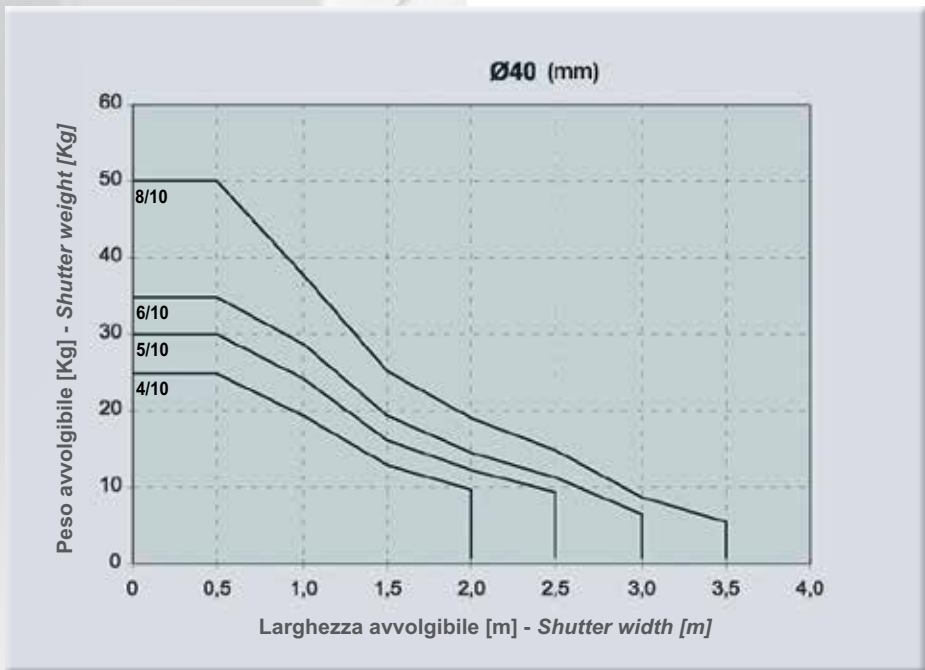
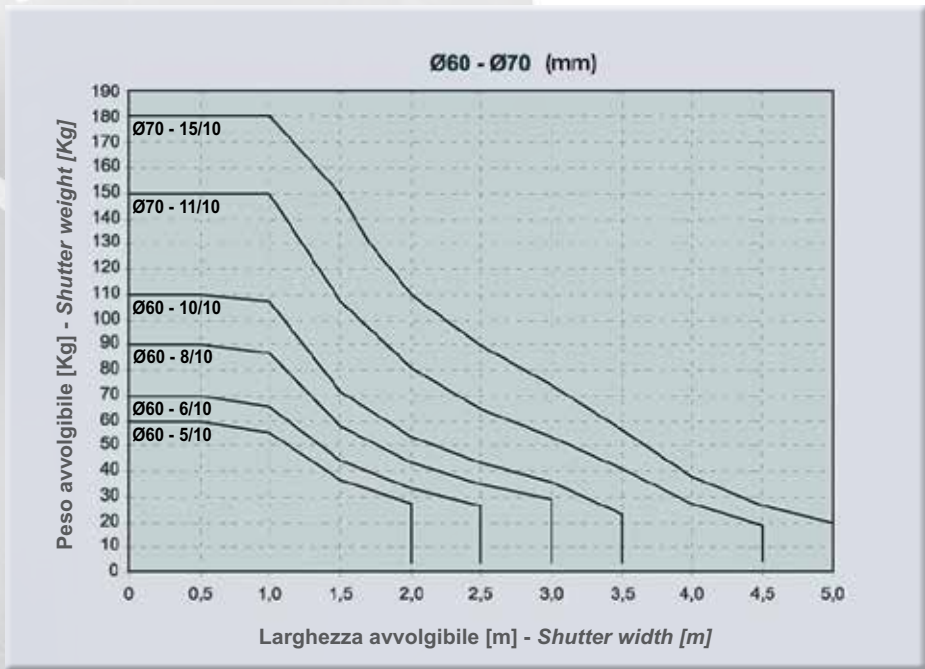


**RULLI**  
**PULEGGE**  
**CALOTTE**  
**RIDUTTORI COASSIALI**  
OCTAGONAL TUBES  
PULLEYS  
CAPS  
STRAP REDUCTION GEARS  
COAXIAL TUBES

71



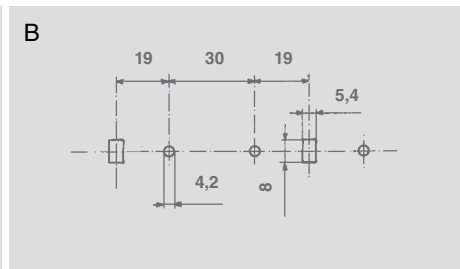
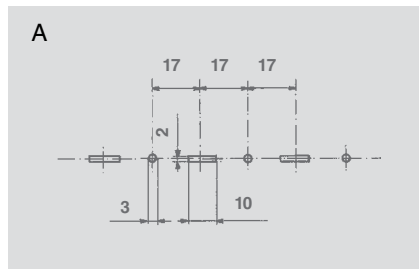
**Grafici indicativi per l'impiego dei rulli**  
**Deflection – Octagonal tubes**



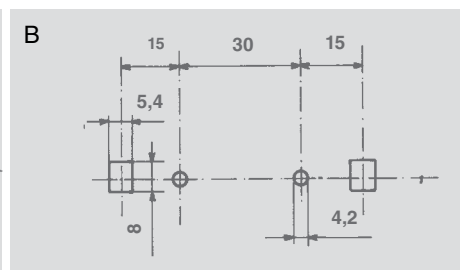
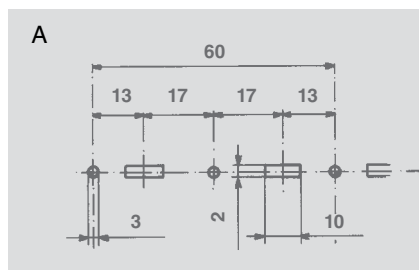
Fori Perforation	Diametro Diameter	Spessore Thickness	In verghe Bars		In verghe Bars		Tagliato a misura Cut to measure
			6 m		5,8 m		
A + B	60	5/10	<b>036.V.05.</b>	60 m	<b>036.W.05.</b>	58 m	<b>036.T.05.</b>
	60	6/10	<b>036.V.06.</b>	60 m	<b>036.W.06.</b>	58 m	<b>036.T.06.</b>
	60	8/10	<b>036.V.08.</b>	30 m	<b>036.W.08.</b>	29 m	<b>036.T.08.</b>
	60	10/10	<b>036.V.10.20</b>	30 m	<b>036.W.10.20</b>	29 m	<b>036.T.10.20</b>
A + B	70	11/10	<b>037.V.11.20</b>	24 m	<b>037.W.11.20</b>	23,2 m	<b>037.T.11.20</b>
	70	15/10	<b>037.V.15.20</b>	6,5x2=13 m	<b>037.W.15.20</b>	11,6 m	



Tabella finitura rulli - Table of tube finishes	
	1ª scelta - top-quality
	2ª scelta - second choice



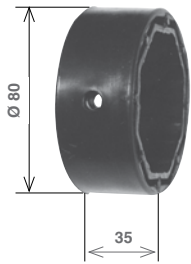
Diametro Diameter	Spessore Thickness	In verghe Bars		In verghe Bars		Tagliato a misura Cut to measure
		6 m		5,8 m		
40	4/10	<b>284.V.M4.20</b>	72 m	<b>284.W.M4.20</b>	69,6 m	<b>284.T.M4.20</b>
40	5/10	<b>284.V.M5.20</b>	72 m	<b>284.W.M5.20</b>	69,6 m	<b>284.T.M5.20</b>
40	6/10	<b>284.V.M6.20</b>	72 m	<b>284.W.M6.20</b>	69,6 m	<b>284.T.M6.20</b>
40	8/10	<b>284.V.M8.20</b>	72 m	<b>284.W.M8.20</b>	69,6 m	<b>284.T.M8.20</b>



Diametro Diameter	Spessore Thickness	In verghe Bars	
102	20/10	5,8 m	
		<b>039.W.20.20</b>	11.6 m

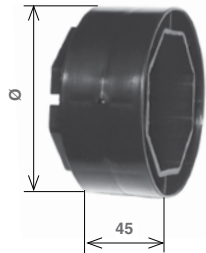


**RULLO IN FERRO E ACCESSORI**  
**OCTAGONAL TUBES AND ACCESSORIES**



Adattatore per rullo ottagonale   Ø 60 mm Adapter rings for tubes   Ø 60 mm		
Articolo - Item	Materiale - Material	
<b>036.A.08.90</b>	Plastica - PVC	200

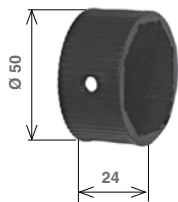
Adattatore per rullo ottagonale   Ø 70 mm Adapter rings for tubes   Ø 70 mm		
Articolo - Item	Materiale - Material	
<b>037.A.08.90</b>	Plastica - PVC	250



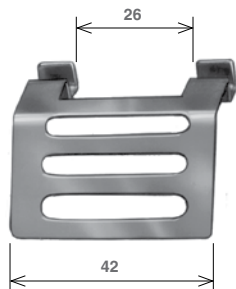
Adattatore per rullo ottagonale   Ø 70 mm Adapter rings for tubes   Ø 70 mm			
Articolo - Item	Ø (mm)	Materiale - Material	
<b>037.A.10.90</b>	101	Plastica - PVC	100
<b>037.A.13.90</b>	130	Plastica - PVC	100

3

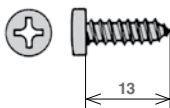
74



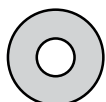
Adattatore per rullo ottagonale   Ø 40 mm Adapter rings for tubes   Ø 40 mm		
Articolo - Item	Materiale - Material	
<b>284.A.00.90</b>	Plastica - PVC	500



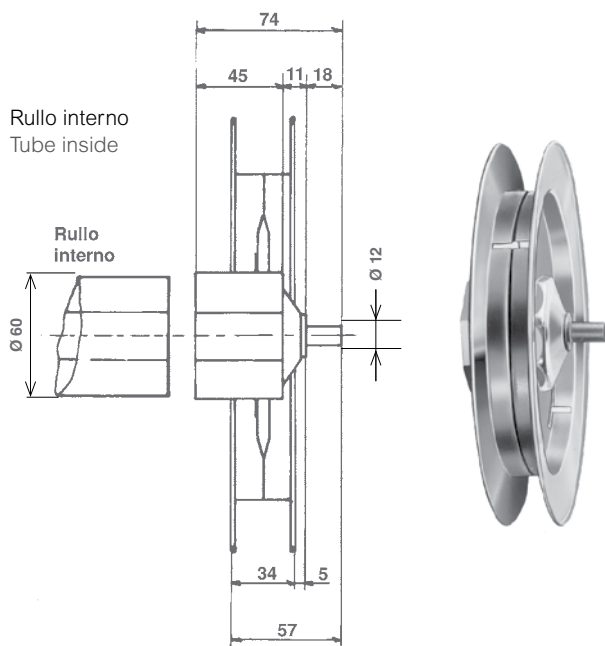
Gancio per attacco cintino al rullo Slotted clips for strap fastening	
Articolo - Item	
<b>048.G.00.20</b>	1000



Vite autofilettante per rullo ferro 7P x 1/2 TC Self-threading screw for tubes 7P x 1/2 TC	
Articolo - Item	
<b>048.V.13.20</b>	1000

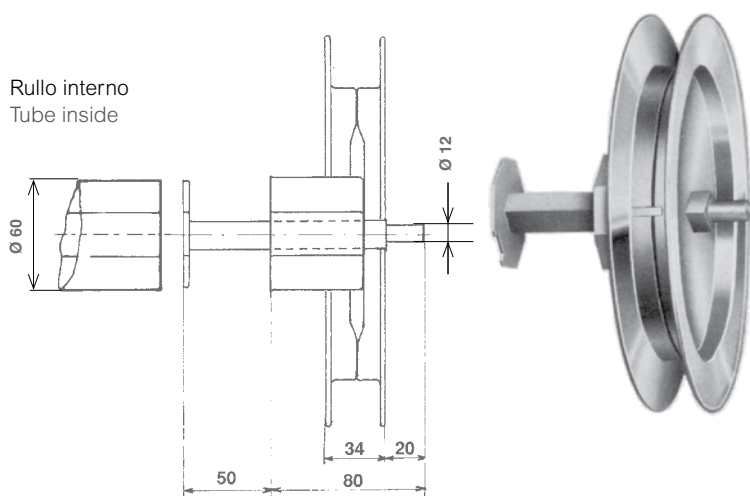


Rondella 13,5 x 5 x 1 mm per vite autofilettante Washer 13,5 x 5 x 1 mm for self-threading screw	
Articolo - Item	
<b>048.R.00.20N</b>	2000

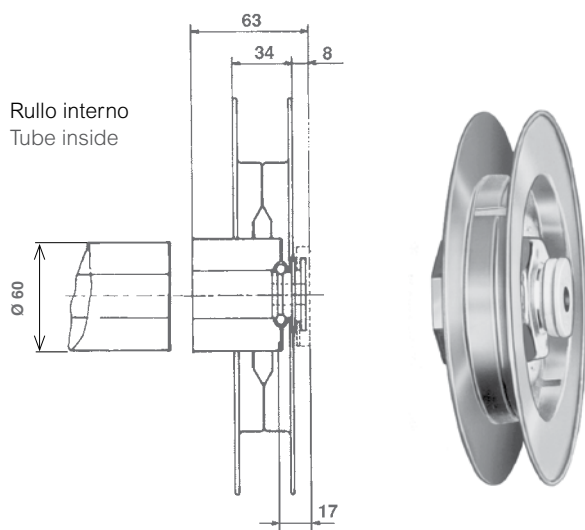


Puleggia in ferro Steel pulley		
Articolo - Item	Ø (mm)	
<b>049.N.16.20</b>	160	20
<b>049.N.18.20</b>	180	20
<b>049.N.20.20</b>	200	20
<b>049.N.22.20</b>	220	20
<b>049.N.24.20</b>	240	20
<b>049.N.26.20</b>	260	20

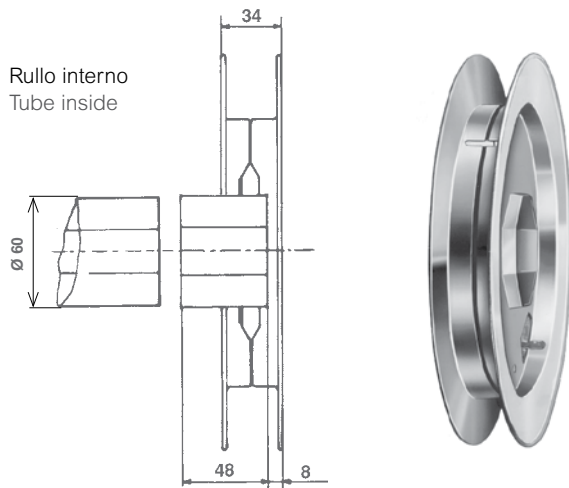
Imballati con legaccio in ferro - Packed with iron string



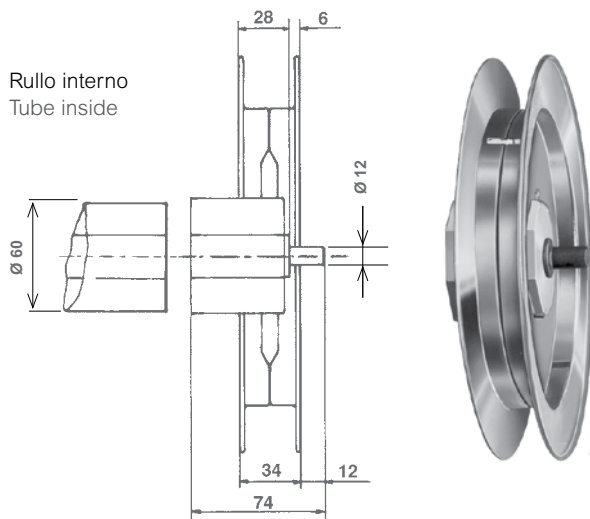
Puleggia in ferro rinforzata Reinforced steel pulley		
Articolo - Item	Ø (mm)	
<b>049.N.R0.20</b>	200	20
<b>049.N.R2.20</b>	220	20
<b>049.N.R4.20</b>	240	20



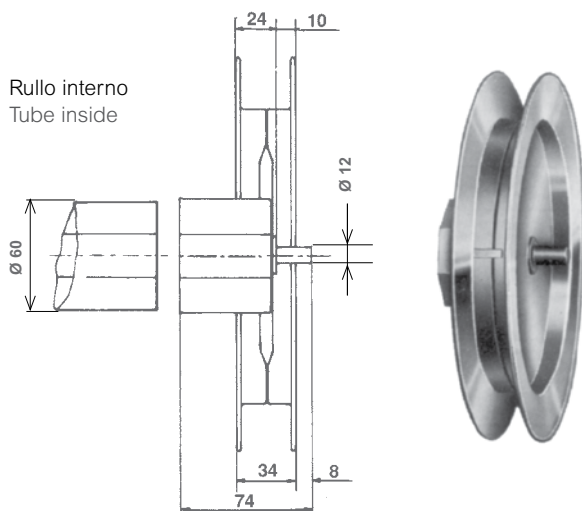
Puleggia con cuscinetto incorporato Steel pulley with built-in ball bearing		
Articolo - Item	Ø (mm)	
<b>049.C.14.20</b>	140	20
<b>049.C.16.20</b>	160	20
<b>049.C.18.20</b>	180	20
<b>049.C.19.20</b>	190	20
<b>049.C.20.20</b>	200	20
<b>049.C.21.20</b>	210	20
<b>049.C.22.20</b>	220	20



Puleggia passante Sliding steel pulley		
Articolo - Item	Ø (mm)	
<b>049.P.18.20</b>	180	20
<b>049.P.20.20</b>	200	20
<b>049.P.22.20</b>	220	20
<b>049.P.24.20</b>	240	20
* <b>049.P.26.20</b>	260	10

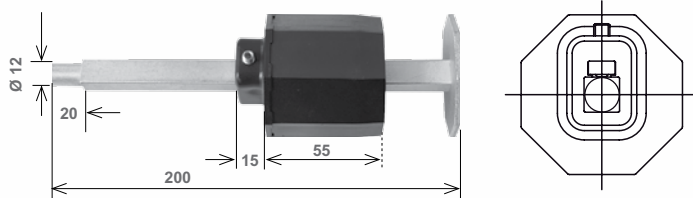


Puleggia con calotta spostata   6 mm Steel pulley with off-center cap   6 mm		
Articolo - Item	Ø (mm)	
<b>049.S.18.20</b>	180	20
<b>049.S.20.20</b>	200	20
<b>049.S.22.20</b>	220	20
<b>049.S.24.20</b>	240	20
* <b>049.S.26.20</b>	260	10



Puleggia con calotta spostata   10 mm Steel pulley with off-center cap   10 mm		
Articolo - Item	Ø (mm)	
<b>049.T.18.20</b>	180	20
<b>049.T.20.20</b>	200	20
<b>049.T.22.20</b>	220	20
<b>049.T.24.20</b>	240	20
* <b>049.T.26.20</b>	260	20



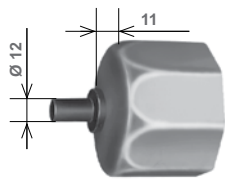


**Calotta registrabile in plastica | (reg. max = 110 mm)**  
**Adjustable plastic cap | (max adj. = 110 mm)**

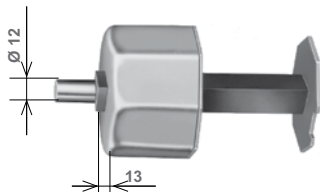
Articolo - Item	Ø (mm)	
<b>051.N.RS.90</b>	60	50



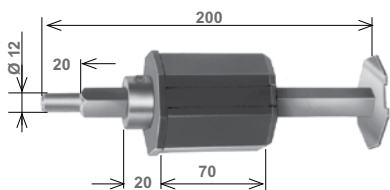




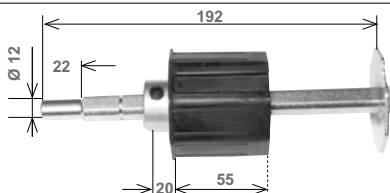
<b>Calotta zincata</b> <b>Galvanized steel cap</b>		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>050.N.00.20</b>	60	100
<b>050.G.00.20</b>	70 - 11/10	50



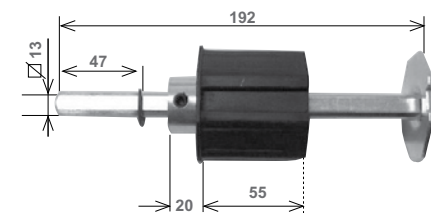
<b>Calotta rinforzata zincata</b> <b>Reinforced steel cap - galvanized</b>		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>050.N.RF.20</b>	60	50
<b>050.G.RF.20</b>	70 - 11/10	25



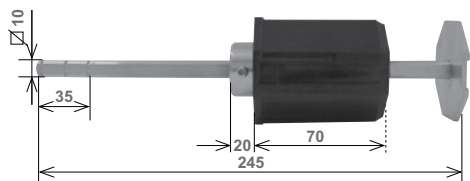
<b>Calotta registrabile in plastica   (reg. max = 95 mm)</b> <b>Adjustable plastic cap   (max adj. = 95 mm)</b>		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>051.N.RF.90</b>	60	50
<b>051.G.RF.90</b>	70	25



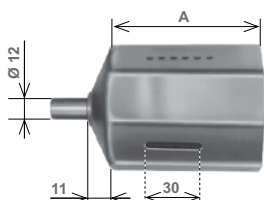
<b>Calotta registrabile in plastica   (reg. max = 90 mm)</b> <b>Adjustable plastic cap   (max adj. = 90 mm)</b>		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>051.G.RE.90</b>	70	25



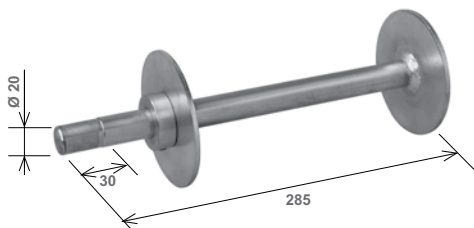
<b>Calotta registr. in plastica per riduttori con foro passante   (reg. max = 70 mm)</b> <b>Adjustable plastic cap for sliding strap reduction gears   (max adj. = 70 mm)</b>		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>051.N.R3.90</b>	60	50
<b>051.G.R3.90</b>	70	25



<b>Calotta registrabile in plastica (reg. max = 120 mm) ∇ 10 mm</b> <b>Adjustable plastic cap   (max adj. = 120 mm) ∇ 10 mm</b>		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>051.N.RR.90</b>	60	50

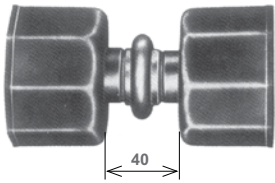


<b>Calotta registrabile zincata   (reg. max = 30 mm)</b> <b>Adjustable galvanized steel cap   (max adj. = 30 mm)</b>			
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	A (mm)	
<b>051.N.00.20</b>	60	78	100
<b>051.G.00.20</b>	70 - 11/10	108	25



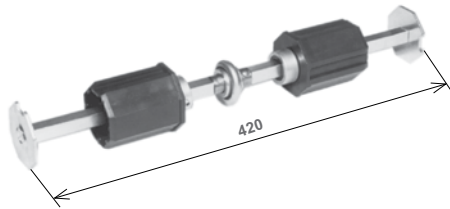
<b>Calotta registrabile in ferro Ø 20</b> <b>Adjustable steel cap Ø 20</b>		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>051.T.R1.20</b>	102	10





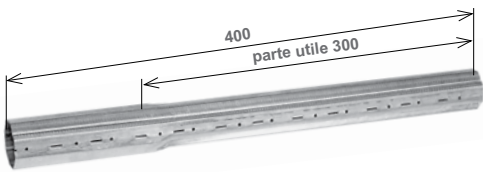
**Calotta doppia zincata con cuscinetto per bifore**  
**Double galvanized steel cap**  
**with ball bearing for double lancet windows**

Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>052.N.00.20</b>	60	25
<b>052.G.00.20</b>	70 - 11/10	20



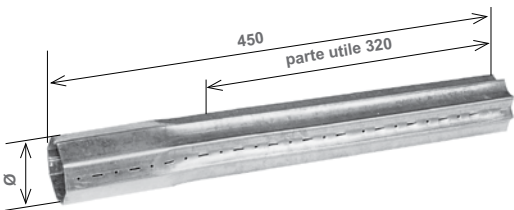
**Calotta doppia registrabile**  
**Double adjustable caps**

Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)
* <b>052.N.DR.90</b>	60
* <b>052.G.DR.90</b>	70



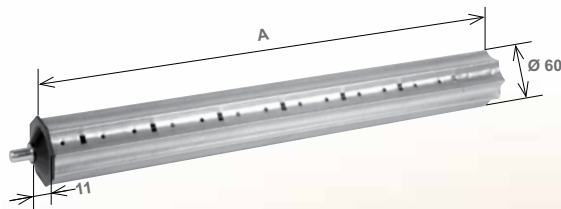
**Prolunga zincata**  
**Tube extension**

Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)
* <b>284.P.8G.20</b>	40



**Prolunga zincata**  
**Tube extension**

Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>053.N.08.20</b>	60 5-6-8/10	20
<b>053.G.11.20</b>	70	20



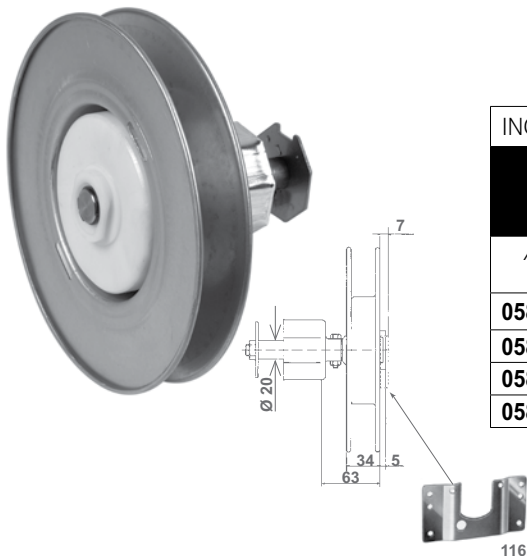
**Prolunga con calotta - Tube extension with cap**

Articolo - Item	A (mm)	Per rullo Ø (mm) - For tube Ø (mm)	
<b>053.N.C5.20</b>	350	60 5-6/10	25
<b>053.N.P6.20</b>	500	60 5-6/10	25
<b>053.N.CR.20</b>	350	60 8-10/10	25
<b>053.N.PR.20</b>	500	60 8-10/10	25

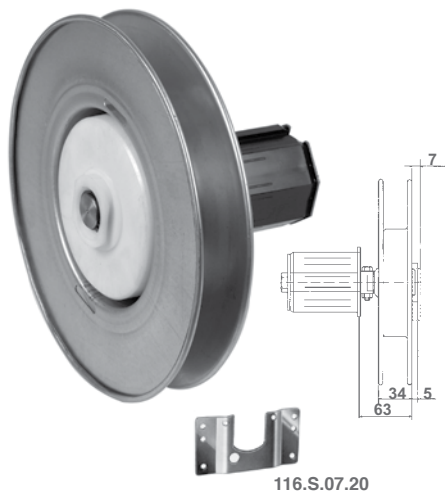
**NEW**



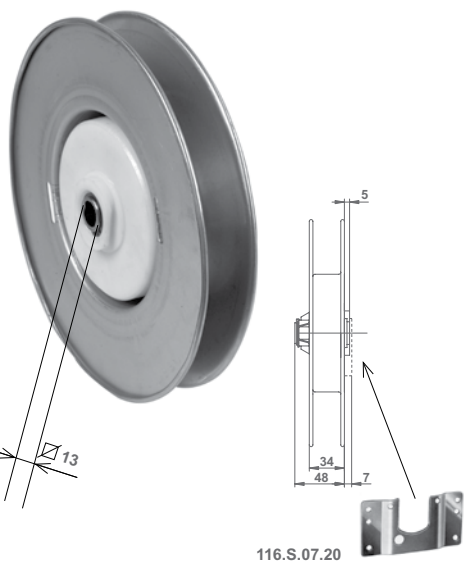
**RIDUTTORI**  
STRAP REDUCTION GEARS



INGRANAGGI IN HOSTAFORM - HOSTAFORM GEARS							
	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Cintino Strap	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	mm (max)	Ø (mm)	⊠
<b>058.N.16.20</b>	40	1:2,6	160	3	1,2	60	10
<b>058.N.18.20</b>	40	1:2,6	180	3	1,2	60	10
<b>058.N.20.20</b>	40	1:2,6	200	3	1,8	60	10
<b>058.N.22.20</b>	40	1:2,6	220	3	1,8	60	10

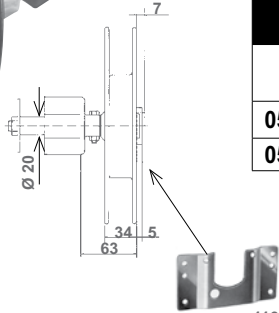


INGRANAGGI IN HOSTAFORM - CALOTTA IN PLASTICA HOSTAFORM GEARS - PVC CAP							
	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Cintino Strap	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	mm (max)	Ø (mm)	⊠
<b>058.N.P8.20</b>	40	1:2,6	180	3	1,2	60	10
<b>058.N.P0.20</b>	40	1:2,6	200	3	1,8	60	10
<b>058.N.P2.20</b>	40	1:2,6	220	3	1,8	60	10



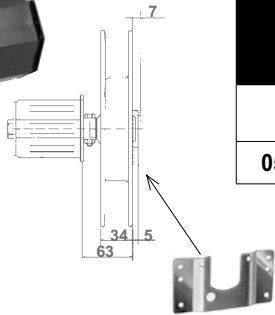
Riduttore con foro - Strap reduction gear with hole

INGRANAGGI IN HOSTAFORM - HOSTAFORM GEARS							
	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Cintino Strap	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	mm (max)	Ø (mm)	⊠
<b>058.P.16.20</b>	40	1:2,6	160	3	1,2	60	10
<b>058.P.18.20</b>	40	1:2,6	180	3	1,2	60	10
<b>058.P.20.20</b>	40	1:2,6	200	3	1,8	60	10
<b>058.P.22.20</b>	40	1:2,6	220	3	1,8	60	10



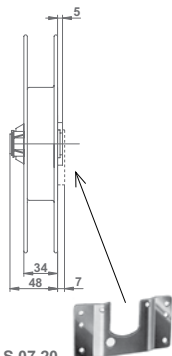
116.S.07.20

INGRANAGGI IN ZAMA - ZAMAK GEARS							
	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Cintino Strap	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	mm (max)	Ø (mm)	⊠
<b>058.Z.20.20</b>	40	1:2,6	200	3	1,8	60	10
<b>058.Z.22.20</b>	40	1:2,6	220	3	1,8	60	10



116.S.07.20

INGRANAGGI IN ZAMA - CALOTTA IN PLASTICA ZAMA GEARS - PVC CAP						
	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	Ø (mm)	⊠
<b>058.Z.12.20</b>	40	1:2,6	220	3	60	10

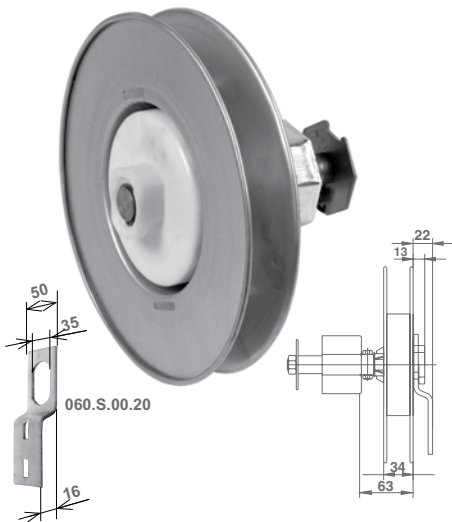


116.S.07.20

Riduttore con foro - Strap reduction gear with hole

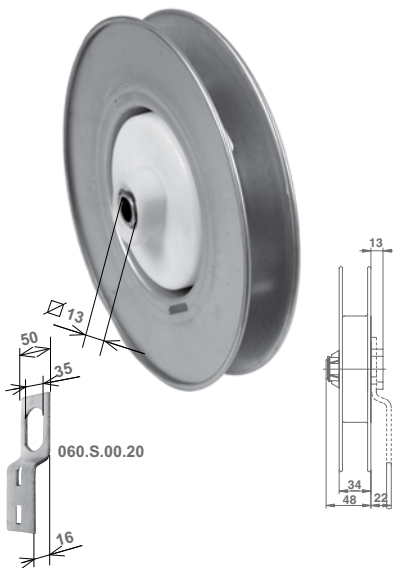
INGRANAGGI IN ZAMA - ZAMAK GEARS							
	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Cintino Strap	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	mm (max)	Ø (mm)	⊠
<b>058.Z.P0.20</b>	40	1:2,6	200	3	1,8	60	10
<b>058.Z.P2.20</b>	40	1:2,6	220	3	1,8	60	10

## RIDUTTORI STRAP REDUCTION GEARS



Riduttore "EXTRA" - "EXTRA" strap reduction gear

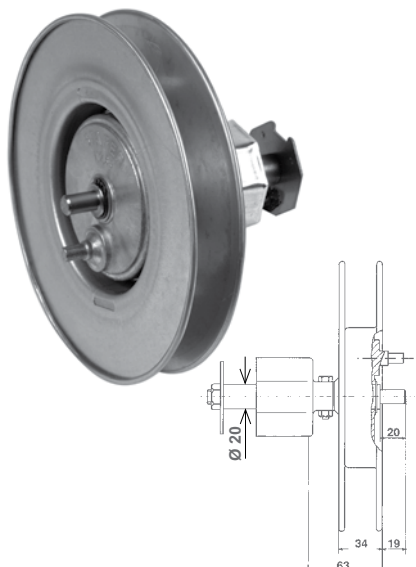
INGRANAGGI IN HOSTAFORM - HOSTAFORM GEARS							
	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Cintino Strap	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	mm (max)	Ø (mm)	⊠
<b>060.N.22.20</b>	40	1:2,6	220	3	1,8	60	10



Riduttore "EXTRA" con foro - "EXTRA" strap reduction gear with hole

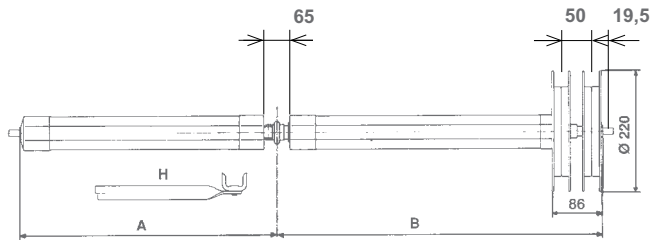
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	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Cintino Strap	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	mm (max)	Ø (mm)	⊠
<b>060.P.18.20</b>	40	1:2,6	180	3	1,2	60	10
<b>060.P.20.20</b>	40	1:2,6	200	3	1,8	60	10
<b>060.P.22.20</b>	40	1:2,6	220	3	1,8	60	10

- Indicato per cassonetti termoisolanti
- Indicated for thermo-insulated boxes



INGRANAGGI IN ZAMA - ZAMAK GEARS							
	Portata Capacity load	Rapporto Ratio	Puleggia Pulley	H	Cintino Strap	Per rullo For tube	
Articolo Item	kg		Ø (mm) Esterno - Ext	m	mm (max)	Ø (mm)	⊠
<b>063.N.18.20</b>	40	1:2,6	180	3	1,2	60	10
<b>063.N.20.20</b>	40	1:2,6	200	3	1,8	60	10
<b>063.N.22.20</b>	40	1:2,6	220	3	1,8	60	10
<b>065.N.24.20</b>	60	1:3,14	240	3	1,8	60	10
<b>063.G.22.20</b>	40	1:2,6	220	3	1,8	70 - 11/10	10
<b>065.G.24.20</b>	60	1:3,14	240	3	1,8	70 - 11/10	5

- Indicato per cassonetti termoisolanti
- Indicated for thermo-insulated boxes



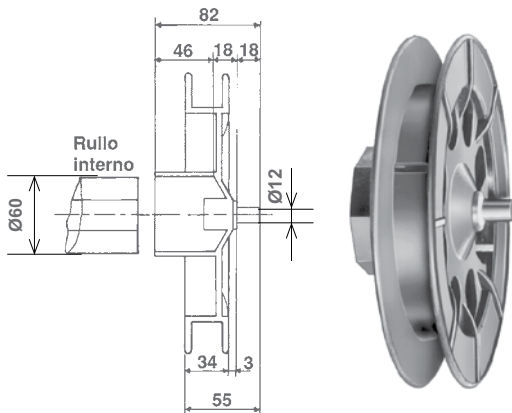
**Rullo coassiale in ferro Ø 60 mm a 2 pulegge**  
**Coaxial tube Ø 60 mm with 2 pulleys**

Articolo Item	A + B
<b>068.P.22.20</b>	fino a 3 m up to 3 m
<b>068.G.22.20</b>	da 3 a 5 m 3 to 5 m

**Componenti per 2 rulli coassiali | Ø 60 mm**  
**Components for 2 coaxial tubes | Ø 60 mm**

Articolo Item	kit																					
<b>070.K.22.20</b>	KIT = A-B-C-D-E-F-G-H																					
<table border="1"> <thead> <tr> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td><b>070.A.00.20</b></td> <td><b>070.B.00.20</b></td> </tr> </tbody> </table> <p><b>070.C.00.20</b></p>	A	B	<b>070.A.00.20</b>	<b>070.B.00.20</b>	<table border="1"> <thead> <tr> <th>D</th> <th>Ø</th> </tr> </thead> <tbody> <tr> <td><b>070.D.18.20</b></td> <td>180</td> </tr> <tr> <td><b>070.D.20.20</b></td> <td>200</td> </tr> <tr> <td><b>070.D.22.20</b></td> <td>220</td> </tr> </tbody> </table>	D	Ø	<b>070.D.18.20</b>	180	<b>070.D.20.20</b>	200	<b>070.D.22.20</b>	220	<table border="1"> <thead> <tr> <th>E</th> <th>Ø</th> </tr> </thead> <tbody> <tr> <td><b>070.E.18.20</b></td> <td>180</td> </tr> <tr> <td><b>070.E.20.20</b></td> <td>200</td> </tr> <tr> <td><b>070.E.22.20</b></td> <td>220</td> </tr> </tbody> </table>	E	Ø	<b>070.E.18.20</b>	180	<b>070.E.20.20</b>	200	<b>070.E.22.20</b>	220
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**PULEGGE E CALOTTE IN PLASTICA**  
**PLASTIC PULLEYS AND CAPS**



Rullo interno - Tube inside

Pulegge per rullo   Ø 60 mm (cal. est.) Pulleys for tube   Ø 60 mm		
Articolo - Item	Ø (mm)	
<b>071.N.18.90</b>	180	20
<b>071.N.20.90</b>	200	20
<b>071.N.22.90</b>	220	20
<b>071.N.24.90</b>	240	20

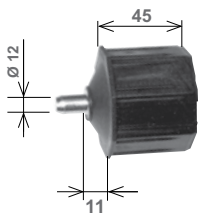
Imballati con legaccio in ferro - Packed with iron string



Pulegge passanti per rullo   Ø 60 mm Sliding pulleys for tube   Ø 60 mm		
Articolo - Item	Ø (mm)	
<b>071.P.17.90</b>	170	20
<b>071.P.19.90</b>	190	20
<b>071.P.22.90</b>	220	20

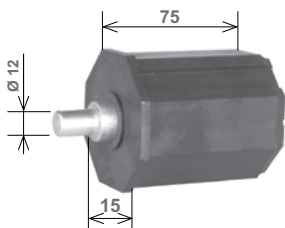
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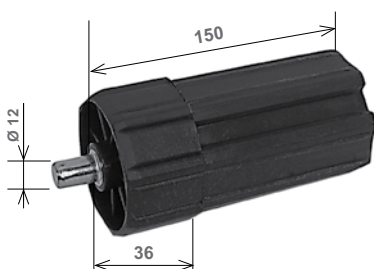
Per rullo spessore 5/10 mm - 6/10 mm - For 5/10 mm and 6/10 mm tube

Calotta   45 mm Cap   45 mm		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>072.N.00.90</b>	60	200



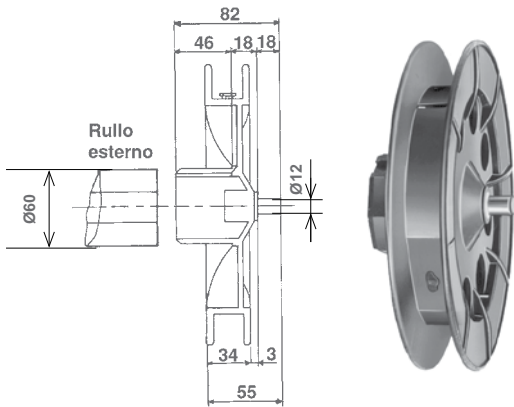
Per rullo spessore 8/10 mm - 10/10 mm - For 8/10 mm and 10/10 mm tube

Calotta   75 mm Cap   75 mm		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>072.N.LU.90</b>	60	100
<b>072.G.LU.90</b>	70	100



Calotta   150 mm Cap   150 mm		
Articolo - Item	Per rullo Ø (mm) - For tube Ø (mm)	
<b>072.N.LL.90</b>	60	50

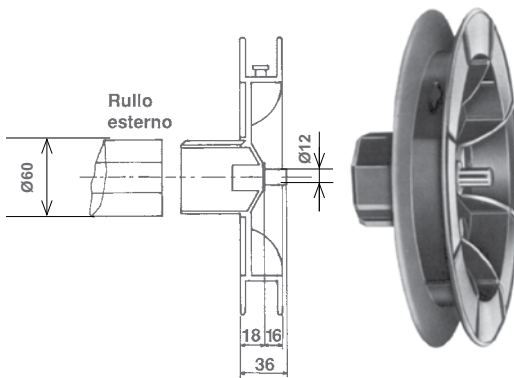




Rullo esterno - Tube outside

<b>Pulegge con calotta int. rullo   Ø 60 mm</b> <b>Pulleys with internal cap   Ø 60 mm</b>		
Articolo - Item	Ø (mm)	
<b>073.N.18.90</b>	180	20
<b>073.N.20.90</b>	200	20
<b>073.N.22.90</b>	220	20

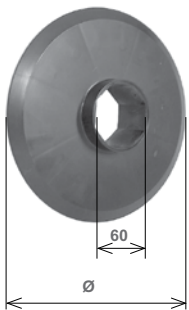
Imballati con legaccio in ferro - Packed with iron string



Rullo esterno - Tube outside

<b>Pulegge a minimo ingombro</b> <b>Compact pulleys</b>		
Articolo - Item	Ø (mm)	
<b>074.N.18.90</b>	180	20
<b>074.N.20.90</b>	200	20
<b>074.N.22.90</b>	220	20

Imballati con legaccio in ferro - Packed with iron string



<b>Flange di contenimento in plastica</b> <b>Plastic guide flanges</b>	
Articolo - Item	Ø (mm)
<b>075.N.17.90</b>	170
<b>075.N.21.90</b>	220
<b>075.N.23.90</b>	240



<b>Cintino (mm)   (polipropilene) - Strap (mm)   (polypropylene)</b>		
Articolo - Item	Nota - Remark	
<b>080.P.17.91</b>	22 x 1,7 avorio - ivory	50 m x 20 = 1000 m
<b>080.P.17.92</b>	22 x 1,7 grigio - grey	50 m x 20 = 1000 m

<b>080.P.12.91</b>	20 x 1,2 avorio - ivory	(75 m x 12) + (50 m x 2) = 1000 m
<b>080.P.12.92</b>	20 x 1,2 grigio - grey	(75 m x 12) + (50 m x 2) = 1000 m
<b>080.P.12.94</b>	20 x 1,2 marrone - brown	(75 m x 12) + (50 m x 2) = 1000 m

<b>Cintino (mm)   (cotone) - Strap (mm)   (cotton)</b>		
Articolo - Item	Nota - Remark	
<b>035.G.CT.91</b>	22 x 2,2 avorio - ivory	50 m x 10 = 500 m
<b>035.G.CT.92</b>	22 x 2,2 grigio - grey	50 m x 10 = 500 m
<b>035.G.CT.90</b>	22 x 2,2 bicolore avorio/grigio two-coloured ivory/grey	50 m x 10 = 500 m