Bore Additional Modification BT

- Coupling bores can be additionally modified. Bore diameters can be specified in 0.001 mm increments.
- For bore diameters D₁ and D₂, specify the standard bore diameter for each product from minimum diameter to maximum diameter.*¹
 - *1: For standard and maximum bore diameters, see each product page.

For disk type, the bore diameters listed in the "Disk Type Bore Diameters Available" below can be specified with this service

For bore diameters outside the range, please contact our customer service.

- Combination with the keyway additional modification KT *2 is also possible.
 - *2: The bore diameters listed in the "Keyway Additional Modification Applicable Bore Diameter List" are available for the service.
- Additional modification is also available for inch size bores. For inch size bore diameters, refer to the table below and specify in millimeter increments.

inch	mm	inch	mm
1/8	3.175	13/16	20.638
3/16	4.763	7/8	22.225
1/4	6.35	15/16	23.813
5/16	7.938	1	25.4
3/8	9.525	1 - 1/8	28.575
7/16	11.113	1 - 1/4	31.75
1/2	12.7	1 - 3/8	34.925
9/16	14.288	1 - 1/2	38.1
5/8	15.875	1 - 5/8	41.275
11/16	17.463	1 - 3/4	44.45
3/4	19.05	2	50.8

• When converting values into millimeters, round up the 4th digit after the decimal point.

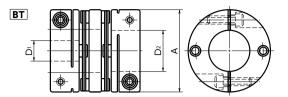
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Please note.

• For disk type bore diameters, specify from the available bore diameter range in the table below.

Unit: mm									
Disk Type Bore Diameters Available D1/D2									
3	4	4.5	5	6	6.35	7	8	9	
9.525	10	11	12	13	14	15	16	17	
18	19	20	22	24	25	28	30	32	
35	38	40	42	45	50				

- For bore diameters D₁ and D₂, specify the standard bore diameter for each product from minimum diameter to maximum diameter.
- Disk type specifiable bore diameters are regularly added.
 Please visit the NBK website for the latest information.



Target Products/Fees

- Coupling category products are targeted.
- Target products are displayed with compatibility and fees at the bottom of the product page.



Туре	Product	Code				
High-Gain Rubber	XGT2	XGL2	XGS2	XGT	XGL	XGS
Vibration- Absorption Capable*1	XGHW					
	XHW	XHW-AC*3	XHS	XBW	XBS	MDW
Disk*2	MDS	MHW	MHS			
DISK**2	XBWS					
	XBSS					
	MSX	MST	MWS	MSH		
Slit	MSTS					
	MWSS					
Jaw	MJC	MJS				
Cross Joint	XUT					
	мос	MOR	MOL	MOS	MOP	
Oldham	мом					
	MOHS					
D-II	MFB					
Bellows	MFBS					
Serration	MSF					
D:=:d*4	MRG	MLR				
Rigid*4	MRGS	MLRS				

- Please contact our customer service for the price and delivery time of MJB, L, SS, LS, LSS, MKM, MWBS, XSTS, XWSS, MSXP, and XRP.
- *1: Bore additional modification is only performed on the D1 side for The vibration-absorption capable disk type **XGHW**
- *2: For disk type bore diameters D1 and D2, specify from the disk type available bore diameter range table.
- *3: Bore additional modification is only performed on the D2 side for **XHW-AC**.
- *4 MRG-W, MRGS-W, MLR-V, and MLRS-V are not available.

Keyway additional modification

- Delivery time
- Please contact our customer service.
- Please contact our customer service regarding combination with other services.
- *1: Please contact our customer service for the delivery time of [XUT], [MOP], [MOHS] and [MSH].

Part Number Specification

Additional modification of single-side bores
XHW-25C-7-BT-8
Coupling Part D1 Modification D2
Additional modification of double-side bores
XGT2-25C-7-BT-9.525-BT
Coupling Part D1 Modification D2 Modification Number (Inch Thread) Symbol (Inch Thread) Symbol (Inch Thread) Symbol (Inch Thread) (I
Additional modification of double-side bores + double-side keyways
MOL-50C-17-BT-KT-19-BT-KT
Coupling Part Number Modification D ₂ Modification Symbol Symbol
Specify the modification symbol BT after the bore diameter to be modified. Combination with the keyway additional modification FT *1 is

also possible.

*1: The bore diameters listed in the "Keyway Additional Modification Applicable Bore Diameter List" are available for the service.

Couplings Bore/Keyway Additional Modification Service



Bore additional modification

Keyway Additional Modification KT

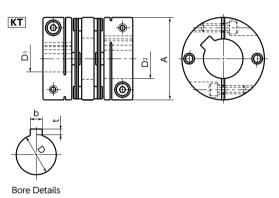
- Couplings can be additionally modified with new JIS keyways based on JIS B 1301.
- The bore diameters listed in the "Keyway Additional Modification Applicable Bore List" in the table below are available for the service.
- Keyways are modified in positions determined by our references.
- Keyway additional modification is available for both single-side only and double-side.

As high-gain rubber and rigid types have the same bore diameter on both sides, keyway modification is available for double-side only.

- Combination with the bore additional modification **BT** is also possible.
- Keyway Additional Modification Applicable Bore Diameter List

								Unit: mm	
Applicable Bore Diameter D1/D2			Keyway	Key					
			b		t		b×h		
					Reference Allowance		Nominal		
			Dimensions	nensions JS9 Dimensions			Dimension		
6	7				2	±0.0125	1.0	+0.1 0	2×2
8	9	10			3	±0.0125	1.4	+0.1	3×3
11	12				4	±0.0150	1.8	+0.1 0	4×4
13	14	15	16	17	5	±0.0150	2.3	+0.1	5×5
18	19	20	22		6	±0.0150	2.8	+0.1 0	6×6
24	25	28	30		8	±0.0180	3.3	+0.2	8×7
32	35	36	38		10	±0.0180	3.3	+0.2	10×8
40	42	44			12	±0.0215	3.3	+0.2	12×8
45	48	50			14	±0.0215	3.8	+0.2 0	14×9

• The service does not cover keyway additional modification for combinations with bore diameters not listed in the table. Please contact our customer service for details.



Target Products/Fees

- Coupling category products are targeted.
- Target products are displayed with compatibility and fees at the bottom of the product page.



Туре	Product Code						
High-Gain Rubber	XGT2	XGL2	XGS2	XGT	XGL	xgs	
Vibration- Absorption Capable*1	XGHW						
	XHW	XHW-AC*2	XHS	XBW	XBS	MDW	
Disk	MDS	MHW	MHS				
	XBWS	XBSS					
Jaw	MJT						
Cross Joint	XUT						
	MOC	MOR	MOL	MOS	MOP		
Oldham	MOM						
	MOHS						
Bellows	MFB						
	MFBS						
Serration	MSF						
Rigid*3	MRG	MLR	MRGS	MLRS			

- Please contact our customer service for the price and delivery time of [MSX], [MST], [MSTS], [MWS], [MWSS], [MKM]
 [MWBS], [XSTS], and [XWSS].
- \bullet We also offer keyway additional modification not listed in the catalog. Please contact our customer service.
- *1: Keyway additional modification is only performed on the D1 side for The vibration-absorption capable disk type **XGHW**
- *2: Keyway additional modification is only performed on the D2 side for [XHW-AC].
- *3: Rigid Type MRG-W MRGS-W MLR-V MLRS-V is not targeted.

Delivery time

- Please contact our customer service.
- Please contact our customer service regarding combination with other services.
- *1: Please contact our customer service for the delivery time of [XUT], [MOP], and [MOHS].

Part Number Specification

Additional modification of single-side keyway

XHW-25C-10-KT-12

Coupling Part

D. Modication D.

Additional modification of double-side keyways

XHW-25C-10-KT-12-KT
Coupling Part
Number
D1 Woodination
D2 Woodination
Simble Service

Additional modification of double-side bore + keyway

MOL-50C-17-BT-KT-19-BT-KT

Coupling Part
Number

Modification D2 Symbol Symbol

Specify the modification symbol $\boxed{\text{KT}}$ after the bore diameter with the keyway to be modified.

Combination with the bore additional modification \fbox{BT} is also possible.