-	72	10.5	51	
TB50-14M70	50	1	3020	222.82	220.03	180	-	72	10.5	51	X5CrNi189
TB56-14M70	56	1	3020	249.56	246.77	208	-	72	10.5	51	
TB60-14M70	60	2	3020	267.39	264.59	225	170	72	10.5	51	
TB63-14M70	63	2	3020	280.76	277.96	238	170	72	10.5	51	
TB71-14M70	71	2	3020	316.41	313.62	274	170	72	10.5	51	
TB75-14M70	75	2	3020	334.24	331.44	292	170	72	10.5	51	EN-GJS-450 GG25
TB80-14M70	80	3	3020	356.52	353.72	314	170	72	10.5	51	
TB90-14M70	90	3	3020	401.08	398.29	358	170	72	10.5	51	
TB112-14M70	112	3	3020	499.12	496.33	455	170	72	10.5	51	
TB140-14M70	140	3	3020	623.91	621.11	580	170	72	10.5	51	
TB168-14M70	168	3	3020	748.69	745.89	706	170	72	10.5	51	

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

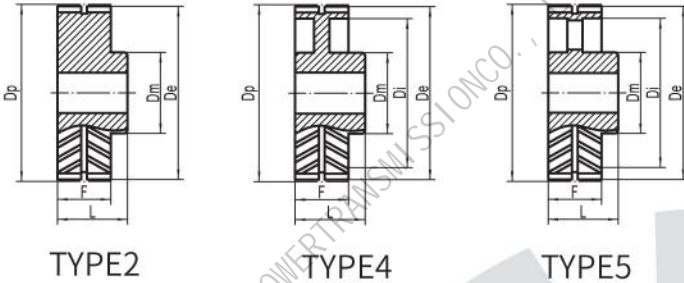


**T<sub>B</sub><sup>aper</sup> 14M105**  
ore

PART NO.	NO.OF TEETH	TYPE	BUSH	DP	DE	DI	DM	F	R	L	MATERIAL
TB28-14M105	28	1	2517	124.78	121.99	98	-	107	31	45	C45 GG25 EN-GJS-450 X5CrNi189
TB30-14M105	30	1	2517	133.69	130.90	100	-	107	31	45	
TB32-14M105	32	1	2517	142.61	139.81	108	-	107	31	45	
TB34-14M105	34	1	2517	151.52	148.73	110	-	107	31	45	
TB36-14M105	36	1	3020	160.43	157.64	125	-	107	28	51	
TB38-14M105	38	1	3020	169.35	166.55	130	-	107	28	51	
TB40-14M105	40	1	3020	178.26	175.46	138	-	107	28	51	
TB43-14M105	43	1	3030	191.63	188.83	150	-	107	15.5	76	
TB45-14M105	45	1	3030	200.54	197.75	158	-	107	15.5	76	
TB48-14M105	48	1	3030	213.91	211.12	170	-	107	15.5	76	
TB50-14M105	50	1	3030	222.82	220.03	180	-	107	15.5	76	
TB56-14M105	56	1	3525	249.56	246.77	210	-	107	21	65	
TB60-14M105	60	2	3525	267.39	264.59	225	190	107	21	65	
TB63-14M105	63	2	3525	280.76	277.96	235	190	107	21	65	
TB71-14M105	71	2	3525	316.41	313.62	274	190	107	21	65	
TB75-14M105	75	2	3525	334.24	331.44	290	190	107	21	65	
TB80-14M105	80	3	3525	356.52	353.72	315	190	107	21	65	
TB90-14M105	90	3	3525	401.08	398.29	360	190	107	21	65	
TB112-14M105	112	3	3525	499.12	496.33	457	190	107	21	65	
TB140-14M105	140	3	3525	623.91	621.11	580	190	107	21	65	
TB168-14M105	168	3	3525	748.69	745.89	706	190	107	21	65	EN-GJS-450 GG25

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

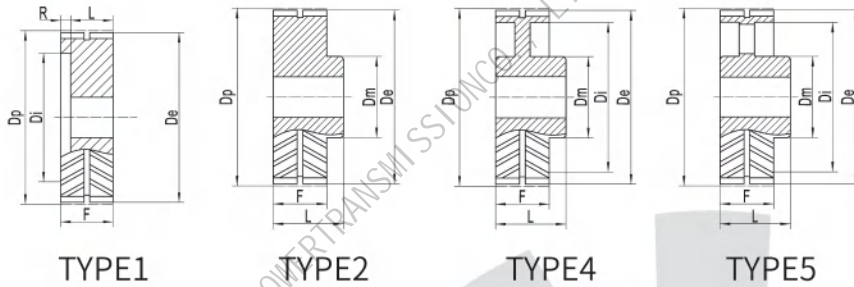


**F<sub>insished</sub>**  
**B<sub>ore</sub>** 8M16

PART NO.	NO.OF TEETH	TYPE	DP	DE	DI	DM	F	L	MIN D	MAX D	MATERIAL
18-8M16	18	2	45.84	44.47	-	38	17	22	10	25	C45 GG25 EN-GJS-450 X5CrNi189
20-8M16	20	2	50.93	49.56	-	41	17	22	10	25	
22-8M16	22	2	56.02	54.65	-	45	17	22	10	30	
24-8M16	24	2	61.12	59.75	-	50	17	22	10	35	
25-8M16	25	2	63.66	62.29	-	50	17	22	12	35	
26-8M16	26	2	66.21	64.84	-	50	17	22	12	35	
28-8M16	28	2	71.30	69.93	-	50	17	22	14	35	
30-8M16	30	2	76.40	75.03	-	50	17	22	14	35	
32-8M16	32	2	81.49	80.12	-	71	17	25	14	50	
34-8M16	34	2	86.58	85.21	-	71	17	25	14	50	
36-8M16	36	2	91.68	90.30	-	71	17	25	14	50	
38-8M16	38	2	96.77	95.40	-	71	17	25	14	50	
40-8M16	40	2	101.86	100.49	-	71	17	25	14	50	
44-8M16	44	2	112.05	110.68	-	92	17	32	14	65	
45-8M16	45	2	114.59	113.22	-	92	17	32	14	65	
48-8M16	48	2	122.23	120.86	-	96	17	32	20	65	
50-8M16	50	2	127.33	125.96	-	96	17	32	20	65	
52-8M16	52	2	132.42	131.05	-	96	17	32	20	65	
56-8M16	56	2	142.61	141.24	-	110	17	32	20	75	
60-8M16	60	2	152.79	151.42	-	110	17	32	20	75	
63-8M16	63	4	160.43	159.06	139	110	17	32	20	75	
64-8M16	64	4	162.98	161.61	142	110	17	32	20	75	
68-8M16	68	4	173.17	171.79	152	110	17	32	20	75	
72-8M16	72	4	183.35	181.98	162	110	17	32	20	75	
75-8M16	75	4	190.99	189.62	170	110	17	32	20	75	
76-8M16	76	4	193.54	192.17	172	110	17	32	20	75	
80-8M16	80	4	203.72	202.35	182	110	17	32	20	75	
90-8M16	90	5	229.19	227.82	208	110	17	32	20	75	
112-8M16	112	5	285.21	283.84	264	125	17	45	20	80	
140-8M16	140	5	356.52	355.15	335	125	17	45	20	80	
180-8M16	180	5	458.38	457.01	433	170	17	51	20	110	EN-GJS-450
224-8M16	224	5	570.43	569.06	545	170	17	51	20	110	GG25

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

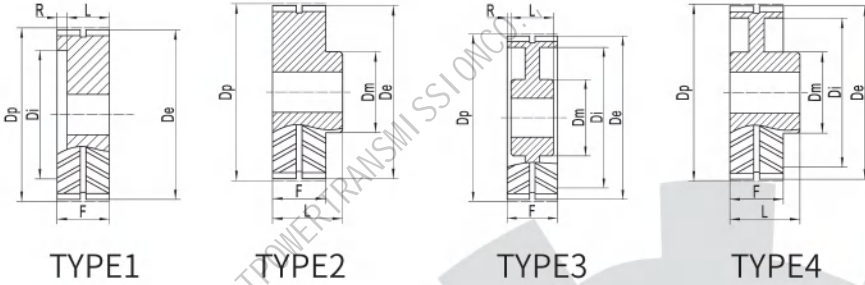


**FB<sup>insisted</sup> 8M32**  
ore

PART NO	NO.OF TEETH	TYPE	DP	DE	DI	DM	F	R	L	MIN D	MAX D	MATERIAL
18-8M32	18	1	45.84	44.47	-	-	33	-	33	10	25	C45 GG25 EN-GJS-450 X5CrNi189
20-8M32	20	1	50.93	49.56	-	-	33	-	33	12	25	
22-8M32	22	1	56.02	54.65	-	-	33	-	33	12	30	
24-8M32	24	1	61.12	59.75	-	-	33	-	33	12	35	
25-8M32	25	1	63.66	62.29	-	-	33	-	33	14	35	
26-8M32	26	1	66.21	64.84	-	-	33	-	33	14	35	
28-8M32	28	1	71.30	69.93	50	-	33	8	25	14	35	
30-8M32	30	1	76.40	75.03	63	-	33	8	25	14	35	
32-8M32	32	2	81.49	80.12	-	71	33	-	38	14	50	
34-8M32	34	2	86.58	85.21	-	71	33	-	38	14	50	
36-8M32	36	2	91.68	90.30	-	71	33	-	38	14	50	
38-8M32	38	2	96.77	95.40	-	71	33	-	38	14	50	
40-8M32	40	2	101.86	100.49	-	71	33	-	38	14	50	
44-8M32	44	1	112.05	110.68	86	-	33	-	33	20	65	
45-8M32	45	1	114.59	113.22	88	-	33	-	33	20	65	
48-8M32	48	1	122.23	120.86	90	-	33	-	33	20	65	
50-8M32	50	1	127.33	125.96	95	-	33	-	33	20	65	
52-8M32	52	1	132.42	131.05	100	-	33	-	33	20	65	
56-8M32	56	1	142.61	141.24	110	-	33	-	33	20	75	
60-8M32	60	2	152.79	151.42	-	125	33	-	45	20	75	
63-8M32	63	2	160.43	159.06	-	125	33	-	45	20	75	
64-8M32	64	2	162.98	161.61	-	125	33	-	45	20	75	
68-8M32	68	2	173.17	171.79	-	125	33	-	45	20	75	
72-8M32	72	4	183.35	181.98	162	125	33	-	45	20	75	
75-8M32	75	4	190.99	189.62	170	125	33	-	45	20	75	
76-8M32	76	4	193.54	192.17	172	125	33	-	45	20	75	
80-8M32	80	4	203.72	202.35	182	125	33	-	45	20	75	
90-8M32	90	4	229.19	227.82	208	125	33	-	45	20	75	
112-8M32	112	5	285.21	283.84	264	125	33	-	45	20	80	
140-8M32	140	5	356.52	355.15	335	125	33	-	45	20	80	
180-8M32	180	5	458.38	457.00	433	170	33	-	51	20	110	EN-GJS-450
224-8M32	224	5	570.43	569.04	545	170	33	-	51	20	110	GG25

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

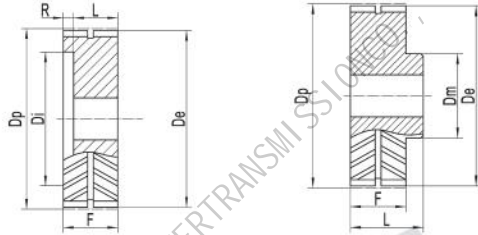


**F<sub>B</sub><sup>insished</sup> 8M64**  
ore

PART NO.	NO.OF TEETH	TYPE	DP	DE	DI	DM	F	R	L	MIN D	MAX D	MATERIAL
18-8M64	18	1	45.84	44.47	-	-	65	-	65	10	25	C45 GG25 EN-GJS-450 X5CrNi189
20-8M64	20	1	50.93	49.55	-	-	65	-	65	10	25	
22-8M64	22	1	56.02	54.64	-	-	65	-	65	12	30	
24-8M64	24	1	61.12	59.74	-	-	65	-	65	12	35	
25-8M64	25	1	63.66	62.28	-	-	65	-	65	14	35	
26-8M64	26	1	66.21	64.83	-	-	65	-	65	14	35	
28-8M64	28	1	71.30	69.92	50	-	65	40	25	14	35	
30-8M64	30	1	76.39	75.01	58	-	65	27	38	14	35	
32-8M64	32	1	81.49	80.11	63	-	65	27	38	14	48	
34-8M64	34	1	86.58	85.20	65	-	65	27	38	14	50	
36-8M64	36	1	91.67	90.29	68	-	65	27	38	14	50	
38-8M64	38	1	96.77	95.39	72	-	65	27	38	14	50	
40-8M64	40	2	101.86	100.48	80	-	65	16.5	32	14	50	
44-8M64	44	2	112.05	110.67	86	-	65	16.5	32	14	65	
45-8M64	45	2	114.59	113.21	86	-	65	16.5	32	14	65	
48-8M64	48	2	122.23	120.85	86	-	65	16.5	32	14	65	
50-8M64	50	2	127.32	125.94	86	-	65	16.5	32	14	65	
52-8M64	52	2	132.42	131.04	86	-	65	16.5	32	14	65	
56-8M64	56	2	142.60	141.22	116	-	65	10	45	18	75	
60-8M64	60	2	152.79	151.41	126	-	65	10	45	18	80	
63-8M64	63	2	160.43	159.05	130	-	65	10	45	18	85	
64-8M64	64	2	162.98	161.60	136	-	65	10	45	18	90	
68-8M64	68	3	173.17	171.79	152	110	65	10	45	18	75	
72-8M64	72	3	183.35	181.97	162	125	65	10	45	18	80	
75-8M64	75	3	190.99	189.61	170	130	65	7	51	18	85	
76-8M64	76	3	193.53	192.15	172	130	65	7	51	18	85	
80-8M64	80	3	203.72	202.34	182	140	65	7	51	18	90	
90-8M64	90	3	229.18	227.80	208	160	65	7	51	18	105	
112-8M64	112	3	285.21	283.83	264	160	65	7	51	18	105	
140-8M64	140	4	356.51	355.14	335	160	65	7	51	18	105	
180-8M64	180	4	458.37	457.00	433	160	65	-	65	20	105	EN-GJS-450
224-8M64	224	4	570.41	569.04	545	160	65	-	65	20	105	GG25

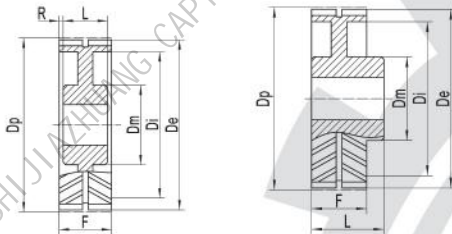
# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley



TYPE1

TYPE2



TYPE3

TYPE4

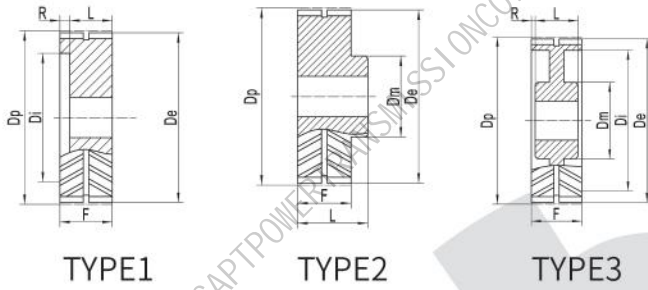


**FB**<sup>inished</sup><sub>ore</sub> 14M35

PART NO.	NO.OF TEETH	TYPE	DP	DE	DI	DM	F	R	L	MIN D	MAX D	MATERIAL
28-14M35	28	1	124.78	121.99	94	-	37	5	32	24	70	C45 GG25 EN-GJS-450 X5CrNi189
30-14M35	30	1	133.69	130.90	100	-	37	5	32	24	75	
32-14M35	32	1	142.61	139.81	108	-	37	5	32	24	80	
34-14M35	34	2	151.52	148.73	-	120	37	-	45	24	80	
36-14M35	36	2	160.43	157.64	-	120	37	-	45	24	80	
38-14M35	38	2	169.35	166.55	-	120	37	-	45	24	80	
40-14M35	40	2	178.26	175.46	-	125	37	-	45	24	80	
43-14M35	43	2	191.63	188.83	-	140	37	-	51	24	90	
45-14M35	45	2	200.54	197.75	-	140	37	-	51	24	90	
48-14M35	48	2	213.91	211.12	-	140	37	-	51	24	90	
50-14M35	50	2	222.82	220.03	-	170	37	-	51	24	110	
56-14M35	56	3	249.56	246.77	208	170	37	-	51	28	110	
60-14M35	60	3	267.39	264.59	225	170	37	-	51	28	110	
63-14M35	63	3	280.76	277.96	238	170	37	-	51	28	110	
71-14M35	71	4	316.41	313.62	274	170	37	-	51	28	110	
75-14M35	75	4	334.24	331.44	292	170	37	-	51	28	110	
80-14M35	80	4	356.52	353.72	315	170	37	-	51	28	110	
90-14M35	90	4	401.08	398.29	360	170	37	-	51	28	110	
112-14M35	112	4	499.12	496.33	457	170	37	-	51	28	110	
140-14M35	140	4	623.91	621.11	581	170	37	-	51	28	110	EN-GJS-450 GG25
168-14M35	168	4	748.69	745.89	706	170	37	-	51	28	110	

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

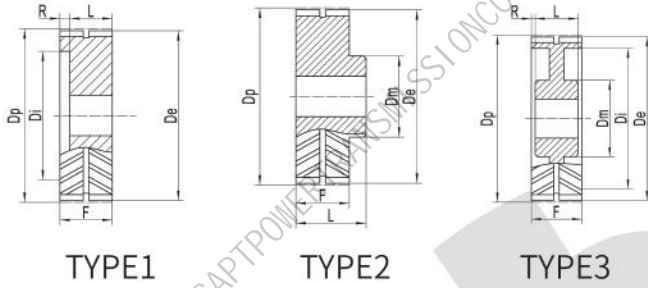


**FB** <sup>inished</sup> **14M53**  
<sub>ore</sub>

PART NO.	NO.OF TEETH	TYPE	DP	DE	DI	DM	F	R	L	MIN D	MAX D	MATERIAL
28-14M53	28	1	124.78	121.99	94	-	54.5	11.25	32	24	70	C45 GG25 EN-GJS-450 X5CrNi189
30-14M53	30	1	133.69	130.90	100	-	54.5	11.25	32	24	75	
32-14M53	32	1	142.61	139.81	108	-	54.5	11.25	32	24	80	
34-14M53	34	1	151.52	148.73	110	-	54.5	4.75	45	24	80	
36-14M53	36	1	160.43	157.64	116	-	54.5	4.75	45	24	80	
38-14M53	38	1	169.35	166.55	125	-	54.5	4.75	45	24	80	
40-14M53	40	1	178.26	175.46	135	-	54.5	4.75	45	24	90	
43-14M53	43	1	191.63	188.83	150	-	54.5	1.75	51	24	100	
45-14M53	45	1	200.54	197.75	155	-	54.5	1.75	51	24	100	
48-14M53	48	1	213.91	211.12	170	-	54.5	1.75	51	24	110	
50-14M53	50	1	222.82	220.03	180	-	54.5	1.75	51	24	120	
56-14M53	56	2	249.56	246.77	208	170	54.5	1.75	51	28	110	
60-14M53	60	2	267.39	264.59	225	170	54.5	1.75	51	28	110	
63-14M53	63	2	280.76	277.96	238	170	54.5	1.75	51	28	110	
71-14M53	71	2	316.41	313.62	274	170	54.5	1.75	51	28	110	
75-14M53	75	2	334.24	331.44	292	170	54.5	1.75	51	28	110	
80-14M53	80	3	356.52	353.72	315	170	54.5	1.75	51	28	110	
90-14M53	90	3	401.08	398.29	360	170	54.5	1.75	51	28	110	
112-14M53	112	3	499.12	496.33	457	170	54.5	1.75	51	28	110	
140-14M53	140	3	623.91	621.11	581	170	54.5	1.75	51	28	110	
168-14M53	168	3	748.69	745.89	706	170	54.5	1.75	51	28	110	

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley

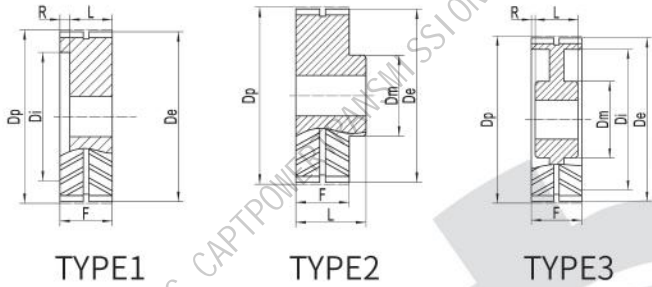


**F<sup>inished</sup>**  
**B<sub>ore</sub>** 14M70

PART NO.	NO.OF TEETH	TYPE	DP	DE	DI	DM	F	R	L	MIN D	MAX D	MATERIAL
28-14M70	28	1	124.78	121.99	94	-	72	20	32	24	70	C45 GG25 EN-GJS-450 X5CrNi189
30-14M70	30	1	133.69	130.90	100	-	72	13.5	45	24	75	
32-14M70	32	1	142.61	139.81	108	-	72	13.5	45	24	80	
34-14M70	34	1	151.52	148.73	110	-	72	13.5	45	24	80	
36-14M70	36	1	160.43	157.64	120	-	72	13.5	45	24	80	
38-14M70	38	1	169.35	166.55	130	-	72	13.5	45	24	85	
40-14M70	40	1	178.26	175.46	138	-	72	13.5	45	24	90	
43-14M70	43	1	191.63	188.83	150	-	72	10.5	51	24	100	
45-14M70	45	1	200.54	197.75	158	-	72	10.5	51	24	105	
48-14M70	48	1	213.91	211.12	170	-	72	10.5	51	24	110	
50-14M70	50	1	222.82	220.03	180	-	72	10.5	51	28	120	
56-14M70	56	1	249.56	246.77	208	-	72	10.5	51	28	135	
60-14M70	60	2	267.39	264.59	225	170	72	10.5	51	28	110	
63-14M70	63	2	280.76	277.96	238	170	72	10.5	51	28	110	
71-14M70	71	2	316.41	313.62	274	170	72	10.5	51	28	110	
75-14M70	75	2	334.24	331.44	292	170	72	10.5	51	28	110	
80-14M70	80	3	356.52	353.72	314	170	72	10.5	51	28	110	
90-14M70	90	3	401.08	398.29	358	170	72	10.5	51	28	110	
112-14M70	112	3	499.12	496.33	455	170	72	10.5	51	28	110	
140-14M70	140	3	623.91	621.11	580	170	72	10.5	51	28	110	
168-14M70	168	3	748.69	745.89	706	170	72	10.5	51	28	110	

# CAPT-DHT™

## Double Helical Teeth (DHT) Timing Pulley



**F<sub>insished</sub>  
B<sub>ore</sub> 14M105**

PART NO.	NO.OF TEETH	TYPE	DP	DE	DI	DM	F	R	L	MIN D	MAX D	MATERIAL
28-14M105	28	1	124.78	121.99	98	-	107	31	45	24	70	C45 GG25 EN-GJS-450 X5CrNi189
30-14M105	30	1	133.69	130.90	100	-	107	31	45	24	75	
32-14M105	32	1	142.61	139.81	108	-	107	31	45	24	80	
34-14M105	34	1	151.52	148.73	110	-	107	31	45	24	80	
36-14M105	36	1	160.43	157.64	125	-	107	28	51	32	80	
38-14M105	38	1	169.35	166.55	130	-	107	28	51	32	85	
40-14M105	40	1	178.26	175.46	138	-	107	28	51	32	90	
43-14M105	43	1	191.63	188.83	150	-	107	15.5	76	32	100	
45-14M105	45	1	200.54	197.75	158	-	107	15.5	76	32	105	
48-14M105	48	1	213.91	211.12	170	-	107	15.5	76	32	110	
50-14M105	50	1	222.82	220.03	180	-	107	15.5	76	32	120	
56-14M105	56	1	249.56	246.77	210	-	107	21	65	32	140	
60-14M105	60	2	267.39	264.59	225	190	107	21	65	32	125	
63-14M105	63	2	280.76	277.96	235	190	107	21	65	32	125	
71-14M105	71	2	316.41	313.62	274	190	107	21	65	32	125	
75-14M105	75	2	334.24	331.44	290	190	107	21	65	32	125	
80-14M105	80	3	356.52	353.72	315	190	107	21	65	32	125	
90-14M105	90	3	401.08	398.29	360	190	107	21	65	32	125	
112-14M105	112	3	499.12	496.33	457	190	107	21	65	32	125	
140-14M105	140	3	623.91	621.11	580	190	107	21	65	32	125	EN-GJS-450 GG25
168-14M105	168	3	748.69	745.89	706	190	107	21	65	32	125	

# APPLICATION AREAS



FEED MACHINERY



FOOD MACHINERY



TEXTILE MACHINERY



MINING MACHINERY



AGRICULTURAL MACHINERY



PACKAGING MACHINERY



FIRE FIGHTING EQUIPMENT



LOGISTICS MACHINERY



MEDICAL EQUIPMENT



PETROLEUM MACHINERY



PRINTING MACHINERY



WOOD PROCESSING