ROLLER DESCRIPTION

ROLLER SKIRT

This is a tube obtained from a hot galvanized band steel.

alternatively:
tube in shockproof PVC (polyvinylchloride).

BEARING HEADS

Made of PP (polypropylene) with complete ball insertion.

SHAFTS

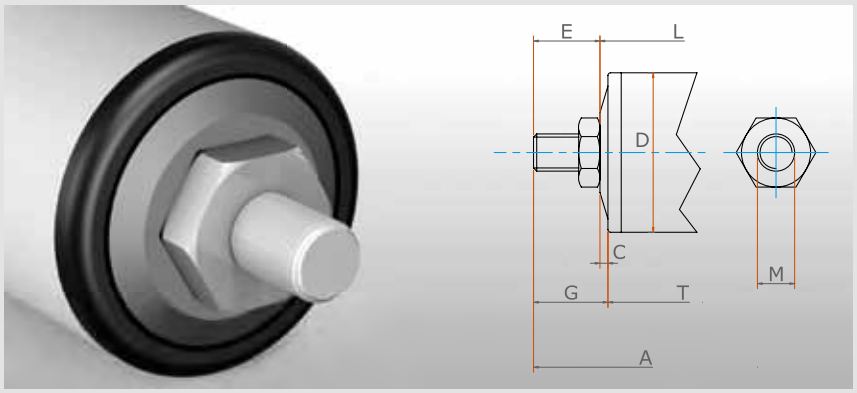
Drawn in steel made in accordance with UNI-EN 10233 Fe C40 standards.

DETERMINING THE LOAD

TYPE		YP SERIES					
L		YP2006	YP3008	YP4008	YP5008	YP4010	YP5010
Roller lenght	C= Roller loads in daN						
80/200		5,00	10,00	15,00	20,00	15,00	20,00
250		5,00	10,00	15,00	20,00	15,00	20,00
300		3,00	9,00	13,00	20,00	13,00	20,00
350		3,00	8,00	11,00	20,00	11,00	20,00
400		1,00	6,00	9,00	18,00	9,00	18,00
450			5,00	8,00	16,00	8,00	16,00
500	C		4,00	6,00	14,00	6,00	14,00
550			2,00	5,00	12,00	5,00	12,00
600			1,00	3,00	10,00	3,00	10,00
650				2,00	8,00	2,00	8,00
700				1,00	7,00	1,00	7,00
750					6,00		6,00
800					4,00		4,00

TYPE		YA SERIES					
L		YP2006	YP3008	YP4008	YP5008	YP4010	YP5010
Roller lenght	C= Roller loads in daN						
80/200		5,00	10,00	18,00	23,00	18,00	23,00
250		5,00	10,00	18,00	23,00	18,00	23,00
300		4,00	10,00	18,00	23,00	18,00	23,00
350		3,00	9,00	16,00	21,00	16,00	21,00
400		2,00	8,00	16,00	19,00	16,00	19,00
450			7,00	15,00	17,00	15,00	17,00
500	C		6,00	14,00	16,00	14,00	16,00
550			5,00	12,00	15,00	12,00	15,00
600			4,00	11,00	15,00	11,00	15,00
650				10,00	14,00	10,00	14,00
700				9,00	13,00	9,00	13,00
750					12,00		12,00
800					11,00		11,00

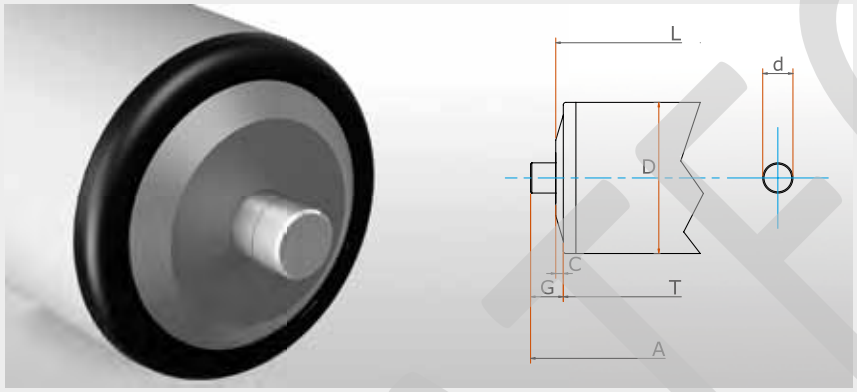
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TYPE "C" COUPLING FORM

A turning and external threading operation is carried out on the roller shaft for fixing it to the structure.

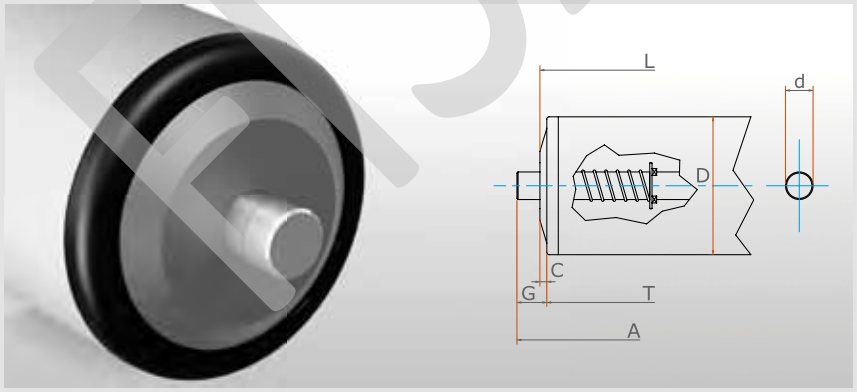
C TYPE	SERIES YP-YA 2006	SERIES YP-YA 3008	SERIES YP-YA 4008	SERIES YP-YA 5008	SERIES YP-YA 4010	SERIES YP-YA 5010
D	20	30	40	50	40	50
G	19	22	22	23,5	24	25,5
C	2	2	2	3,5	2	3,5
E	17	20	20	20	22	22
M	6	8	8	8	10	10



TYPE "D" COUPLING FORM

A projection is left on the roller shaft in such a way as to allow it to be fixed to the structure.

C TYPE	SERIES YP-YA 2006	SERIES YP-YA 3008	SERIES YP-YA 4008	SERIES YP-YA 5008	SERIES YP-YA 4010	SERIES YP-YA 5010
D	20	30	40	50	40	50
d	6	8	8	8	10	10
G	8	10	10	11,5	12	13,5
C	2	2	2	3,5	2	3,5

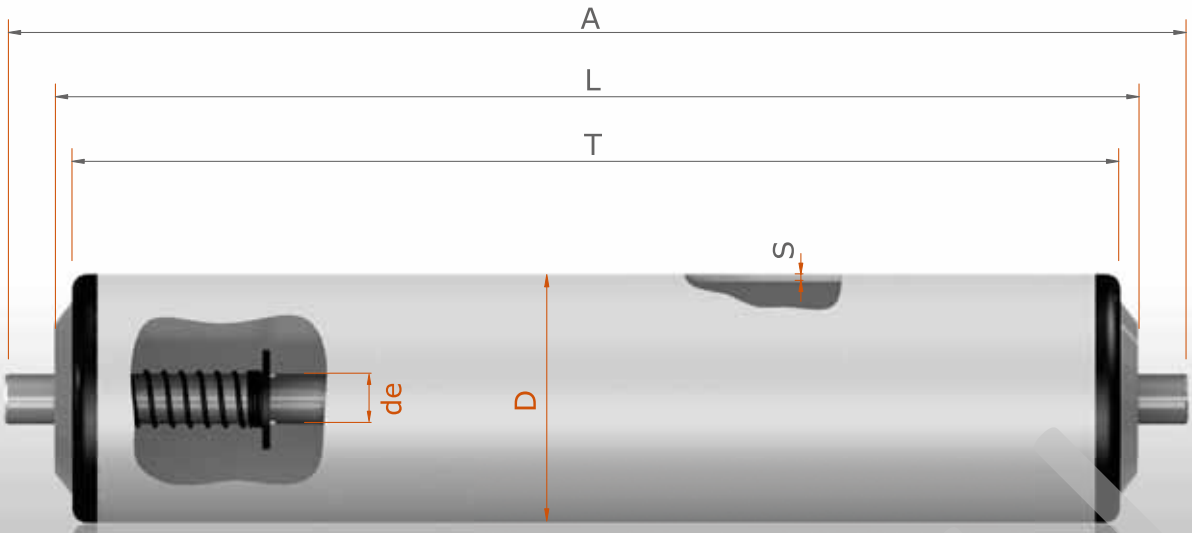


TYPE "E" COUPLING FORM

A retractable shaft to permit fixing to the structure.

E TYPE	SERIES YP-YA 2006	SERIES YP-YA 3008	SERIES YP-YA 4008	SERIES YP-YA 5008	SERIES YP-YA 4010	SERIES YP-YA 5010
D	20	30	40	50	40	50
d	6	8	8	8	10	10
G	8	10	10	11,5	12	13,5
C	2	2	2	3,5	2	3,5

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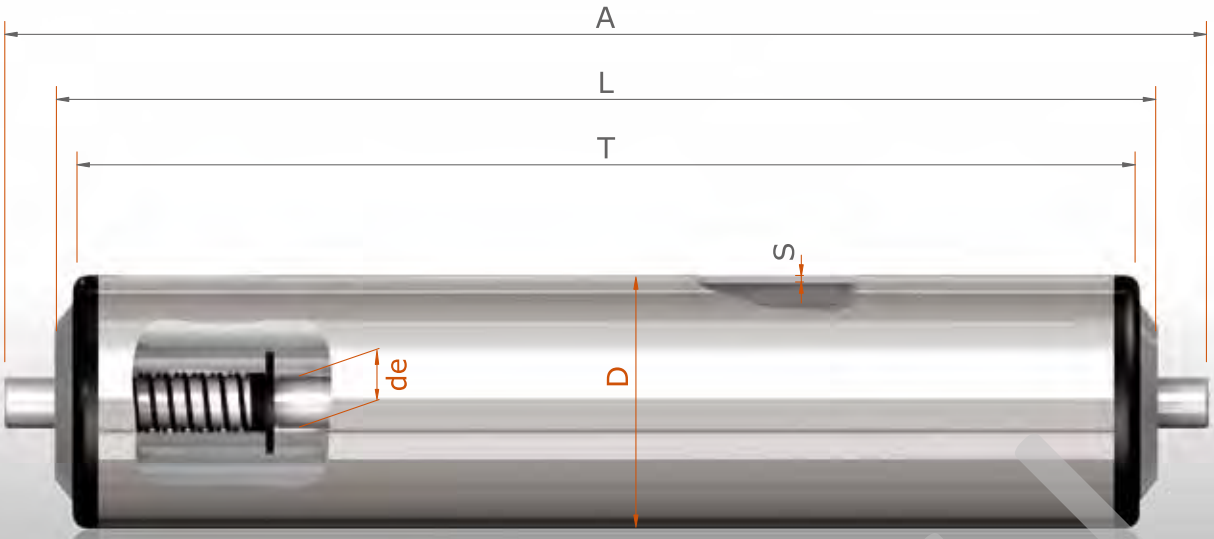


YP IDLER PVC ROLLERS									
CODE	D	S	de	T	A	L MIN	L MAX	WEIGHT L =200	BY CM
YP2006	20	1,5	6	L-4	L+12	80	400	0,084	0,0036
YP3008	30	1,8	8		L+16			0,157	0,0064
YP4008	40	2,3					700	0,201	0,0079
YP5008	50	2,8		L-7			800	0,253	0,0101
YP4010	40	2,3	10	L-4			700	0,252	0,0101
YP5010	50	2,8		L-7	L+20		800	0,304	0,0124

PRODUCT DESCRIPTION

Rollers with a polyamide tube of special construction mounted on PVC heads, with complete prelubricated and protected steel ball bearings.
They can be supplied with stainless steel shafts and stainless steel balls on request.
These are recommended for conveyors with light loads and those that work by gravity in general.

Fisatech s.r.o., Hlavná 361/53, 076 64 Z. Teplica, tel.: 0908 135 761, e-mail: info@fisatech.sk www.fisatech.sk



YA IDLER PVC ROLLERS									
CODE	D	S	de	T	A	L MIN	L MAX	WEIGHT L =200	BY CM
YA2006	20	1,5	6	L-4	L+12	80	400	0,180	0,0091
YA3008	30		8		L+16		600	0,297	0,0145
YA4008	40						700	0,378	0,0182
YA5008	50			L-7			800	0,463	0,0219
YA4010	40		10	L-4	L+20		700	0,428	0,0204
YA5010	50			L-7			800	0,514	0,0241

PRODUCT DESCRIPTION

Rollers with a steel tube mounted on PVC heads, with rigid radial bearings, prelubricated and protected.
They can be supplied with stainless steel shafts and stainless steel balls on request.
These are recommended for conveyors with light loads and those that work by gravity in general.

ROLLER DESCRIPTION

ROLLER SKIRT

This is a tube in hot-rolled steel.

alternatively:
tube in shockproof PVC (polyvinylchloride).

BEARING HEADS

Made of PP (polypropylene) with oblique or radial bearings, prelubricated and protected.

SHAFTS

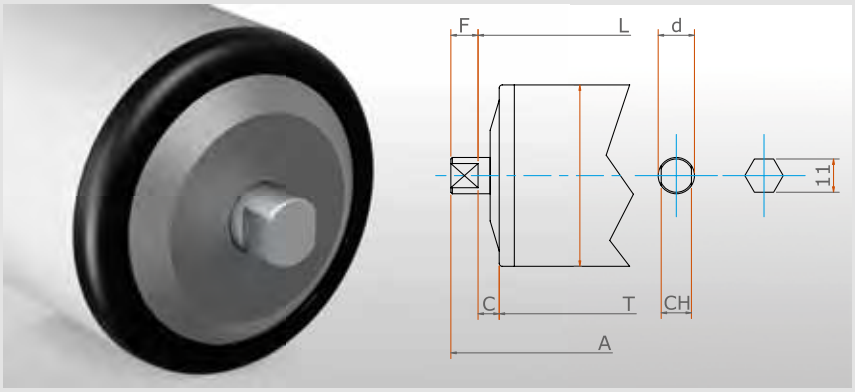
Drawn in steel made in accordance with UNI-EN 10233 Fe C40 standards.

DETERMINING THE LOAD

TYPE	KP SERIES		
L	D	50	63
Roller lenght	C= Roller loads in daN		
80/200	C	55	92
300		36	61
400		25	50
500		20	45
600		10	24
700		6	15
800		5	10
900			7
1000			4

TYPE	KA SERIES				
L	D	50.10	60.10	50.11-12-14	60.11-12-14
Roller lenght	C= Roller loads in daN				
80/400	C	130	130	150	185
500		100	100	130	172
600		85	85	105	156
700		70	70	90	131
800		62	62	78	115
900		55	55	69	101
1000		48	48	63	92
1200		40	40	51	75
1400		34	34	36	63

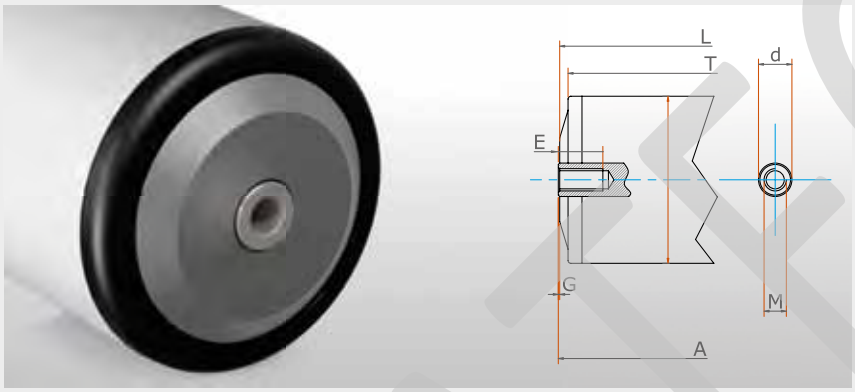
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TYPE “A” COUPLING FORM

A milling operation is carried out on the roller shaft in order to obtain the key for the insertion of the various supports

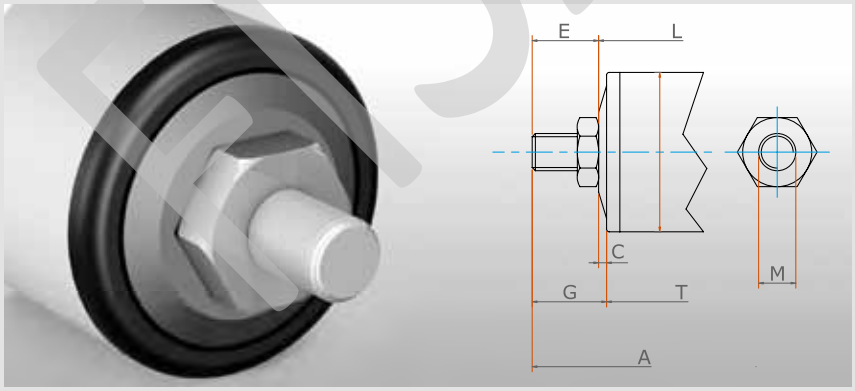
A TYPE	KP-KA SERIES			
C	3	2,5	3	3
F	6	11	6	9
d	10	ESAGONO 11	12	14
CH	8	11	10	12



TYPE “B” COUPLING FORM

A drilling and internal threading operation is carried out on the roller shaft for fixing it to the structure.

B TYPE	KP-KA SERIES		
G	0,5	0,5	0,5
E	12	15	15
d	10	12	14
M	6	8	8

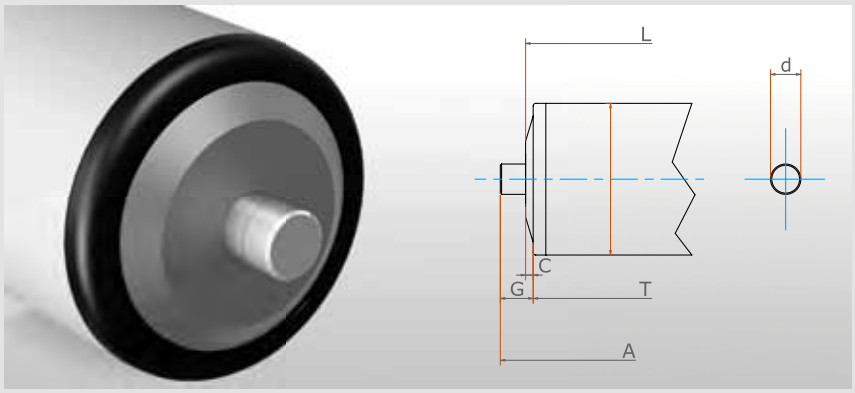


TYPE “C” COUPLING FORM

A turning and external threading operation is carried out on the roller shaft for fixing it to the structure.

C TYPE	KP-KA SERIES		
G	29	33	36
C	2,5	2,5	2,5
E	26,5	30,5	33,5
M	10	12	14

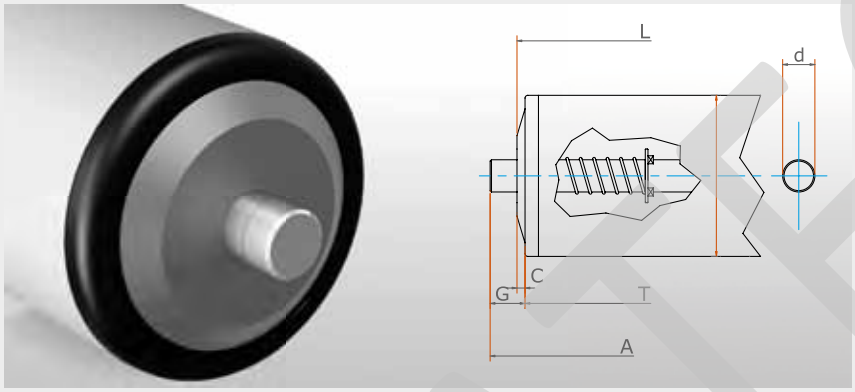
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TYPE “D” COUPLING FORM

A projection is left on the roller shaft in such a way as to allow it to be fixed to the structure.

D TYPE	KP-KA SERIES		
G	12,5	13,5	14,5
C	2,5	2,5	2,5
d	10	ESAGONO 11	12

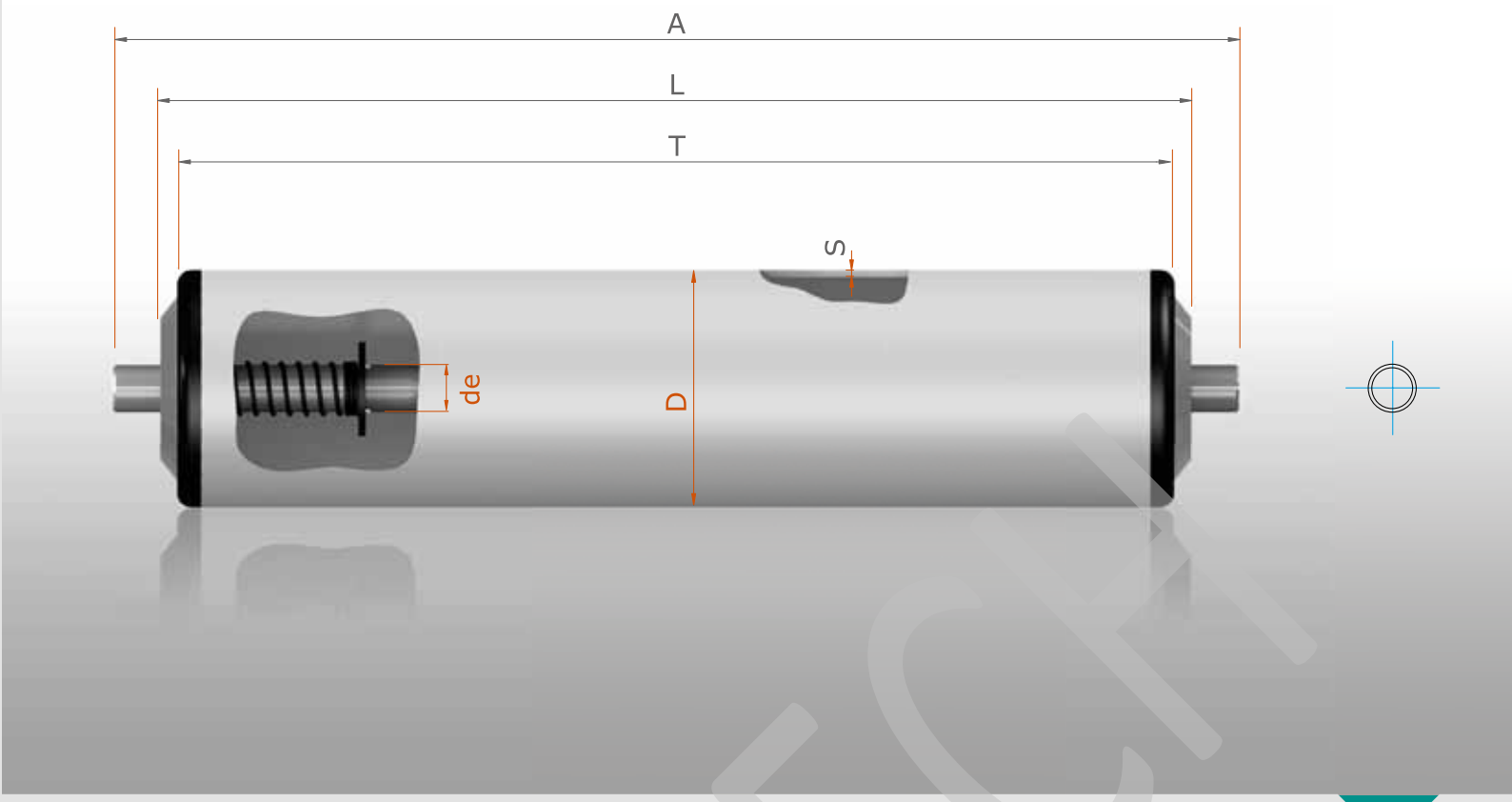


TYPE “E” COUPLING FORM

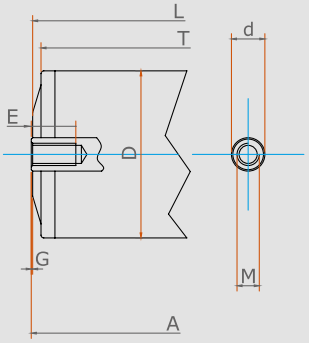
A retractable shaft to permit fixing to the structure.

E TYPE	KP-KA SERIES		
G	12,5	13,5	14,5
C	2,5	2,5	2,5
d	10	ESAGONO 11	12

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KP IDLER PVC ROLLERS									
CODE	D	S	de	T	A	L MIN	L MAX	WEIGHT L =200	BY CM
KP5010	50	2,8	10	L-5	L+20	80	800	0,345	0,0124
KP6310	63	3					1000	0,420	0,0150
KP5011	50	2,8	CH11		L+22		800	0,389	0,0144
KP6311	63	3					1000	0,445	0,0170
KP5012	50	2,8	12		L+24		800	0,404	0,0151
KP6312	63	3					1000	0,481	0,0180
KP5014	50	2,8	14		L+1		800	0,475	0,0183
KP6314	63	3					1000	0,527	0,0210

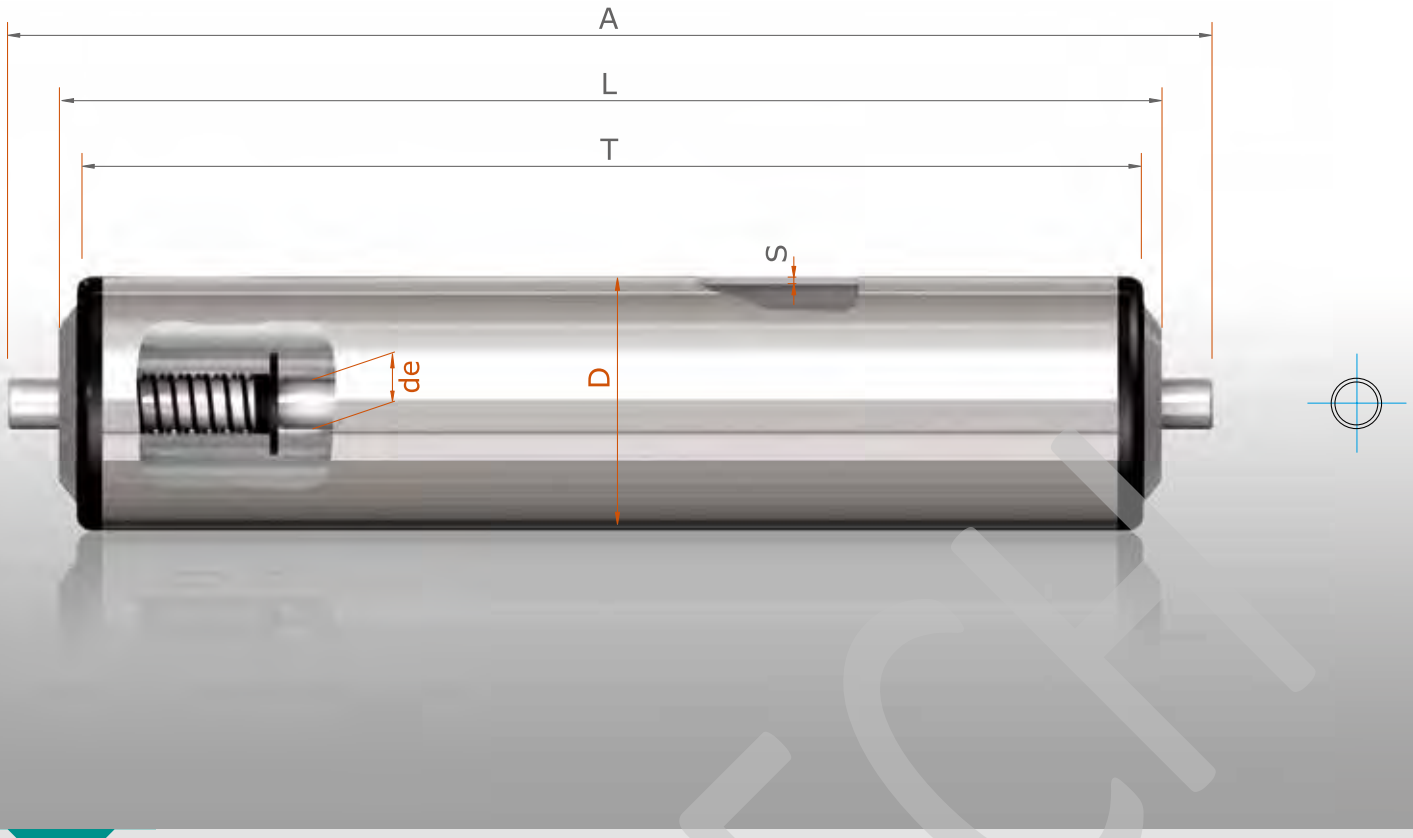


** The dimensions in the table refer to a type "E" form of coupling.*

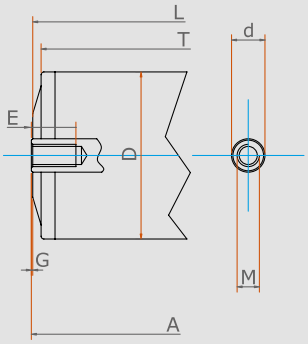
** The dimensions in the table refer to a type "B" form of coupling with de=14.*

PRODUCT DESCRIPTION

Rollers with a polyamide tube of special construction mounted on PVC heads, with rigid radial bearings, prelubricated and protected. They can be supplied with stainless steel shafts and stainless steel balls on request.
These are recommended for conveyors with light loads and those that work by gravity in general.



KA IDLER PVC ROLLERS									
CODE	D	S	de	T	A	L MIN	L MAX	WEIGHT L =200	BY CM
KA5010	50	1,5	10	L-5	L+20	80	1400	0,553	0,0241
KA6010	60							0,636	0,0278
KA5011	50		ES11		L+22			0,598	0,0262
KA6011	60							0,691	0,0299
KA5012	50		12		L+24			0,613	0,0268
KA6012	60							0,706	0,0305
KA5014	50		14		L+1			0,683	0,0300
KA6014	60							0,777	0,0337



** The dimensions in the table refer to a type "E" form of coupling.*

** The dimensions in the table refer to a type "B" form of coupling with de=14.*

PRODUCT DESCRIPTION

Rollers with a steel tube mounted on PVC heads, with rigid radial bearings, prelubricated and protected.
They can be supplied with stainless steel shafts and stainless steel balls on request.
These are recommended for conveyors with light loads and those that work by gravity in general.

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