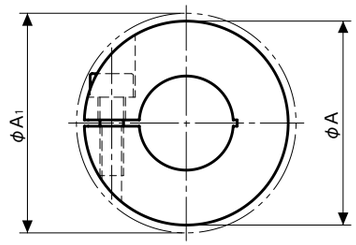
Glossary

Rotation Diameter

Rotation diameter refers to the larger of the coupling outer diameter (ϕA) or the diameter with the bolt head protruding (ϕA1) while rotating.
When using couplings in narrow spaces, pay attention to the rotation diameter. Refer to the table below for rotation diameter details.
The rotation diameter is calculated based on the reference dimensions. As it fluctuates according to tolerance, build a margin into your design values.



ϕA : Coupling outer diameter
ϕA1 : Bolt head protrusion diameter
Rotation diameter : The larger value of ϕA or ϕA1

Rotation Diameter Part Number List

Bolt head protrusion diameter values that are larger than the coupling outer diameter are listed in red.

● High-gain Rubber Type

Unit: mm

Part number＼Outer diameter	15	19	25	27	30	34	39	44	56
XGT2-C	15	19	25	27	30	34	39	44	56
XGL2-C	15	19	25	27	30	34	39	-	-
XGS2-C	15	19	25	27	30	34	39	-	-

Part number＼Outer diameter	15	19	25	27	30	34	39	44	56
XGT-C • XGT-CS	15	19	25	27	30	34	39	44	56
XGL-C	15	19	25	27	30	34	39	-	-
XGS-C • XGS-CS	15	19	25	27	30	34	39	-	-

● Vibration-Absorption Capable Type

Unit: mm

Part number＼A1 Outer diameter	27	36	41	49
XGHW-C	27	36	41	49

● Disk Type

Unit: mm

Part number＼Outer diameter	15	19	25	27	34	39	44	56	64	79
XHW-C • XHW-C-L	15	19.1	25	27	34	39	44	56	64	79
XHS-C	15	19.1	25	27	34	39	44	56	64	79

Part number＼Outer diameter	15	19	25	27	34	39	44	56	68	82	94	104
XBW-C	15	19	25	27	34	39	44	56	68	82	94	104
XBWS-C	15	19	25	27	34	39	44	56	-	-	-	-
XBS-C	15	19	25	27	34	39	44	56	68	82	94	104
XBSS-C	15	19	25	27	34	39	44	56	-	-	-	-

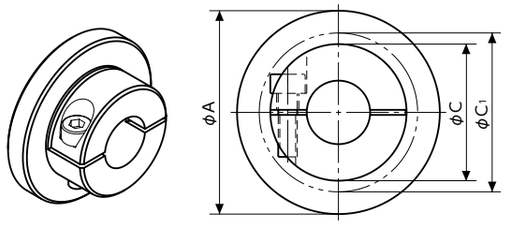
Part number＼Outer diameter	19	25	32	40	50	63
MDW-C	19	25	32	40	50	63
MDS-C	19	25	32	40	50	63

※1 **MHW** **MHS**

Part number＼Part A rotation diameter	32	40	50	63	63※2
MHW-C※1	32	40	50	63	63
MHS-C※1	32	40	50	63	63

Part number＼Part C (hub) rotation diameter	32	40	50	63	63※2
MHW-C※1	24.6	31.2	41.9	49	50.4
MHS-C※1	24.3	31.2	41.9	49	50.4

※2 For ϕ25 shaft holes



ϕA : Coupling outer diameter
ϕC : Hub outer diameter
ϕC1 : Hub bolt head protrusion diameter
Part A rotation diameter : Coupling outer diameter
Hub rotation diameter : The larger value of ϕC or ϕC1

● Slit Type

Unit: mm

Part number＼Outer diameter	16	19	24	29	34	39	44
MSX-C	16	19.1	24.8	29	34	39	44

Part number＼Outer diameter	12	16	20	25	32	40	50	63
MST-C • MSTS-C	14	17.5	20	25.8	32.5	42.2	51.5	66.7

Part number＼Outer diameter	12	16	20	25	32
MWS-C • MWSS-C	14	17.5	20	25.8	32.5

● Jaw Type

Unit: mm

Part number＼Outer diameter	14		20		30		40		55		65		80		95	
Bore	3 - 5	6 - 7	4 - 8	9.525 - 11	6 - 12	14 - 16	8 - 20	22 - 25	10 - 28	30 - 32	14 - 32	35 - 38	20 - 42	45	25 - 48	50 - 55
MJT-C • MJT-CK	14.7	14.8	20.1	21.1	30.8	30.4	41.3	42.8	55.1	55	66.7	65	80	81.1	95	97.7

● Oldham Type

Unit: mm

Part number＼Outer diameter	12	15	17	20	26	30	34	38	45	55	68
MOR-C • MOR-CK	14.1	17.2	19.6	24	27.5	33	35.7	42.3	45.5	55	70.4

Part number＼Outer diameter	15	17	20	26	30	34	38	45	55	70
MOM-C • MOM-CK	15.2	17.1	21.8	26.7	30.3	35.2	38.7	45	55	70

Part number＼Outer diameter	16	20	25	32	40	50	63
MOL-C	17.5	20	26.2	32.5	40	50	63

Part number＼Outer diameter	12	16	20	25	32
MOS-C	14.1	17.4	20	25.8	32.5

● Bellows Type

Unit: mm

Part number＼Outer diameter	12	16	20	25	32
MFB-C	14.1	17.5	20	25.8	32.5
MFBS-C	14.2	17.6	20.1	25.9	32.6

● Rigid Type

Unit: mm

Part number＼Outer diameter	16	19	24	34	39
XRP-C	16	19.2	24.4	34	39

Part number＼Outer diameter	16	20	25	32	40	50	65
MRG-C • MRGS-C	17.6	20.1	25.9	32.6	41.5	51.9	67.3
MRG-W • MRGS-W	17.6	20.1	25.9	32.6	41.5	51.9	67.3

Part number＼Outer diameter	16	20	25	32
MLR-C • MLRS-C	16	20	25	32
MLR-V • MLRS-V	16	20	25	32

● Cleanroom / Vacuum / Heat Resistant Type

Unit: mm

Part number＼Outer diameter	25	32	40	50	63
XSTS-C	25.8	32.5	42.2	51.5	66.7

Part number＼Outer diameter	25	32
XWSS-C	25.8	32.5

Part number＼Outer diameter	25	30	36
MSXP-C	25	30	36

Part number＼Outer diameter	19	26	32
MOHS-C	20	25.8	31.7

Part number＼Outer diameter	20	25	32
MOP-C	20	25.8	32