- Incremental encoders
- Absolute encoders
- Linear transducers
- Helical couplings

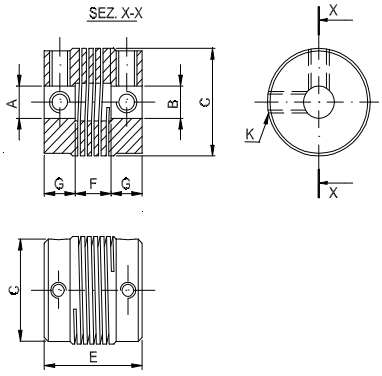
UNI EN ISO 9001 CERTIF. 9115.SICD

HELICAL COUPLINGS

SICOD's helical copuplings, made in an only metallic piece having an helical groove, yield both elasticity and twisting stiffness. Break or wear points are thus eliminated, as no gymbal or other moving parts are involved; morevover, these joints do not give any form of backlash, nor will ever require lubrication or maintenance.
The moment of inertia is very low, due to the extremely low size of the unit.
It's possibile to do versions with different inlet and outlet diameters.
Compensated alignments are: radial max. ±0.25 mm, axial max. ±0.25 mm, angular max. ±5°

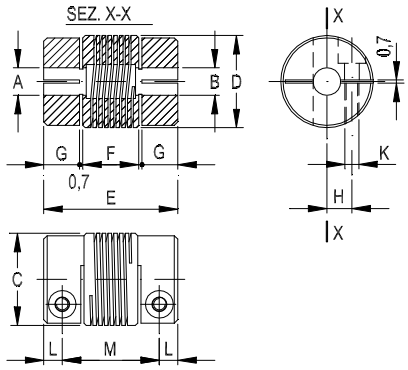
SG model

A Ø -0 +0.05	B Ø -0 +0.05	C	D	E	F	G	H	K Ø	TWISTING MOMENT (Nm)
3 ÷ 4	3 ÷ 4	15	14	19	8	5,5	2,75	3M	0,6
5 ÷ 6.35	5 ÷ 6.35	20	19	19	8	5,5	2,75	3M	1,1
7 ÷ 10	7 ÷ 10	25	24	23	13	5	3	4M	2,2
11 ÷ 12.7	11 ÷ 12.7	30	29	29	17	6	3,5	5M	4



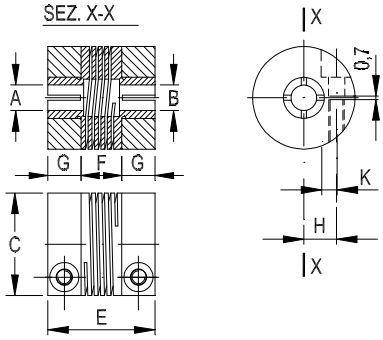
SM model

A Ø -0 +0.05	B Ø -0 +0.05	C	D	E	F	G	H	K Ø	TWISTING MOMENT (Nm)
3 ÷ 4	3 ÷ 4	15	14	23	7,6	7	4,7	2M	0,6
5 ÷ 6.35	5 ÷ 6.35	20	19	29	11,6	8	6,5	3M	1,1
7 ÷ 10	7 ÷ 10	25	24	31	13,6	8	8	3M	2,2
11 ÷ 12.7	11 ÷ 12.7	30	29	38	16,6	10	10	4M	4



SC model

A Ø -0 +0.05	B Ø -0 +0.05	C	-	E	F	G	H	K Ø	TWISTING MOMENT (Nm)
3 ÷ 4	3 ÷ 4	15	-	20	8	6,0	3,00	3M	0,6
5 ÷ 6.35	5 ÷ 6.35	20	-	20	8	6	3	3M	1,1
7 ÷ 10	7 ÷ 10	25	-	27	13	7	3,5	4M	2,2
11 ÷ 12.7	11 ÷ 12.7	30	-	33	17	8	4	5M	4



ORDERING CODE

Model	∅ Inlet (A)	∅ Inlet (B)	∅ Outlet (C)
SM	12	12	30

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