

Introduction

The objective of this letter is to summarize the nomenclature used by SKF toward its line of power transmission products, complementing the information already covered in the “SKF Power transmission products” catalogue (publication 6219) and its on-line version available on www.skfptp.com.

In addition, it is worth emphasizing that all SKF power transmission products are fully interchangeable with products from other common brands available in the market place.

Please contact your local SKF Authorized Distributor in case of any further questions related to SKF Power transmission products.

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Belts**SKF classical V-belts**

Example:	P H G	Z 3 6,5
SKF Prefix		
Z	10 millimetre (belt width) wrapped/envelope type	
A	13 millimetre (belt width) wrapped/envelope type	
B	17 millimetre (belt width) wrapped/envelope type	
C	22 millimetre (belt width) wrapped/envelope type	
D	32 millimetre (belt width) wrapped/envelope type	
ZX	10 millimetre (belt width) cogged raw edge type	
AX	13 millimetre (belt width) cogged raw edge type	
BX	17 millimetre (belt width) cogged raw edge type	
CX	22 millimetre (belt width) cogged raw edge type	
36,5	Belt length in inches	

SKF (narrow) wedge belts

Example:	P H G	S P Z 13 4 7
SKF Prefix		
SPZ	10 millimetre (belt width) wrapped/envelope type	
SPA	13 millimetre (belt width) wrapped/envelope type	
SPB	16 millimetre (belt width) wrapped/envelope type	
SPC	22 millimetre (belt width) wrapped/envelope type	
XPZ	10 millimetre (belt width) cogged raw edge type	
XPA	13 millimetre (belt width) cogged raw edge type	
XPB	16 millimetre (belt width) cogged raw edge type	
XPC	22 millimetre (belt width) cogged raw edge type	
3V	Wrapped/envelope belt with 3V/9J section (belt width)	
5V	Wrapped/envelope belt with 5V/15J section (belt width)	
8V	Wrapped/envelope belt with 8V/25J section (belt width)	
3VX	Cogged raw edge belt with 3VX/9NX section (belt width)	
5VX	Cogged raw edge belt with 5VX/15NX section (belt width)	
1347	Belt length in millimetres (SPZ, SPA, SPB, SPC, XPZ, XPA, XPB, XPC)	
250	Belt length in inches (3V, 5V, 8V, 3VX, 5VX)	



Belts

SKF HiTD belts

Example: **PHG** DA - 670 - 5M - 25

SKF Prefix

DA	Symmetric double-sided HiTD belt (only if applicable)
DB	Asymmetric double-sided HiTD belt (only if applicable)
670	Belt pitch length in millimetres
3M	Type 3M belt (3 millimetre distance between teeth)
5M	Type 5M belt (5 millimetre distance between teeth)
8M	Type 8M belt (8 millimetre distance between teeth)
14M	Type 14M belt (14 millimetre distance between teeth)
25	Belt width in millimetres

SKF hex belts

Example: **PHG** AA 103

SKF Prefix

AA	AA/HAA Section Double V-belt
BB	BB/HBB Section Double V-belt
CC	CC/HCC Section Double V-belt
103	Belt length in inches



Belts**SKF classical timing belts**

Example: **PHG** **D - 198 - XL - 025**

SKF Prefix

D	Double-sided
198	Belt pitch length in 1/10 inches
H	Type H belt
L	Type L belt
XL	Type XL belt
MXL	Type MXL belt (not available as double sided belt)
XH	Type XH belt (not available as double sided belt)
XXH	Type XXH belt (not available as double sided belt)
025	Belt width in 1/100 inches

SKF metric timing belts

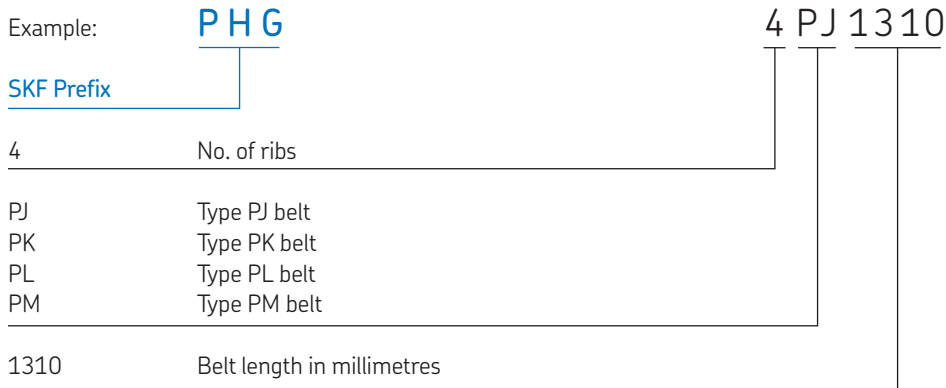
Example: **PHG** **DA - T5 - 620 - 20**

SKF Prefix

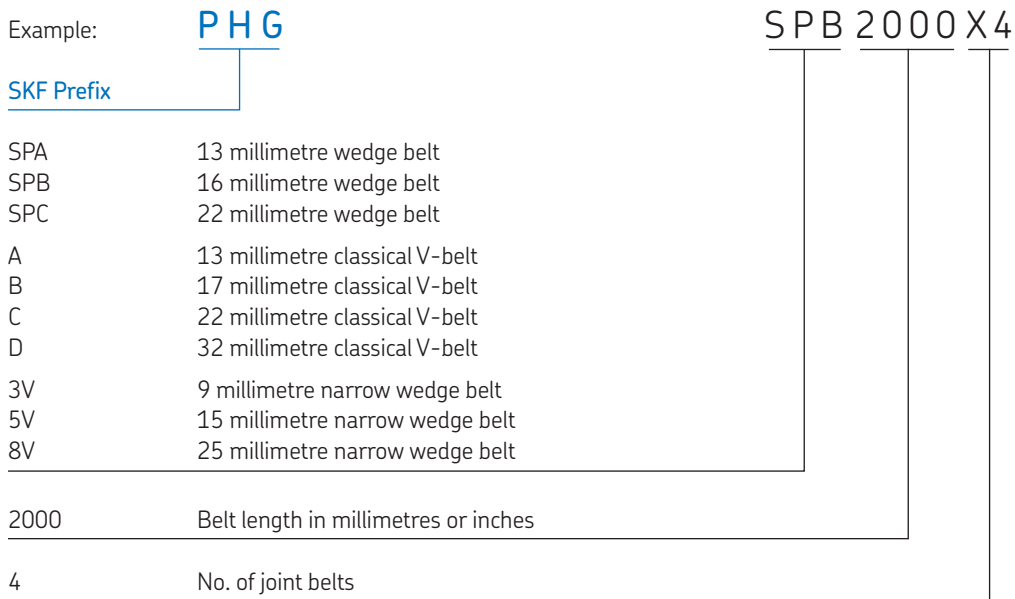
DA	Symmetric double sided timing belt (only if applicable)
DB	Asymmetric double sided timing belt (only if applicable)
T2,5	Type 2,5 belt
T5	Type 5 belt
T10	Type 10 belt
T20	Type 20 belt
620	Belt pitch length in millimetres
20	Belt width in millimetres

Belts

SKF ribbed belts

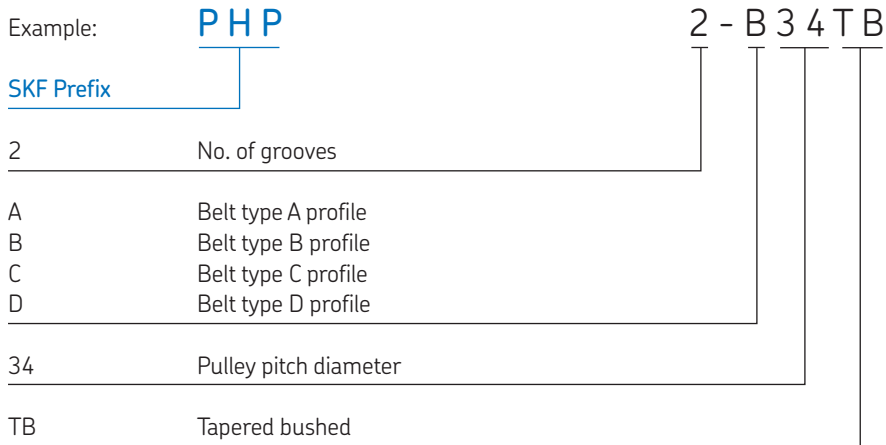


SKF banded belts

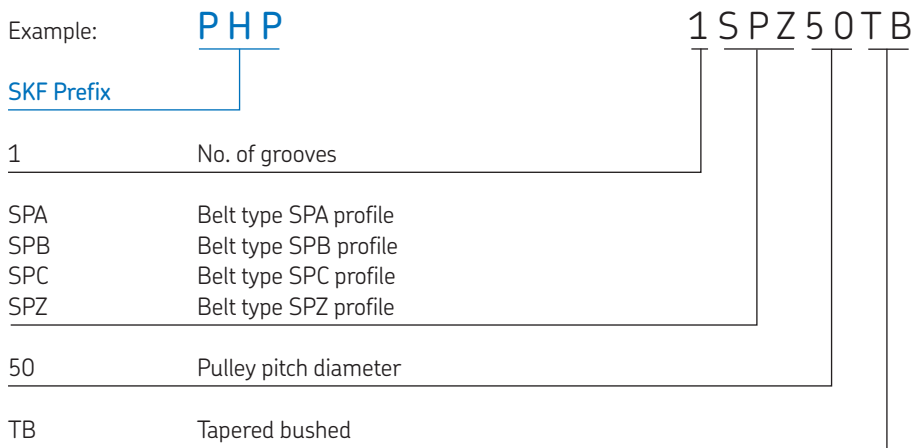


Pulleys

SKF classical V-belt pulleys



SKF wedge belt pulleys



Pulleys

SKF narrow wedge belt pulleys

Example: **PHP** 1 - 3V 265 TB

SKF Prefix

1	No. of grooves
3V	Belt type 3V profile
5V	Belt type 5V profile
8V	Belt type 8V profile
265	Pulley pitch diameter
TB	Tapered bushed

SKF HiTD pulleys

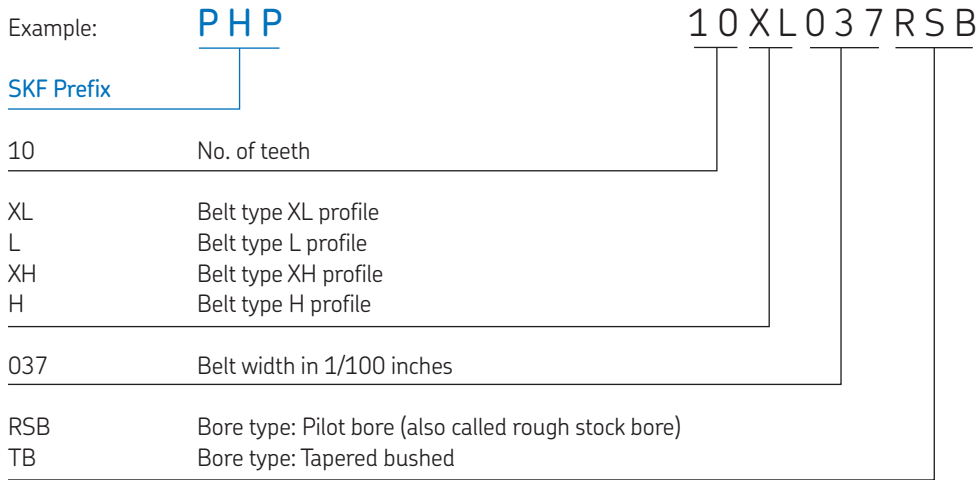
Example: **PHP** 10 - 3 M - 09 R S B

SKF Prefix

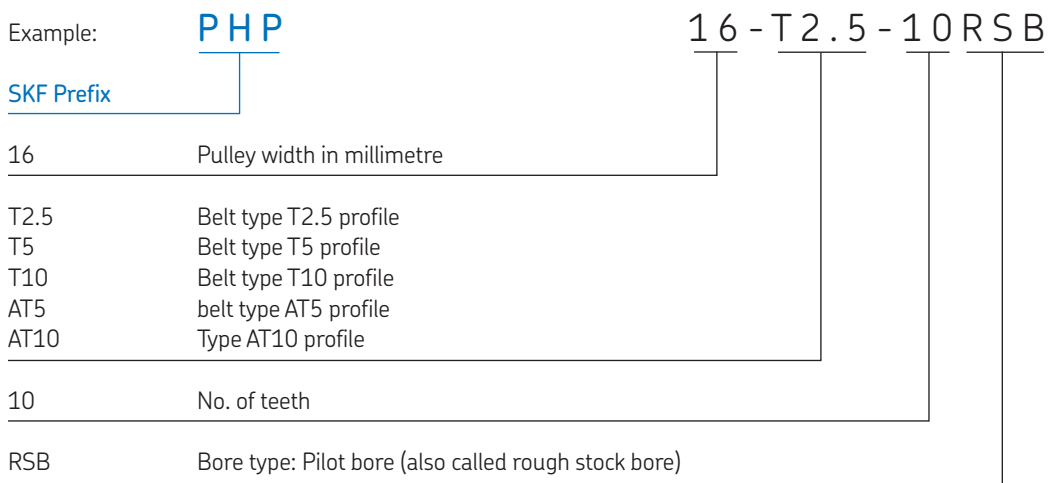
10	No. of teeth
3M	Belt type 3M profile (3 millimetre distance between teeth)
5M	Belt type 5M profile (5 millimetre distance between teeth)
8M	Belt type 8M profile (8 millimetre distance between teeth)
14M	Belt type 14M profile (14 millimetre distance between teeth)
09	Belt width in millimetre
RSB	Bore type: Pilot bore (also called rough stock bore)
TB	Bore type: Tapered bushed

Pulleys

SKF classical timing pulleys



SKF metric timing pulleys



Chains

SKF chains (BS-ISO or ANSI)

Example:	PHC	80-1	C	X10FT
SKF Prefix				
80-1	Roller chain (ANSI Chain No)			
10 B -1	Roller chain (BS/ISO Chain No)			
40 H -1	Heavy duty roller chain (ANSI Chain No)			
25 SH -1	Super heavy roller chain (Chain No)			
40-1 SB	Side bow roller chain (Chain No)			
08 B -1	SLR Self-lubricating roller chain (Chain No)			
16 S -1	Oilfield chain (Chain No)			
2040	Double pitch transmission chain (Chain No)			
C 2040	Double pitch conveyor chain (ANSI Chain No)			
M 20 A 50	Conveyor chain (50 millimetre pitch) (BS/ISO Chain No)			
81 X	Engineering chain (Chain No)			
3939- B 4	Engineering chain (Chain No)			
CL 06-13.5	Flank contact silent chain (Chain No)			
C 4-120	Crotch contact silent chain (Chain No)			
AL 322	Leaf chain (ANSI Chain No)			
BL 422	Leaf chain (ANSI Chain No)			
FL 644	Leaf chain (Chain No)			
LL 0822	Leaf chain (BS/ISO Chain No)			
1256	Leaf chain (Chain No)			
C	Cottered			
SS	Stainless Steel			
DR	Dacrotised			
NP	Nickel-plated			
ZP	Zinc plated			
10 FT	Chain length in feet			
5 MTR	Chain length in metres			



Chains

SKF chain attachments

Example:

PHC**40-1SS-L2WSA2X10FT**

SKF Prefix

80-1	Roller chain (ANSI Chain No)
10B-1	Roller chain (BS/ISO Chain No)
40H-1	Heavy duty roller chain (ANSI Chain No)
25SH-1	Super heavy roller chain (Chain No)
40-1SB	Side bow roller chain (Chain No)
08B-1	SLR Self-lubricating roller chain (Chain No)
16S-1	Oilfield chain (Chain No)
2040	Double pitch transmission chain (Chain No)
C2040	Double pitch conveyor chain (ANSI Chain No)
M20A50	Conveyor chain (50 millimetre pitch) (BS/ISO Chain No)
81X	Engineering chain (Chain No)
3939-B4	Engineering chain (Chain No)
CL06-13.5	Flank contact silent chain (Chain No)
C4-120	Crotch contact silent chain (Chain No)
AL322	Leaf chain (ANSI Chain No)
BL422	Leaf chain (ANSI Chain No)
FL644	Leaf chain (Chain No)
LL0822	Leaf chain (BS/ISO Chain No)
1256	Leaf chain (Chain No)

C	Cottered
SS	Stainless Steel
DR	Dacrotised
NP	Nickel-plated
ZP	Zinc plated

L2 No. of attachments per link

A1, WA1	Attachment type: Bent plate one side
K1, WK1	Attachment type: Bent plate both sides
SA1, WSA1	Attachment type: Straight plate one side
SK1, WSK1	Attachment type: Straight plate both sides

10FT Chain length in feet
5MTR Chain length in metres



Chains

SKF chain links

Example:	PHC	10B-1	X5MTR	C/L
SKF Prefix				
80-1	Roller chain (ANSI Chain No)			
10B-1	Roller chain (BS/ISO Chain No)			
40H-1	Heavy duty roller chain (ANSI Chain No)			
25SH-1	Super heavy roller chain (Chain No)			
40-1SB	Side bow roller chain (Chain No)			
08B-1SLR	Self-lubricating roller chain (Chain No)			
16S-1	Oilfield chain (Chain No)			
2040	Double pitch transmission chain (Chain No)			
C2040	Double pitch conveyor chain (ANSI Chain No)			
10FT	Chain length in feet			
5MTR	Chain length in metres			
C/L	Connecting link			
O/L	Offset link			



Sprockets

SKF sprockets

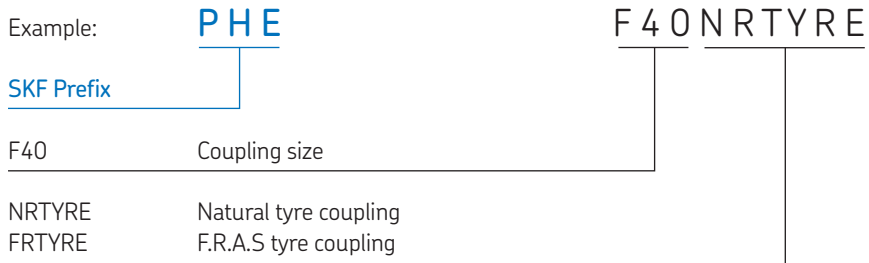
Example	PHS	08B-1BSH10X11
SKF Prefix		
25-1	Chain type ANSI Chain No.	
05 B -1	Chain type BS/ISO Chain No.	
A	Sprocket profile: Pilot bore type A	
B	Sprocket profile: Pilot bore type B	
C	Sprocket profile: Pilot bore type C	
BS	Sprocket profile: Bored to size	
TB	Sprocket profile: Tapered bushed	
H	Hardened teeth (only if applicable)	
10	Number of sprocket teeth	
11	Per finished bore size (only if applicable)	

SKF double simplex sprockets (metric or ANSI)

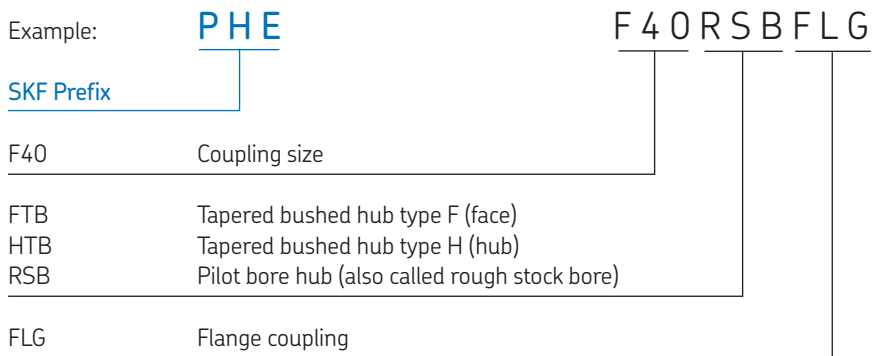
Example:	PHS	08B-1DSTBH12H
SKF Prefix		
25-1	Chain type ANSI Chain No.	
05 B -1	Chain type BS/ISO Chain No.	
DS	Double simplex	
A	Sprocket profile: Type A	
TB	Sprocket profile: Tapered bushed	
H	Hardened teeth (only if applicable)	
12	Number of sprocket teeth	
H	Indicates heavy design (only if applicable)	

Couplings

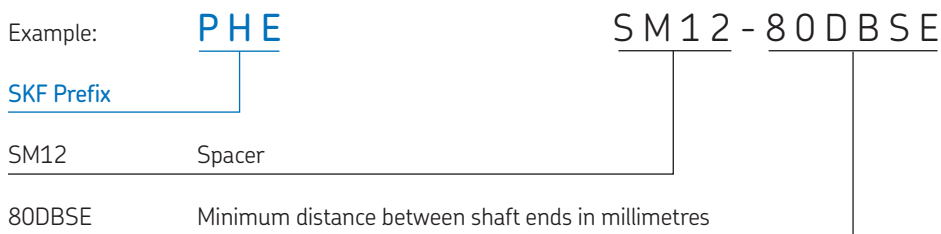
SKF Flex couplings (Tyre)



SKF Flex couplings (Flange)



SKF Flex couplings (Spacer)



Couplings

SKF FRC couplings

Example: **PHE** **FRC70FTB**

SKF Prefix

FRC	Coupling type
70	Coupling size
RSB	Pilot bore hub type B (also called rough stock bore)
FTB	Tapered bushed hub type F (face)
HTB	Tapered bushed hub type H (hub)
NR	Standard element
FR	F.R.A.S element

SKF jaw couplings / SKF Jaw spacer couplings

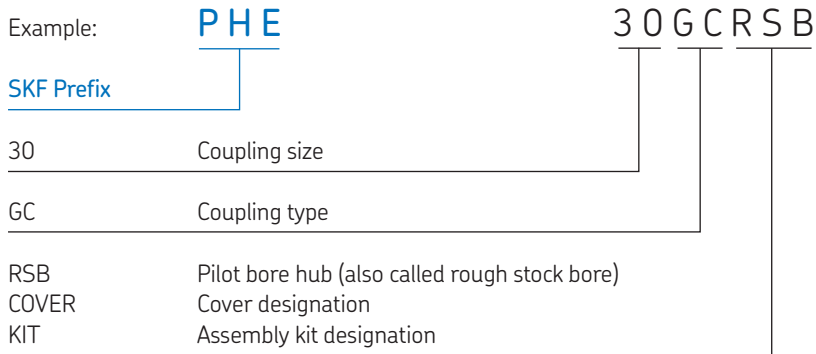
Example: **PHE** **L050HUB - 18MM**

SKF Prefix

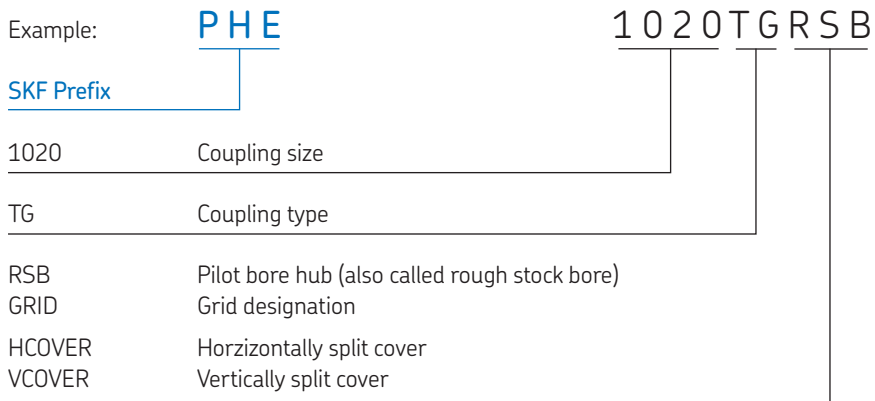
L	Coupling type
050	Coupling size
HUB	Hub type L
NR	Nitrile standard element
NRWRAP	Nitrile wrap element
UR	Urethane element
HL	Hytrede element
RINGKIT	Ringkit
X100SPACER	Spacer 100 millimetres (only valid for SKF Jaw spacer coupling)
X140SPACER	Spacer 140 millimetres (only valid for SKF Jaw spacer coupling)
18MM	Bore to size and keywayed hubs with e.g. 18 millimetre bore (only if applicable)
16MMP	Bore to sized hubs (no keyway) with e.g. 16 millimetre bore (only if applicable)

Couplings

SKF gear couplings

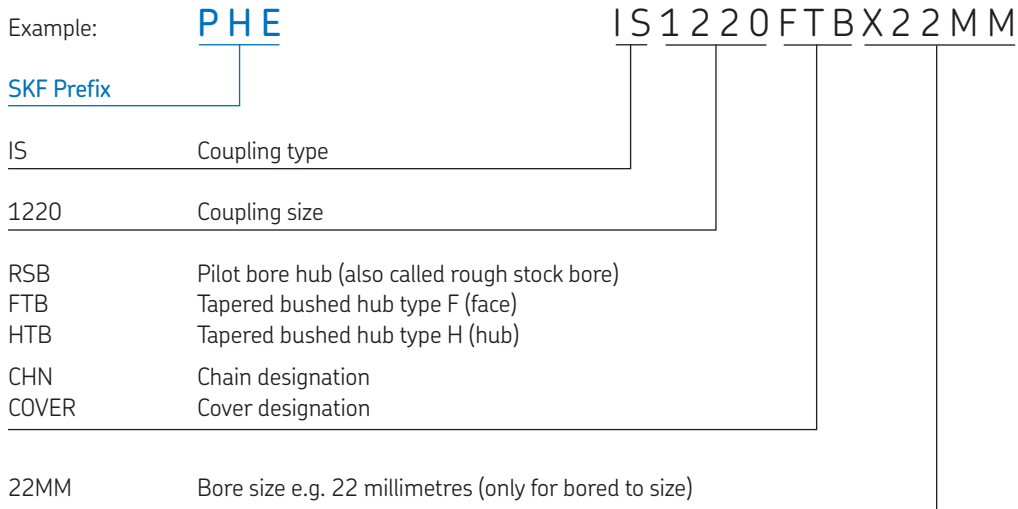


SKF grid couplings

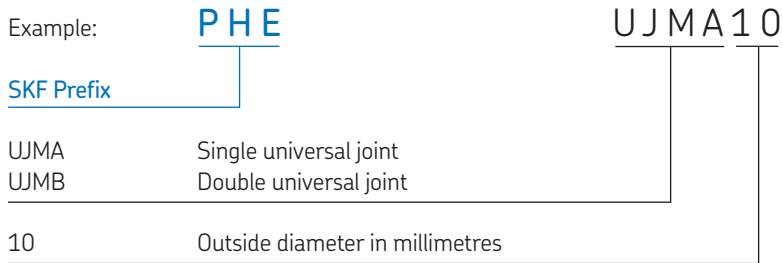


Couplings

SKF chain couplings

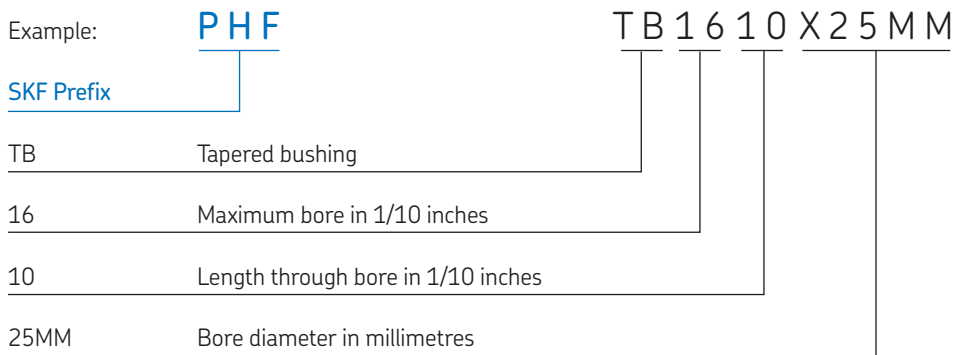


SKF universal joints



Bushings and Hubs

SKF bushings



SKF hubs



SKF hub adapters

