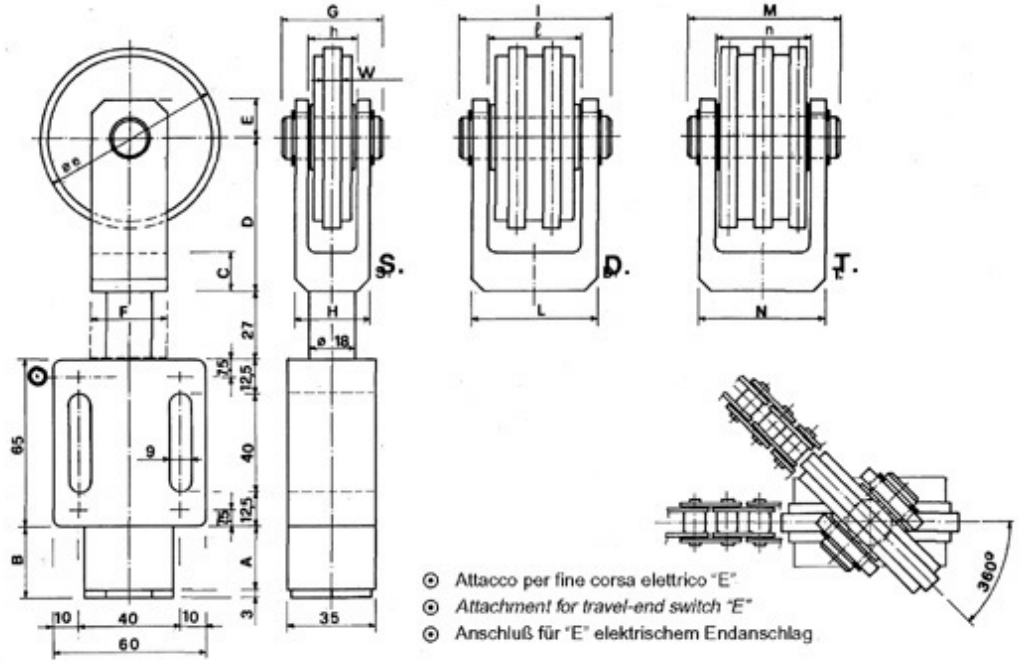
Tendicatena Tipo: TNR / *Chain tightener Type: TNR* / Kettenspanner Typ: TNR



Testa composta da una forcella con rotella folle su perno. La rotella è in polietilene ed alta densità molecolare. - Velocità di lavoro ≤ 30 m/min. - Termperatura di lavoro della testa ≤ 70°C.

The head consists of a fork with idle Wheel on the pin. Polyethylene Wheel, high molecular density. Operating speed ≤ 30 m/min. Operating temperature ≤ 70°C.

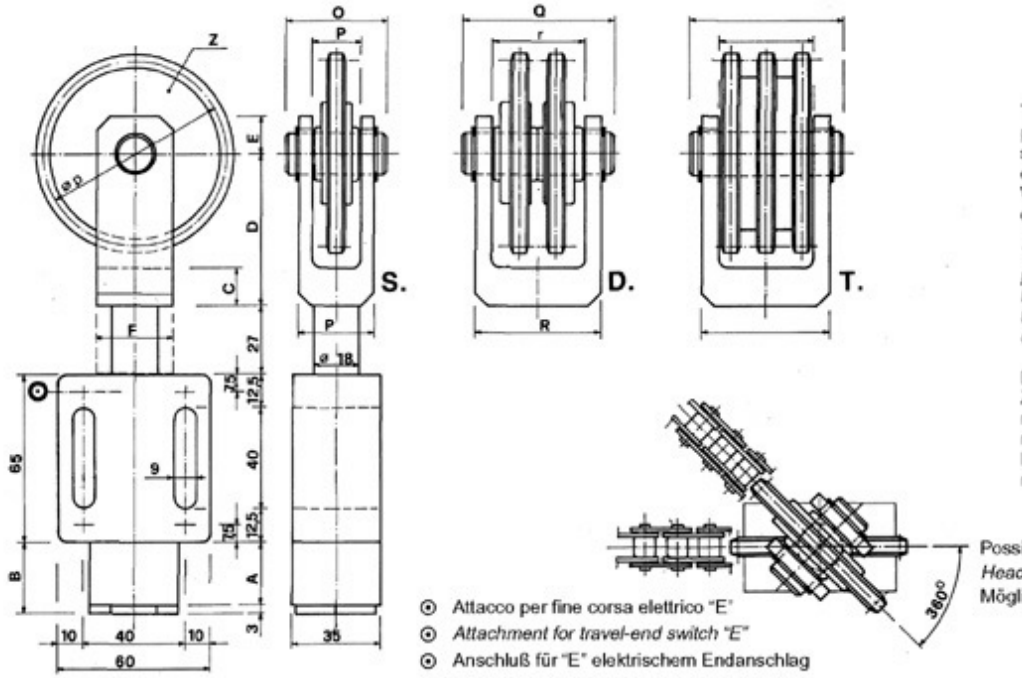
Der Kopf besteht aus einer Gabel mit Losrädchen auf dem Zapfen. Das Rädchen besteht aus Polyäthylen mit hoher Molekulardichte. Arbeits geschwindigkeit ≤ 30 m/min. Arbeitstemperatur ≤ 70°C.

Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tipo Type	Catena Chain	A	B	C	D	E	F	ø e	W	G	h	H	I	ℓ	L	M	n	N	ø p	Z	O	p	P	Q	r	R	Newton	Tipo Type
TNR-0	8 mm	0	3	15	60	15	30	70	2,5	40	19	30	40	19	30	/	/	/	/	/	/	/	/	/	/	/	30÷100	–
TNR-1/0	3/8" x 7/32"	0	3	15	60	15	30	70	5	40	19	30	40	19	30	60	37	50	63,90	21	40	19	30	60	37	50	30÷100	TNRR-1/0
TNR-1	3/8" x 7/32"	0	3	15	60	15	30	70	5	40	19	30	40	19	30	60	37	50	63,90	21	40	19	30	60	37	50	60÷170	TNRR-1
TNR-2/0	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	30÷100	TNRR-2/0
TNR-2/1	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	60÷170	TNRR-2/1
TNR-2	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	90÷250	TNRR-2
TNR-3/2	5/8" x 3/8"	0	3	15	70	15	30	90	9	45	19	35	65	37	55	78	51	68	86,39	17	45	19	35	65	37	55	90÷250	TNRR-3/2
TNR-3	5/8" x 3/8"	25	28	15	70	15	30	90	9	45	19	35	65	37	55	78	51	68	86,39	17	45	19	35	65	37	55	100÷400	TNRR-3
TNR-4/2	3/4" x 7/16"	0	3	15	70	15	30	90	11	45	19	35	65	37	55	78	51	68	91,63	15	45	19	35	65	37	55	90÷250	TNRR-4/2
TNR-4	3/4" x 7/16"	25	28	15	70	15	30	90	11	45	19	35	65	37	55	78	51	68	91,63	15	45	19	35	65	37	55	100÷400	TNRR-4
TNR-5/4	1" x 17,02 mm	25	28	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	100÷400	TNRR-5/4
TNR-5	1" x 17,02 mm	50	53	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	180÷700	TNRR-5
TNR-6	1 1/4" x 3/4"	50	53	17,5	77,5	17,5	40	110	18	45	19	35	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	–
TNR-7	1 1/2" x 1"	50	53	17,5	77,5	17,5	40	110	24	78	51	67	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	–

Tendicatena Tipo: TNRR / *Chain tightener Type: TNRR* / Kettenspanner Typ: TNRR



Testa composta da una forcella con pignone folle. Il pignone è costituito da una corona in acciaio, montata su cuscinetti con base maggiorata. I gruppi possono essere forniti con cuscinetto nazionale oppure INA. Velocità di lavoro ≤ 60 m/min. - Temperatura di lavoro della testa ≤ 120°C.

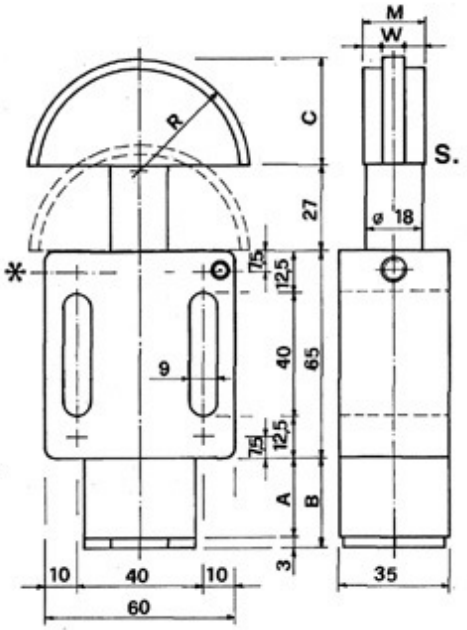
The head is formed by a fork with an idle pinion. The pinion consist of a steel crown, installed on enlarged bearings. Units are supplied with national or INA bearings. Operating speed ≤ 60 m/min. Head operating temperature ≤ 120°C.

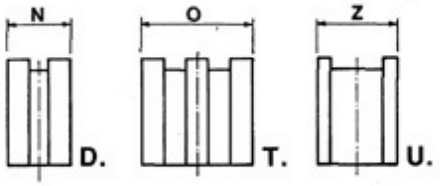
Der Kopf besteht aus einer Gabel mit Leerlauf-Zahnscheibe. Das Ritzel mit Stahlkrone wird auf Lager mit erweiterter Basis montiert. Die Einheiten Können mit nationalen (neutralen) oder mit Lagern der Marke INA geliefert werden. Arbeitsgeschwindigkeit ≤ 60 m/min. Kopf-Arbeitstemperatur ≤ 120°C.

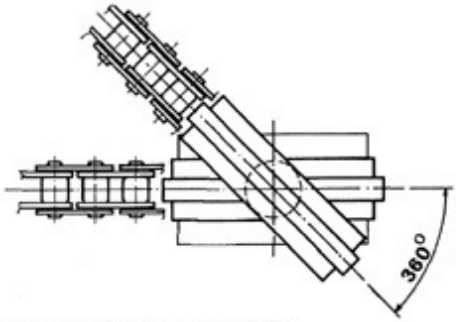
Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tendicatena con vite per precarica (*) Tipo: TBV / *Chain tightener with preloading screw (*) Type: TBV* / Kettenspanner mit Vorspannschraube (*) Typ: TBV







Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. - Termperatura di lavoro della testa ≤ 70°C. Testa a V a profilo semicircolare indicata per piccoli interassi o per montaggi vicini al pignone.

Polyethylene head, high molecular density. Operating speed ≤ 20 m/min. Head operating temperature ≤ 70°C. Semi-circular head (V) suitable for reduced interaxis or for installation close to the pinion.

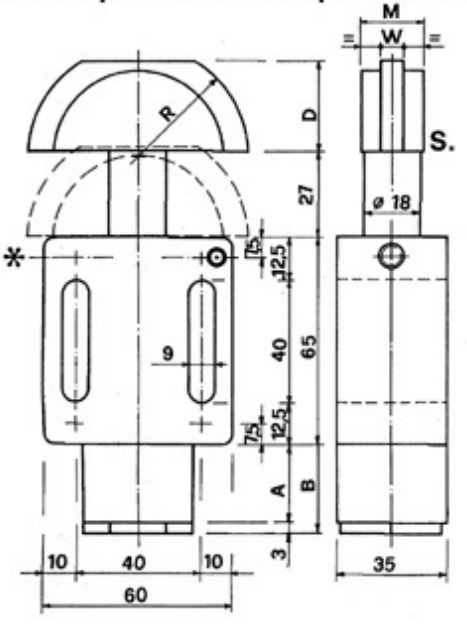
Kopf aus polyäthylen mit hoher Molekulardichte. Arbeits geschwindigkeit ≤ 20 m/min. Arbeitstemperatur ≤ 70°C. Halbrunder V-Kopf für Montagen in der Nähe eines Ritzels.

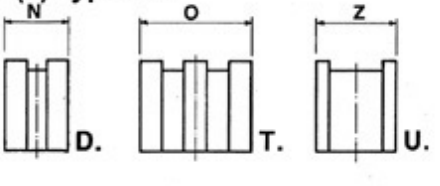
Possibile rotazione del pattino di 360°
360° glider revolving capacity
Mögliche Drehung der Gleitbacke: 360°

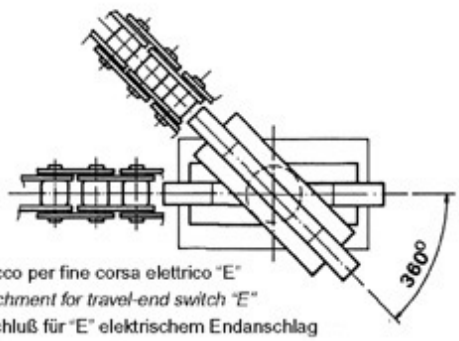
⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tipo Type	Catena Chain	A	B	C	D	M	N	O	R	W	Z	Newton	Tipo Type
TBV-0	8 mm	0	3	33	30	18	18	/	35	2,5	20	30÷100	TBL-0
TBV-1/0	3/8" x 7/32"	0	3	33	30	18	18	/	35	5	20	30÷100	TBL-1/0
TBV-1	3/8" x 7/32"	0	3	33	30	18	18	25	35	5	20	60÷170	TBL-1
TBV-2/0	1/2" x 5/16"	0	3	33	30	18	/	/	35	7	25	30÷100	TBL-2/0
TBV-2/1	1/2" x 5/16"	0	3	33	30	18	21	34	35	7	25	60÷170	TBL-2/1
TBV-2	1/2" x 5/16"	0	3	33	30	18	21	34	35	7	25	90÷250	TBL-2
TBV-3/2	5/8" x 3/8"	0	3	43	37	18	25	42	45	9	25	90÷250	TBL-3/2
TBV-3	5/8" x 3/8"	25	28	43	37	18	25	42	45	9	25	100÷400	TBL-3
TBV-4/2	3/4" x 7/16"	0	3	43	37	18	30	49	45	11	/	90÷250	TBL-4/2
TBV-4	3/4" x 7/16"	25	28	43	37	18	30	49	45	11	/	100÷400	TBL-4
TBV-5/4	1" x 17,02 mm	25	28	53	46	20	47	79	55	16	/	100÷400	TBL-5/4
TBVP-5	1" x 17,02 mm	50	53	53	46	20	47	79	55	16	/	180÷700	TBLP-5
TBVP-6	1 1/4" x 3/4"	50	53	53	46	22	/	/	55	18	/	180÷700	TBLP-6
TBVP-7	1 1/2" x 1"	50	53	53	46	24	/	/	55	24	/	180÷700	TBLP-7

Tendicatena con vite per precarica (*) Tipo: TBL / *Chain tightener with preloading screw (*) Type: TBL* / Kettenspanner mit Vorspannschraube (*) Typ: TBL







Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. - Temperatura di lavoro della testa ≤ 70°C. Testa L a profilo semicircolare ribassato indicata per grandi interassi.

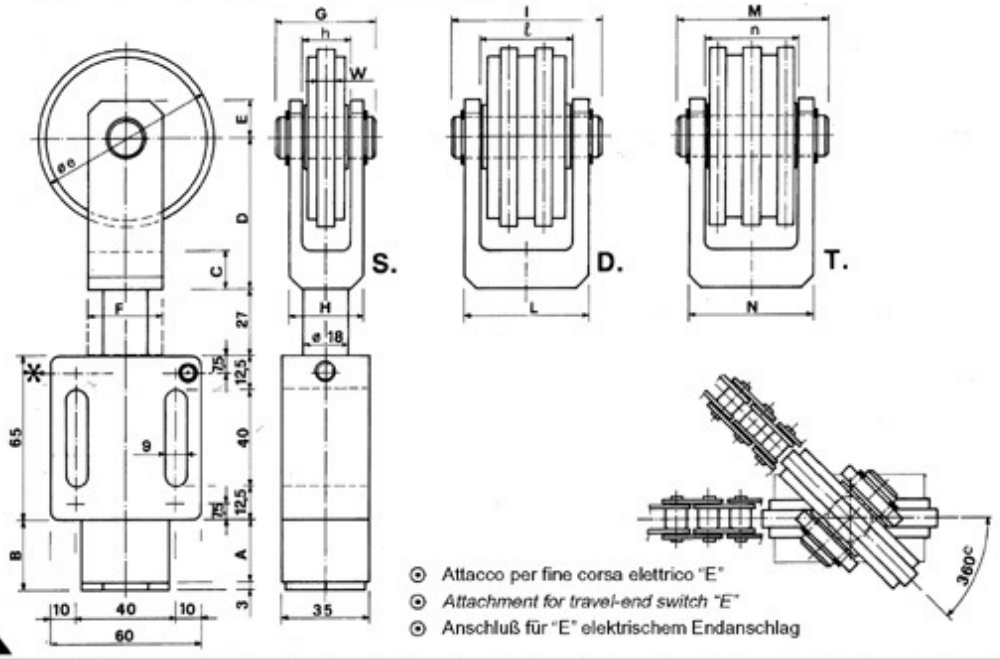
Polyethylene head, high molecular density. Operating speed ≤ 20 m/min. Head operating temperature ≤ 70°C. Type L head with semi-circular lowered profile, suitable for large interaxis.

Kopf aus polyäthylen mit hoher Molekulardichte. Arbeitsgeschwindigkeit ≤ 20 m/min. Kopf-Arbeitstemperatur ≤ 70°C. L-Kopf mit halbrundem, gesenktem Profil für große Achsenabstände.

Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tendicatena con vite per precarica (*) Tipo: TBR / *Chain tightener with preloading screw* (*) *Type: TBR* / Kettenspanner mit Vorpannschraube (*) Typ: TBR



Testa composta da una forcella con rotella folle su perno. La rotella è in polietilene ed alta densità molecolare. - Velocità di lavoro ≤ 30 m/min. - Termperatura di lavoro della testa ≤70°C.

The head consists of a fork with idle Wheel on the pin. Polyethylene Wheel, high molecular density. Operating speed ≤ 30 m/min. Operating temperature ≤ 70°C.

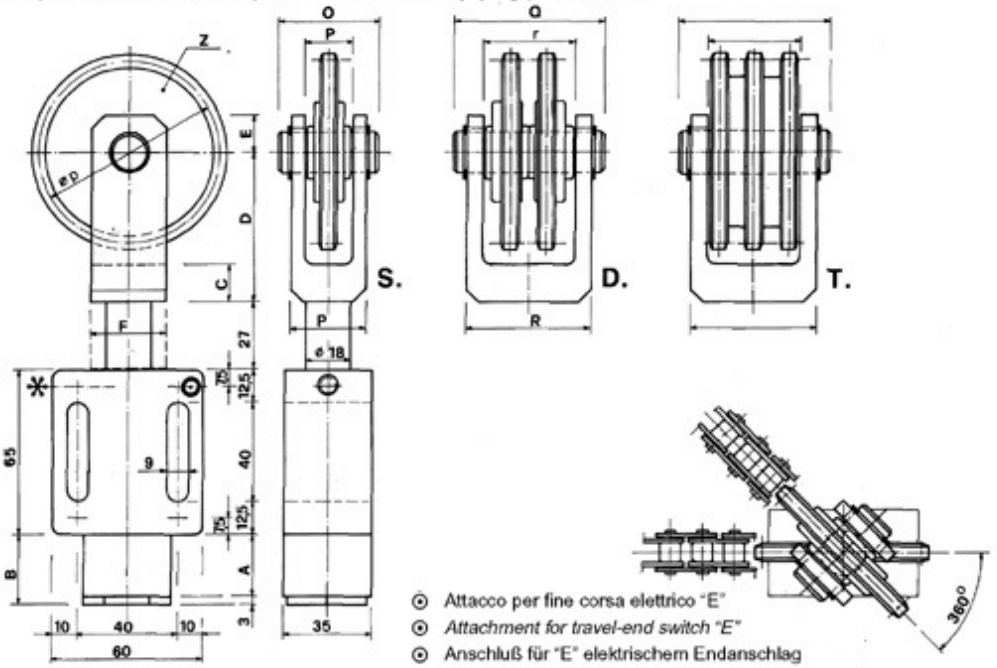
Der Kopf besteht aus einer Gabel mit Losrädchen auf dem Zapfen. Das Rädchen besteht aus Polyäthylen mit hoher Molekulardichte. Arbeits geschwindigkeit ≤ 30 m/min. Arbeitstemperatur ≤ 70°C.

Possibile rotazione del pattino di 360°
360° glider revolving capacity
Mögliche Drehung der Gleitbacke: 360°

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tipo Type	Catena Chain	A	B	C	D	E	F	ø e	W	G	h	H	I	ℓ	L	M	n	N	ø p	Z	O	p	P	Q	r	R	Newton	Tipo Type
TBR-0	8 mm	0	3	15	60	15	30	70	2,5	40	19	30	40	19	30	/	/	/	/	/	/	/	/	/	/	/	30÷100	–
TBR-1/0	3/8" x 7/32"	0	3	15	60	15	30	70	5	40	19	30	40	19	30	60	37	50	63,90	21	40	19	30	60	37	50	30÷100	TBRR-1/0
TBR-1	3/8" x 7/32"	0	3	15	60	15	30	70	5	40	19	30	40	19	30	60	37	50	63,90	21	40	19	30	60	37	50	60÷170	TBRR-1
TBR-2/0	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	30÷100	TBRR-2/0
TBR-2/1	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	60÷170	TBRR-2/1
TBR-2	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	90÷250	TBRR-2
TBR-3/2	5/8" x 3/8"	0	3	15	70	15	30	90	9	45	19	35	65	37	55	78	51	68	86,39	17	45	19	35	65	37	55	90÷250	TBRR-3/2
TBR-3	5/8" x 3/8"	25	28	15	70	15	30	90	9	45	19	35	65	37	55	78	51	68	86,39	17	45	19	35	65	37	55	100÷400	TBRR-3
TBR-4/2	3/4" x 7/16"	0	3	15	70	15	30	90	11	45	19	35	65	37	55	78	51	68	91,63	15	45	19	35	65	37	55	90÷250	TBRR-4/2
TBR-4	3/4" x 7/16"	25	28	15	70	15	30	90	11	45	19	35	65	37	55	78	51	68	91,63	15	45	19	35	65	37	55	100÷400	TBRR-4
TBR-5/4	1" x 17,02 mm	25	28	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	100÷400	TBRR-5/4
TBRP-5	1" x 17,02 mm	50	53	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	180÷700	TBRRP-5
TBRP-6	1 1/4" x 3/4"	50	53	17,5	77,5	17,5	40	110	18	45	19	35	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	–
TBRP-7	1 1/2" x 1"	50	53	17,5	77,5	17,5	40	110	24	78	51	67	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	–

Tendicatena con vite per precarica (*) Tipo: TBRR / *Chain tightener with preloading screw* (*) *Type: TBRR* / Kettenspanner mit Vorspannschraube (*) Typ: TBRR



Testa composta da una forcella con pignone folle. Il pignone è costituito da una corona in acciaio, montata su cuscinetti con base maggiorata. I gruppi possono essere forniti con cuscinetto nazionale oppure INA. Velocità di lavoro ≤ 60 m/min. - Temperatura di lavoro della testa ≤ 120°C.

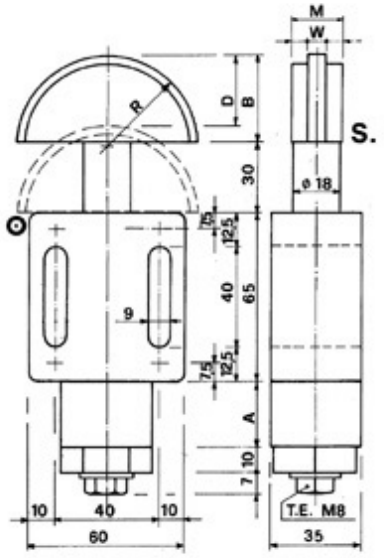
The head is formed by a fork with an idle pinion. The pinion consist of a steel crown, installed on enlarged bearings. Units are supplied with national or INA bearings. Operating speed ≤ 60 m/min. Head operating temperature ≤ 120°C.

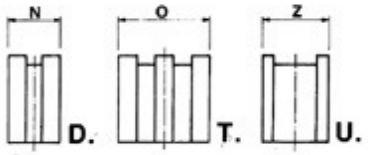
Der Kopf besteht aus einer Gabel mit Leerlauf-Zahnscheibe. Das Ritzel mit Stahlkrone wird auf Lager mit erweiterter Basis montiert. Die Einheiten Können mit nationalen (neutralen) oder mit Lagern der Marke INA geliefert werden. Arbeitsgeschwindigkeit ≤ 60 m/min. Kopf-Arbeitstemperatur ≤ 120°C.

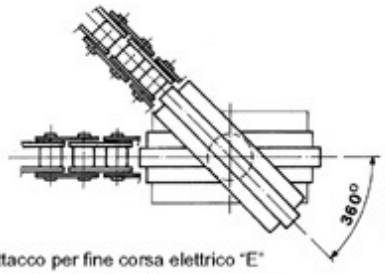
Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tendicatena "Unidirezionale" Tipo: TBBV / *Chain tightener "One-Directional" Type: TBBV* / "Einseiting Gerichtet" Kettenspanner Typ: TBBV







Possibile rotazione del pattino di 360°
360° glider revolving capacity
Mögliche Drehung der Gleitbacke: 360°

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

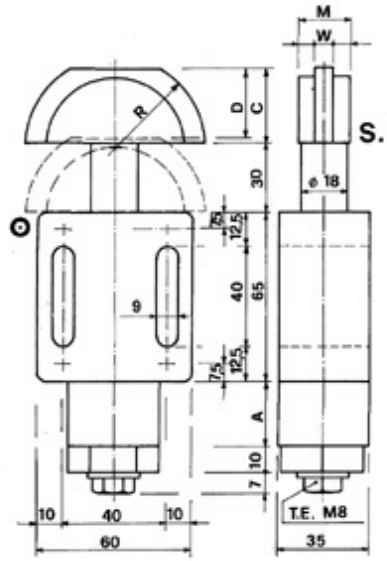
Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro della testa ≤ 70°C. Testa V a profilo semicircolare indicata per piccoli interassi o per montaggi vicini al pignone.

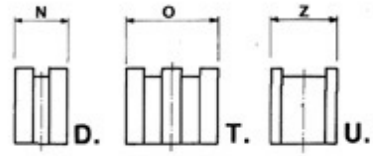
Polyethylene head, high molecular density. Operating speed ≤ 20 m/min. Head operating temperature ≤ 70°C. Semi-circular head (V) suitable for reduced interaxis of for installation close to the pinion.

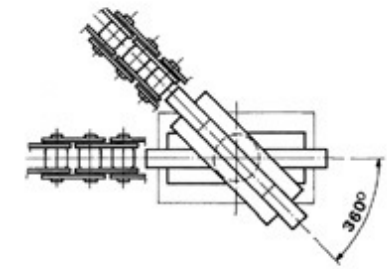
Kopf aus polyäthylen mit hoher Molekulardichte. Arbeitsgeschwindigkeit ≤ 20 m/min. Kopfarbeitstemperatur ≤ 70°C. Halbrunder V-Kopf für Kleine Achsenabstände oder für Montagen in der Nähe eines Ritzels.

Tipo Type	Catena Chain	A	B	C	D	M	N	O	R	W	Z	Newton	Tipo Type
TBBV-0	8 mm	0	33	30	15	18	18	/	35	2,5	20	90÷250	TBBL-0
TBBV-1	3/8" x 7/32"	0	33	30	15	18	18	25	35	5	20	90÷250	TBBL-1
TBBV-2	1/2" x 5/16"	0	33	30	15	18	21	34	35	7	25	90÷250	TBBL-2
TBBV-3	5/8" x 3/8"	35	43	37	30	18	25	42	45	9	25	100÷400	TBBL-3
TBBV-4	3/4" x 7/16"	35	43	37	30	18	30	49	45	11	/	100÷400	TBBL-4
TBBV-5/4	1" x 17,02 mm	35	53	46	30	20	47	79	55	16	/	100÷400	TBBL-5/4
TBBV-5	1" x 17,02 mm	50	53	46	30	20	47	79	55	16	/	180÷700	TBBL-5
TBBV-6	1 1/4" x 3/4"	50	53	46	30	22	/	/	55	18	/	180÷700	TBBL-6
TBBV-7	1 1/2" x 1"	50	53	46	30	24	/	/	55	24	/	180÷700	TBBL -7

Tendicatena "Unidirezionale" Tipo: TBBL / *Chain tightener "One-Directional" Type: TBBL* / "Einseiting Gerichtet" Kettenspanner Typ: TBBL







Possibile rotazione del pattino di 360°
360° glider revolving capacity
Mögliche Drehung der Gleitbacke: 360°

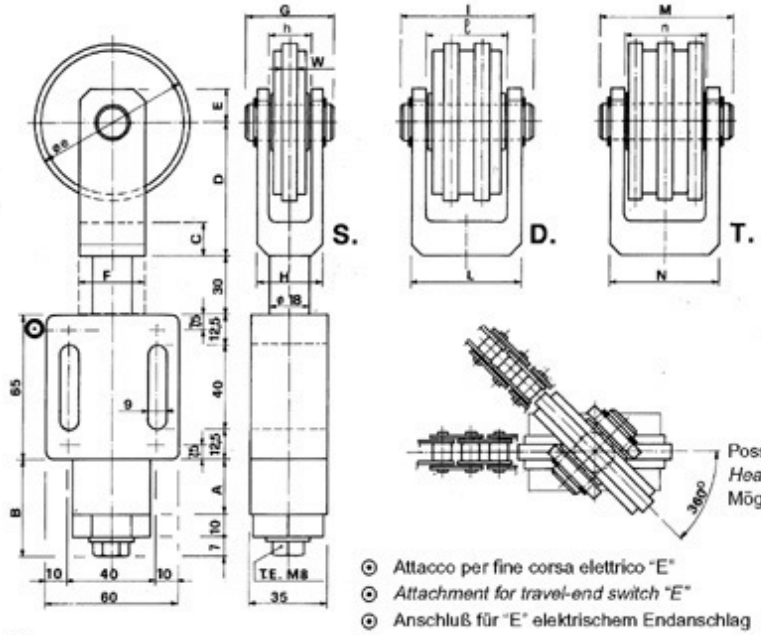
⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro della testa ≤ 70°C. Testa L a profilo semicircolare ribassato, indicata per grandi interassi.

Polyethylene head, high molecular density. Operating speed ≤ 20 m/min. Head operating temperature ≤ 70°C. Type L head with semi-circular lowered profile, suitable for large interaxis.

Kopf aus polyäthylen mit hoher Molekulardichte. Arbeitsgeschwindigkeit ≤ 20 m/min. Kopfarbeitstemperatur ≤ 70°C. L-Kopf mit halbrundem, gesenktem Profil für große Achsenabstände.

Tendicatena "Unidirezionale" Tipo: TBBR / *Chain tightener "One-Directional" Type: TBBR* / "Einseiting Gerischtet" Kettenspanner Typ: TBBR



Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

- Attacco per fine corsa elettrico "E"
- *Attachment for travel-end switch "E"*
- Anschluß für "E" elektrischem Endanschlag

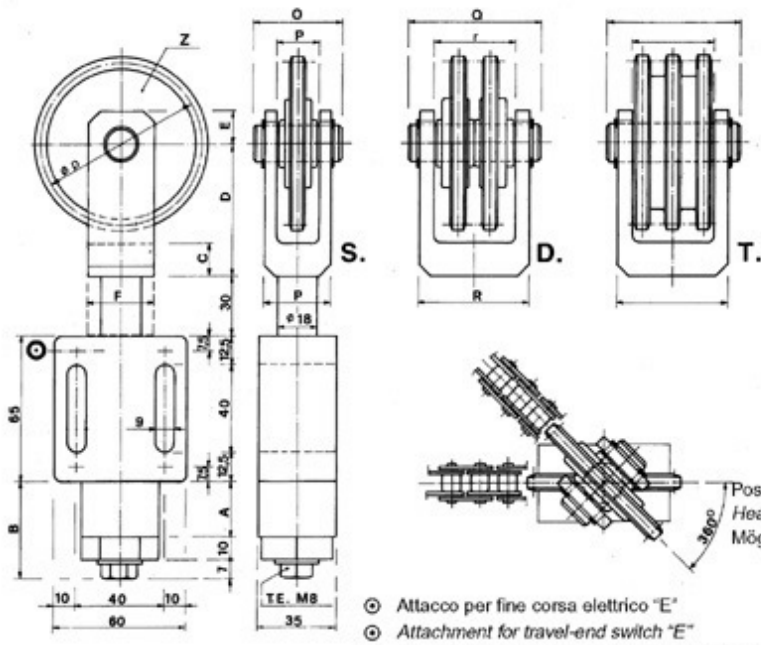
Testa composta da una forcella con rotella folle su perno. La rotella è in polietilene ed alta densità molecolare. - Velocità di lavoro ≤ 30m/min. - Termperatura di lavoro della testa ≤70°C.

The head consists of a fork with idle Wheel on the pin. Polyethylene Wheel, high molecular density. Operating speed ≤ 30 m/min. Operating temperature ≤ 70°C.

Der Kopf besteht aus einer Gabel mit Losrädchen auf dem Zapfen. Das Rädchen besteht aus Polyäthylen mit hoher Molekulardichte. Arbeits geschwindigkeit ≤ 30 m/min. Arbeitstemperatur ≤ 70°C.

Tipo Type	Catena Chain	A	B	C	D	E	F	ø e	W	G	h	H	I	ℓ	L	M	n	N	ø p	Z	O	p	P	Q	r	R	Newton	Tipo Type
TBBR-0	8 mm	35	52	15	60	15	30	70	2,5	40	19	30	40	19	30	/	/	/	/	/	/	/	/	/	/	/	100÷400	–
TBBR-1	3/8" x 7/32"	35	52	15	60	15	30	70	5	40	19	30	40	19	30	60	37	50	63,90	21	40	19	30	60	37	50	100÷400	TBBRR-1
TBBR-2	1/2" x 5/16"	35	52	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	100÷400	TBBRR-2
TBBR-3	5/8" x 3/8"	35	52	15	70	15	30	90	9	45	19	35	65	37	55	78	51	68	86,39	17	45	19	35	65	37	55	100÷400	TBBRR-3
TBBR-4	3/4" x 7/16"	35	52	15	70	15	30	90	11	45	19	35	65	37	55	78	51	68	91,63	15	45	19	35	65	37	55	100÷400	TBBRR-4
TBBR-5/4	1" x 17,02 mm	35	52	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	100÷400	TBBRR-5/4
TBBR-5	1" x 17,02 mm	50	67	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	180÷700	TBBRR-5
TBBR-6	1 1/4" x 3/4"	50	67	17,5	77,5	17,5	40	110	18	45	19	35	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	–
TBBR-7	1 1/2" x 1"	50	67	17,5	77,5	17,5	40	110	24	78	51	67	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	–

Tendicatena "Unidirezionale" Tipo: TBBRR / *Chain tightener "One-Directional" Type: TBBRR* / "Einseiting Gerishtet" Kettenspanner Typ: TBBRR



Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

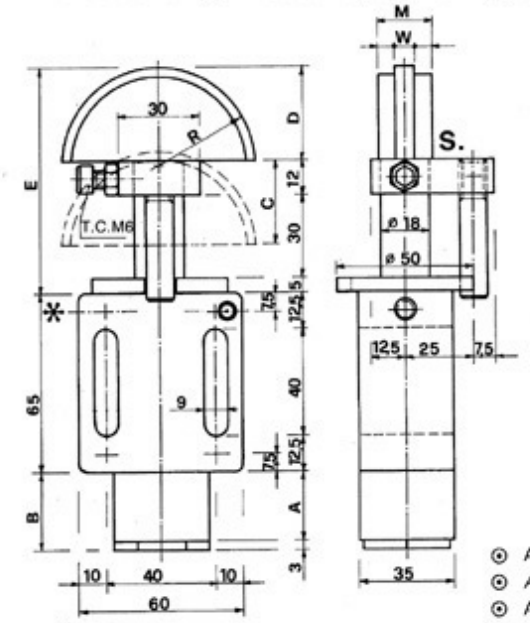
- Attacco per fine corsa elettrico "E"
- *Attachment for travel-end switch "E"*
- Anschluß für "E" elektrischem Endanschlag

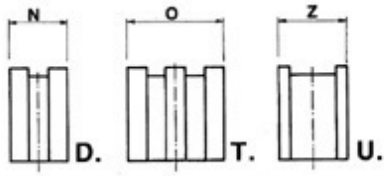
Testa composta da una forcella con pignone folle. Il pignone è costituito da una corona in acciaio, montata su cuscinetti con base maggiorata. I gruppi possono essere forniti con cuscinetto nazionale oppure INA. Velocità di lavoro ≤ 60 m/min. - Temperatura di lavoro della testa ≤ 120°C.

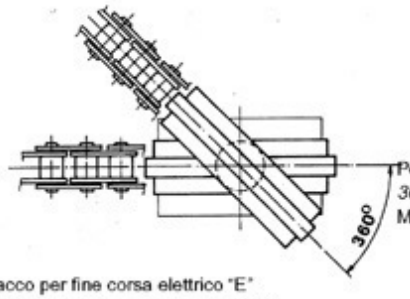
The head is formed by a fork with an idle pinion. The pinion consist of a steel crown, installed on enlarged bearings. Units are supplied with national or INA bearings. Operating speed ≤ 60 m/min. Head operating temperature ≤ 120°C.

Der Kopf besteht aus einer Gabel mit Leerlauf-Zahnscheibe. Das Ritzel mit Stahlkrone wird auf Lager mit erweiterter Basis montiert. Die Einheiten Können mit nationalen (neutralen) oder mit Lagern der Marke INA geliefert werden. Arbeitsgeschwindigkeit ≤ 60 m/min. Kopf-Arbeitstemperatur ≤ 120°C.

Tendicatena "Antirotazione" Tipo: TBAV / *Chain tightener "Anti-Rotation" Type: TBAV* / "Antirotierung" Kettenspanner Typ: TBAV







Possibile rotazione del pattino di 360°
360° glider revolving capacity
Mögliche Drehung der Gleitbacke: 360°

Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. - Temperatura di lavoro della testa ≤ 70°C. Testa V a profilo semicircolare indicata per piccoli interassi o per montaggi vicini al pignone.

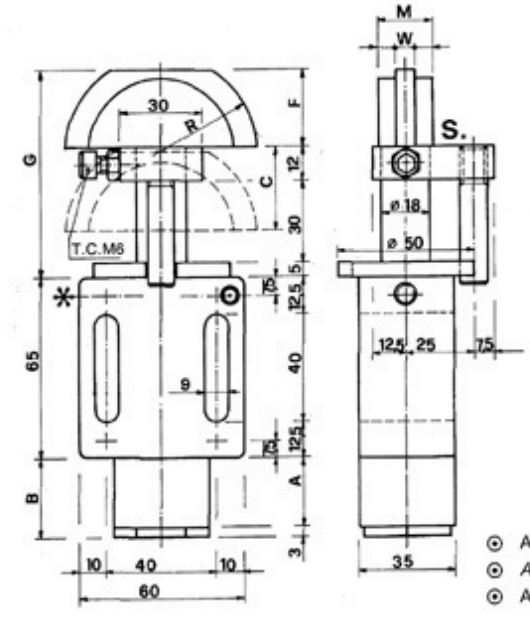
Polyethylene head, high molecular density. Operating speed ≤ 20 m/min. Head operating temperature ≤ 70°C. Semi-circular head (V) suitable for reduced interaxis or for installation close to the pinion.

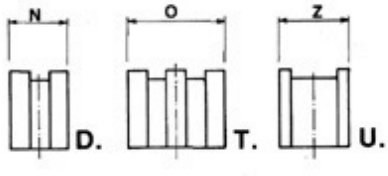
Kopf aus polyäthylen mit hoher Molekulardichte. Arbeits geschwindigkeit ≤ 20 m/min. Arbeitstemperatur ≤ 70°C. Halbrunder V-Kopf für Montagen in der Nähe eines Ritzels.

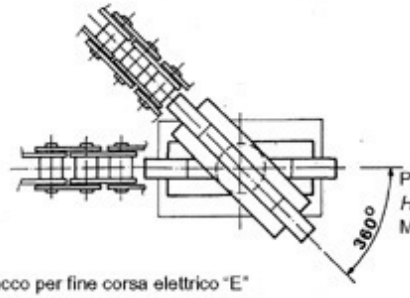
⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tipo Type	Catena Chain	A	B	C	D	E	F	G	M	N	O	R	Z	W	Newton	Tipo Type
TBAV-0	8 mm	0	3	28	33	80	30	77	18	18	/	35	20	2,5	30÷100	TBAL-0
TBAV-1/0	3/8" x 7/32"	0	3	28	33	80	30	77	18	18	/	35	20	5	30÷100	TBAL-1/0
TBAV-1	3/8" x 7/32"	0	3	28	33	80	30	77	18	18	25	35	20	5	60÷170	TBAL-1
TBAV-2/0	1/2" x 5/16"	0	3	28	33	80	30	77	18	/	/	35	25	7	30÷100	TBAL-2/0
TBAV-2/1	1/2" x 5/16"	0	3	28	33	80	30	77	18	21	34	35	25	7	60÷170	TBAL-2/1
TBAV-2	1/2" x 5/16"	0	3	28	33	80	30	77	18	21	34	35	25	7	90÷250	TBAL-2
TBAV-3/2	5/8" x 3/8"	0	3	30	43	90	37	84	18	25	42	45	25	9	90÷250	TBAL-3/2
TBAV-3	5/8" x 3/8"	25	28	30	43	90	37	84	18	25	42	45	25	9	100÷400	TBAL-3
TBAV-4/2	3/4" x 7/16"	0	3	30	43	90	37	84	18	30	49	45	/	11	90÷250	TBAL-4/2
TBAV-4	3/4" x 7/16"	25	28	30	43	90	37	84	18	30	49	45	/	11	100÷400	TBAL-4
TBAV-5/4	1" x 17,02 mm	25	28	30	53	100	46	93	20	47	79	55	/	16	100÷400	TBAL-5/4
TBAVP-5	1" x 17,02 mm	50	53	30	53	100	46	93	20	47	79	55	/	16	180÷700	TBALP-5
TBAVP-6	1 1/4" x 3/4"	50	53	30	53	100	46	93	22	/	/	55	/	18	180÷700	TBALP-6
TBAVP-7	1 1/2" x 1"	50	53	30	53	100	46	93	24	/	/	55	/	24	180÷700	TBALP-7

Tendicatena "Antirotazione" Tipo: TBAL / *Chain tightener "Anti-Rotation" Type: TBAL* / "Antirotierung" Kettenspanner Typ: TBAL







Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

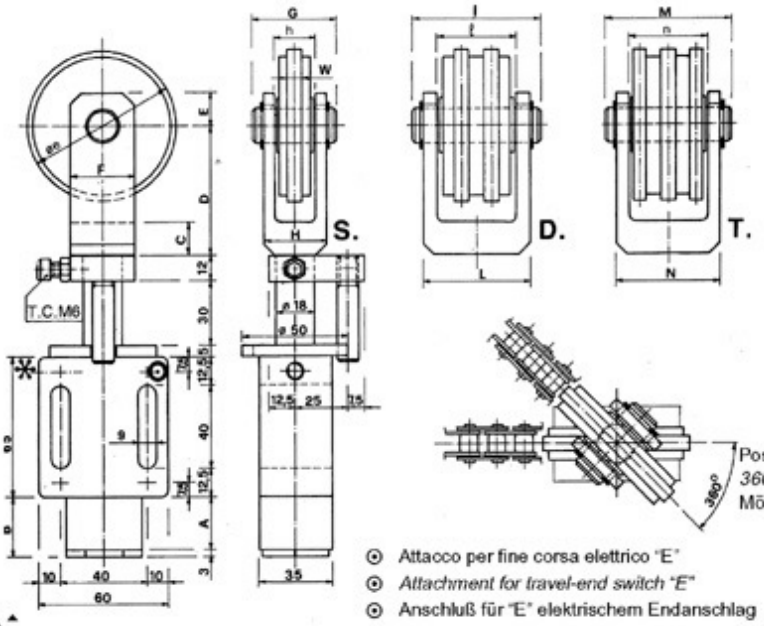
Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. - Temperatura di lavoro della testa ≤ 70°C. Testa L a profilo semicircolare ribassato indicata per grandi interassi.

Polyethylene head, high molecular density. Operating speed ≤ 20 m/min. Head operating temperature ≤ 70°C. Type L head with semi-circular lowered profile, suitable for large interaxis.

Kopf aus polyäthylen mit hoher Molekulardichte. Arbeitsgeschwindigkeit ≤ 20 m/min. Kopf-Arbeitstemperatur ≤ 70°C. L-Kopf mit halbrundem, gesenktem Profil für große Achsenabstände.

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tendicatena "Antirotazione" Tipo: TBAR / *Chain tightener "Anti-Rotation" Type: TBAR* / "Antirotierung" Kettenspanner Typ: TBAR



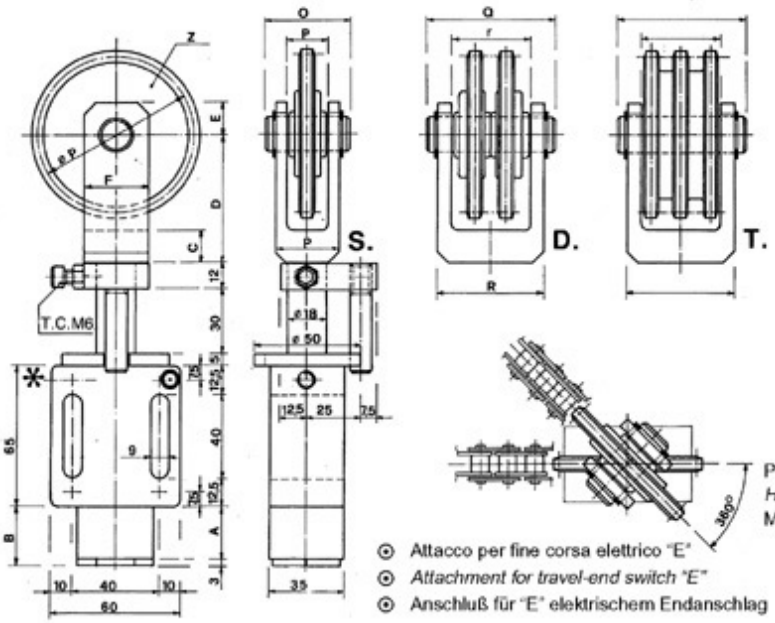
Testa composta da una forcella con rotella folle su perno. La rotella è in polietilene ed alta densità molecolare. - Velocità di lavoro ≤ 30 m/min. - Termperatura di lavoro della testa ≤70°C.

The head consists of a fork with idle Wheel on the pin. Polyethylene Wheel, high molecular density. Operating speed ≤ 30 m/min. Operating temperature ≤ 70°C.

Der Kopf besteht aus einer Gabel mit Losrädchen auf dem Zapfen. Das Rädchen besteht aus Polyäthylen mit hoher Molekulardichte. Arbeits geschwindigkeit ≤ 30 m/min. Arbeitstemperatur ≤ 70°C.

Tipo Type	Catena Chain	A	B	C	D	E	F	ø e	W	G	h	H	I	ℓ	L	M	n	N	ø p	Z	O	p	P	Q	r	R	Newton	Tipo Type
TBAR-0	8 mm	0	3	15	60	15	30	70	2,5	40	19	30	40	19	30	/	/	/	/	/	/	/	/	/	/	/	30÷100	–
TBAR-1/0	3/8" x 7/32"	0	3	15	60	15	30	70	5	40	19	30	40	19	30	60	37	50	63,90	21	40	19	30	60	37	50	30÷100	TBARR-1/0
TBAR-1	3/8" x 7/32"	0	3	15	60	15	30	70	5	40	19	30	40	19	30	60	37	50	63,90	21	40	19	30	60	37	50	60÷170	TBARR-1
TBAR-2/0	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	30÷100	TBARR-2/0
TBAR-2/1	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	60÷170	TBARR-2/1
TBAR-2	1/2" x 5/16"	0	3	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	90÷250	TBARR-2
TBAR-3/2	5/8" x 3/8"	0	3	15	70	15	30	90	9	45	19	35	65	37	55	78	51	68	86,39	17	45	19	35	65	37	55	90÷250	TBARR-3/2
TBAR-3	5/8" x 3/8"	25	28	15	70	15	30	90	9	45	19	35	65	37	55	78	51	68	86,39	17	45	19	35	65	37	55	100÷400	TBARR-3
TBAR-4/2	3/4" x 7/16"	0	3	15	70	15	30	90	11	45	19	35	65	37	55	78	51	68	91,63	15	45	19	35	65	37	55	90÷250	TBARR-4/2
TBAR-4	3/4" x 7/16"	25	28	15	70	15	30	90	11	45	19	35	65	37	55	78	51	68	91,63	15	45	19	35	65	37	55	100÷400	TBARR-4
TBAR-5/4	1" x 17,02 mm	25	28	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	100÷400	TBARR-5/4
TBARP-5	1" x 17,02 mm	50	53	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	180÷700	TBARRP-5
TBARP-6	1 1/4" x 3/4"	50	53	17,5	77,5	17,5	40	110	18	45	19	35	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	–
TBARP-7	1 1/2" x 1"	50	53	17,5	77,5	17,5	40	110	24	78	51	67	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	–

Tendicatena "Antirotazione" Tipo: TBARR / *Chain tightener "Anti-Rotation" Type: TBARR* / "Antirotierung" Kettenspanner Typ: TBARR

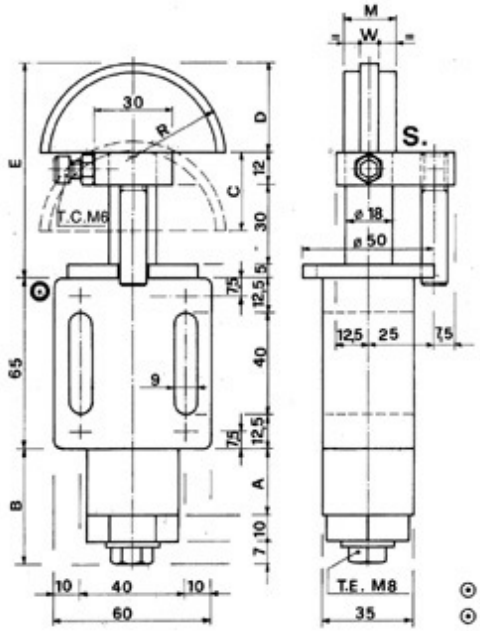


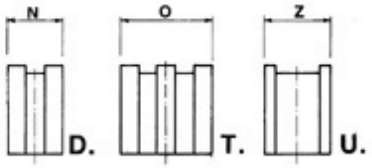
Testa composta da una forcella con pignone folle. Il pignone è costituito da una corona in acciaio, montata su cuscinetti con base maggiorata. I gruppi possono essere forniti con cuscinetto nazionale oppure INA. Velocità di lavoro ≤ 60m/min. - Temperatura di lavoro della testa ≤ 120°C.

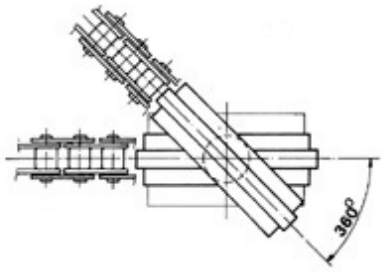
The head is formed by a fork with an idle pinion. The pinion consist of a steel crown, installed on enlarged bearings. Units are supplied with national or INA bearings. Operating speed ≤ 60 m/min. Head operating temperature ≤ 120°C.

Der Kopf besteht aus einer Gabel mit Leerlauf-Zahnscheibe. Das Ritzel mit Stahlkrone wird auf Lager mit erweiterter Basis montiert. Die Einheiten Können mit nationalen (neutralen) oder mit Lagern der Marke INA geliefert werden. Arbeitsgeschwindigkeit ≤ 60 m/min. Kopf-Arbeitstemperatur ≤ 120°C.

Tendicatena " Antirotazione" e "Unidirezionale" Tipo: TBABV / *Chain tightener "Anti-Rotation" and "One-Directional" Type: TBABV* / "Antirotierung" und "Einseiting Gerichtet" Kettenspanner Typ: TBABV







Possibile rotazione del pattino di 360°
360° glider revolving capacity
Mögliche Drehung der Gleitbacke: 360°

Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro della testa ≤ 70°C. Testa V a profilo semicircolare indicata per piccoli interassi o per montaggi vicini al pignone.

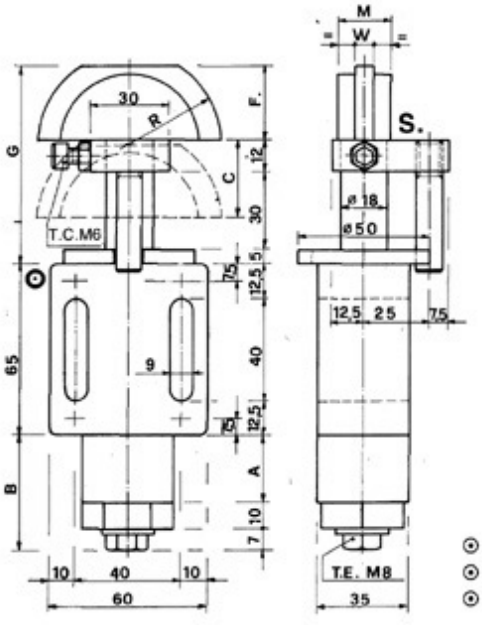
Polyethylene head, high molecular density. Operating speed ≤ 20 m/min. Head operating temperature ≤ 70°C. Semi-circular head (V) suitable for reduced interaxis of for installation close to the pinion.

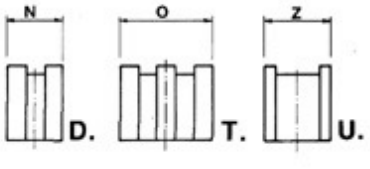
Kopf aus polyäthylen mit hoher Molekulardichte. Arbeitsgeschwindigkeit ≤ 20 m/min. Kopfarbeitstemperatur ≤ 70°C. Halbrunder V-Kopf für Kleine Achsenabstände oder für Montagen in der Nähe eines Ritzels.

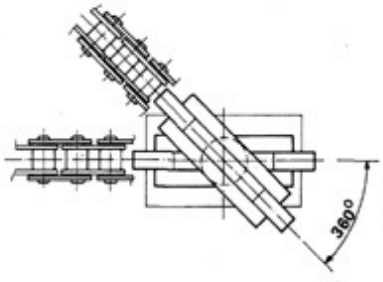
⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tipo Type	Catena Chain	A	B	C	D	E	F	G	M	N	O	R	Z	W	Newton	Tipo Type
TBABV-0	8 mm	0	17	15	33	80	30	77	18	18	/	35	20	2,5	90÷250	TBABL-0
TBABV-1	3/8" x 7/32"	0	17	15	33	80	30	77	18	18	25	35	20	5	90÷250	TBABL-1
TBABV-2	1/2" x 5/16"	0	17	15	33	80	30	77	18	21	34	35	25	7	90÷250	TBABL-2
TBABV-3	5/8" x 3/8"	25	42	30	43	90	37	84	18	25	42	45	25	9	100÷400	TBABL-3
TBABV-4	3/4" x 7/16"	25	42	30	43	90	37	84	18	30	49	45	/	11	100÷400	TBABL-4
TBABV-5/4	1" x 17,02 mm	25	42	30	53	100	46	93	20	47	79	55	/	16	100÷400	TBABL-5/4
TBABV-5	1" x 17,02 mm	50	67	30	53	100	46	93	20	47	79	55	/	16	180÷700	TBABL-5
TBABV-6	1 1/4" x 3/4"	50	67	30	53	100	46	93	22	/	/	55	/	18	180÷700	TBABL-6
TBABV-7	1 1/2" x 1"	50	67	30	53	100	46	93	24	/	/	55	/	24	180÷700	TBABL -7

Tendicatena "Antirotazione" e "Unidirezionale" Tipo: TBABL / *Chain tightener "Anti-Rotation" and "One-Directional" Type: TBABL* / "Antirotierung" und "Einseiting Gerichtet" Kettenspanner Typ: TBABL







Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

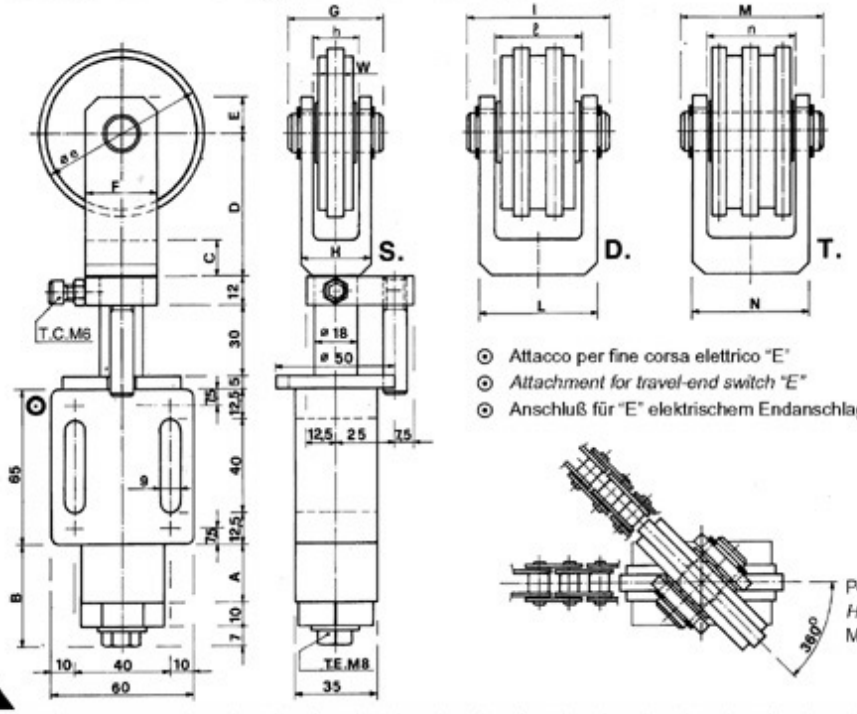
Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro della testa ≤ 70°C. Testa L a profilo semicircolare ribassato, indicata per grandi interassi.

Polyethylene head, high molecular density. Operating speed ≤ 20m/min. Head operating temperature ≤ 70°C. Type L head with semi-circular lowered profile, suitable for large interaxis.

Kopf aus polyäthylen mit hoher Molekulardichte. Arbeitsgeschwindigkeit ≤ 20 m/min. Kopfarbeitstemperatur ≤ 70°C. L-Kopf mit halbrundem, gesenktem Profil für große Achsenabstände.

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tendicatena "Antirotazione" e "Unidirezionale" Tipo: TBABR / *Chain tightenere "Anti-Rotation" and "One-Directional" Type: TBABR* / "Antirotierung" und "Einseiting Gerischtet" Kettenspanner Typ: TBABR



Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

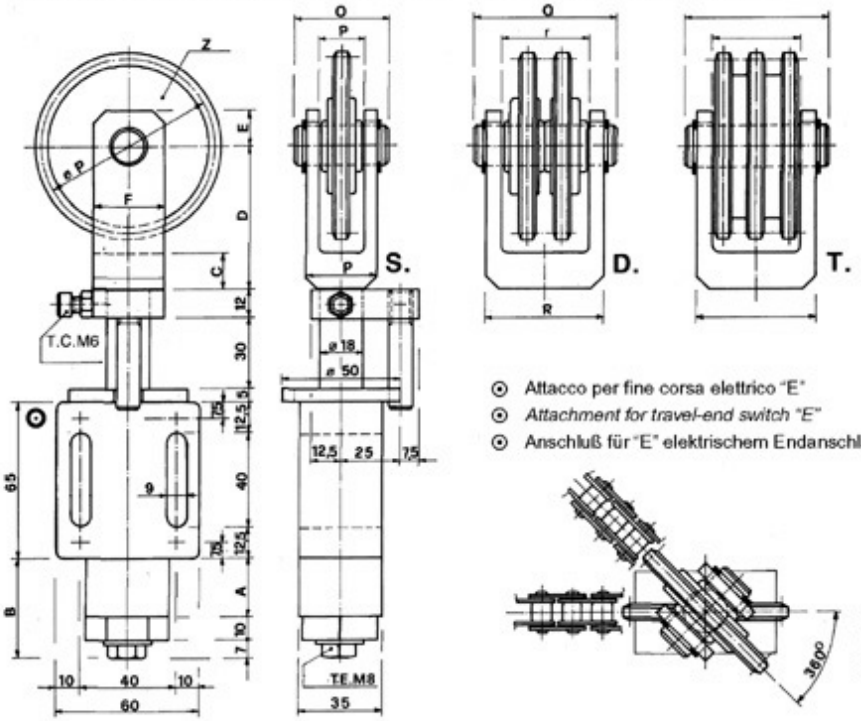
Testa composta da una forcella con rotella folle su perno. La rotella è in polietilene ed alta densità molecolare. - Velocità di lavoro ≤ 30 m/min. - Termperatura di lavoro della testa ≤70°C.

The head consists of a fork with idle Wheel on the pin. Polyethylene Wheel, high molecular density. Operating speed ≤ 30 m/min. Operating temperature ≤ 70°C.

Der Kopf besteht aus einer Gabel mit Losrädchen auf dem Zapfen. Das Rädchen besteht aus Polyäthylen mit hoher Molekulardichte. Arbeits geschwindigkeit ≤ 30 m/min. Arbeitstemperatur ≤ 70°C.

Tipo Type	Catena Chain	A	B	C	D	E	F	ø e	W	G	h	H	I	ℓ	L	M	n	N	ø p	Z	O	p	P	Q	r	R	Newton	Tipo Type
TBABR-0	8 mm	25	42	15	60	15	30	70	2,5	40	19	30	40	19	30	/	/	/	/	/	/	/	/	/	/	/	100÷400	-
TBABR-1	3/8" x 7/32"	25	42	15	60	15	30	70	5	40	19	30	40	19	30	60	37	50	63,90	21	40	19	30	60	37	50	100÷400	TBABRR-1
TBABR-2	1/2" x 5/16"	25	42	15	60	15	30	70	7	40	19	30	60	37	50	60	37	50	73,14	18	40	19	30	60	37	50	100÷400	TBABRR-2
TBABR-3	5/8" x 3/8"	25	42	15	70	15	30	90	9	45	19	35	65	37	55	78	51	68	86,39	17	45	19	35	65	37	55	100÷400	TBABRR-3
TBABR-4	3/4" x 7/16"	25	42	15	70	15	30	90	11	45	19	35	65	37	55	78	51	68	91,63	15	45	19	35	65	37	55	100÷400	TBABRR-4
TBABR-5/4	1" x 17,02 mm	25	42	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	100÷400	TBABRR-5/4
TBARR-5	1" x 17,02 mm	50	67	17,5	77,5	17,5	40	110	16	45	19	35	78	51	67	/	/	/	98,14	12	45	19	35	78	51	67	180÷700	TBABRR-5
TBABR-6	1 1/4" x 3/4"	50	67	17,5	77,5	17,5	40	110	18	45	19	35	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	-
TBABR-7	1 1/2" x 1"	50	67	17,5	77,5	17,5	40	110	24	78	51	67	/	/	/	/	/	/	/	/	/	/	/	/	/	/	180÷700	-

Tendicatena "Antirotazione" e "Unidirezionale" Tipo: TBABRR / *Chain tightener "Anti-Rotation" and "One-Directional" Type: TBABRR* / "Antirotierung" und "Einseiting Gerishtet" Kettenspanner Typ: TBABRR



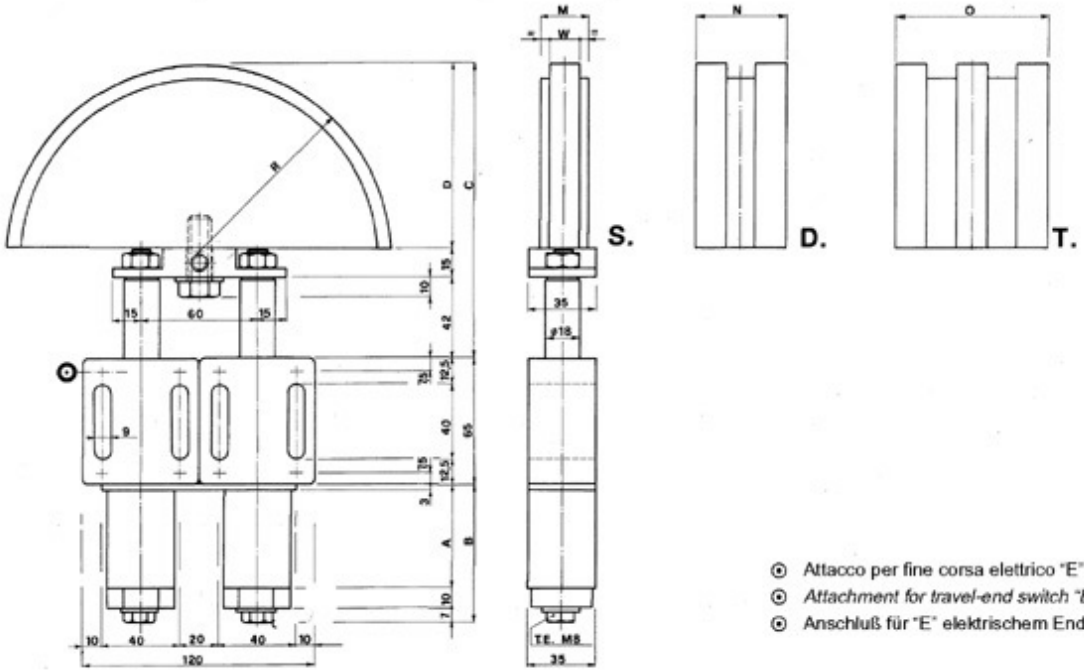
Possibile rotazione della testa di 360°
Head possible rotation of 360°
Mögliche Kopfdrehyng von 360 grad

Testa composta da una forcella con pignone folle. Il pignone è costituito da una corona in acciaio, montata su cuscinetti con base maggiorata. I gruppi possono essere forniti con cuscinetto nazionale oppure INA. Velocità di lavoro ≤ 60 m/min. - Temperatura di lavoro della testa ≤ 120°C.

The head is formed by a fork with an idle pinion. The pinion consist of a steel crown, installed on enlarged bearings. Units are supplied with national or INA bearings. Operating speed ≤ 60 m/min. Head operating temperature ≤ 120°C.

Der Kopf besteht aus einer Gabel mit Leerlauf-Zahnscheibe. Das Ritzel mit Stahlkrone wird auf Lager mit erweiterter Basis montiert. Die Einheiten Können mit nationalen (neutralen) oder mit Lagern der Marke INA geliefert werden. Arbeitsgeschwindigkeit ≤ 60 m/min. Kopf-Arbeitstemperatur ≤ 120°C.

Tendicatena Tipo: 2TBV / *Chain tightener Type: 2TBV* / Kettenspanner Typ: 2TBV



Testa in polietilene ad alta densità molecolare. Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro della testa ≤ 70°C. Testa V a profilo semicircolare indicata per piccoli interassi o per montaggi vicini al pignone.

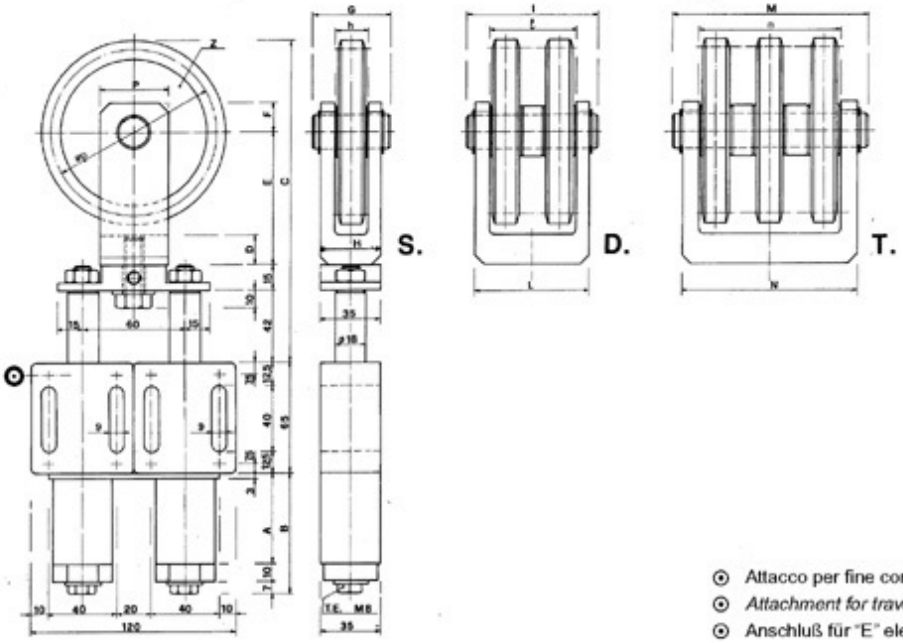
Polyethylene head, high molecular density. Operating speed ≤ 20 m/min. Head operating temperature ≤ 70°C. Semi-circular head (V) suitable for reduced interaxis of for installation close to the pinion.

Kopf aus polyäthylen mit hoher Molekulardichte. Arbeitsgeschwindigkeit ≤ 20 m/min. Kopfarbeitstemperatur ≤ 70°C. Halbrunder V-Kopf für Kleine Achsenabstände oder für Montagen in der Nähe eines Ritzels.

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tipo Type	Catena Chain	A	B	C	D	M	N	O	R	W	Newton
2TBV-5	1" x 17,02 mm	35	52	155	98	25	47	79	100	16	200÷800
2TBV-6	1 1/4" x 3/4"	35	52	155	98	25	54	91	100	18	200÷800
2TBV-7	1 1/2" x 1"	50	67	155	98	30	72	120	100	24	360÷1400
2TBV-8	1 3/4" x 1 1/4"	50	67	205	148	35	88	/	150	29	360÷1400
2TBV-9	2" x 1 1/4"	85	102	205	148	35	87	/	150	29	440÷2000

Tendicatena Tipo: 2TBBR / *Chain tightener Type: 2TBBR* / Kettenspanner Typ: 2TBBR



Testa composta da una forcella con pignone folle. Il pignone è costituito da una corona in acciaio, montata su cuscinetti con base maggiorata. I gruppi possono essere forniti con cuscinetto nazionale oppure INA. Velocità di lavoro ≤ 60 m/min. - Temperatura di lavoro della testa ≤ 120°C.

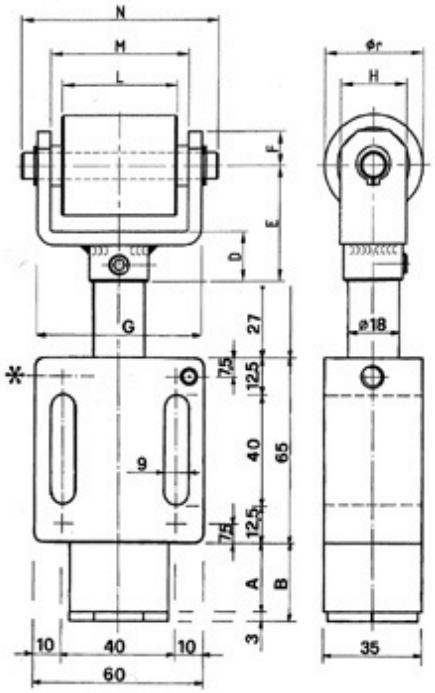
The head is formed by a fork with an idle pinion. The pinion consist of a steel crown, installed on enlarged bearings. Units are supplied with national or INA bearings. Operating speed ≤ 60 m/min. Head operating temperature ≤ 120°C.

Der Kopf besteht aus einer Gabel mit Leerlauf-Zahnscheibe. Das Ritzel mit Stahlkrone wird auf Lager mit erweiterter Basis montiert. Die Einheiten können mit nationalen (neutralen) oder mit Lagern der Marke INA geliefert werden. Arbeitsgeschwindigkeit ≤ 60 m/min. Kopf-Arbeitstemperatur ≤ 120°C.

⊙ Attacco per fine corsa elettrico "E"
⊙ *Attachment for travel-end switch "E"*
⊙ Anschluß für "E" elektrischem Endanschlag

Tipo Type	Catena Chain	A	B	C	D	E	F	G	h	H	I	l	L	M	n	N	ø p	Z	P	Newton
2TBRR-5	1" x 17,02 mm	50	67	184	17,5	77,5	17,5	45	19	35	78	51	67	115	83	103	98,14	12	40	360÷1400
2TBRR-6	1 1/4" x 3/4"	50	67	231	20	100	25	50	22	40	88	60	80	125	94	114	132,65	13	50	360÷1400
2TBRR-7	1 1/2" x 1"	85	102	232	20	100	25	60	30	50	110	78	98	158	127	147	135,21	11	50	440÷2000
2TBRR-8	1 3/4 x 1 1/4"	85	102	260	20	115	25	65	35	55	125	94	114	185	154	174	157,77	11	50	440÷2000
2TBRR-9	2" x 1 1/4"	110	127	282	20	125	25	65	35	55	125	94	114	185	154	174	180,34	11	50	680÷3000

Tendicinghia Tipo: TBC / *Belt tightener Type: TBC* / Riemenspanner Typ: TBC



Testa composta da una forcella con rullo folle. Il rullo è in acciaio zincato montato su cuscinetti lubrificati. Allentando il dado sulla colonne si può scegliere un diverso orientamento del rullo. Temperatura di lavoro della testa ≤ 120°C.

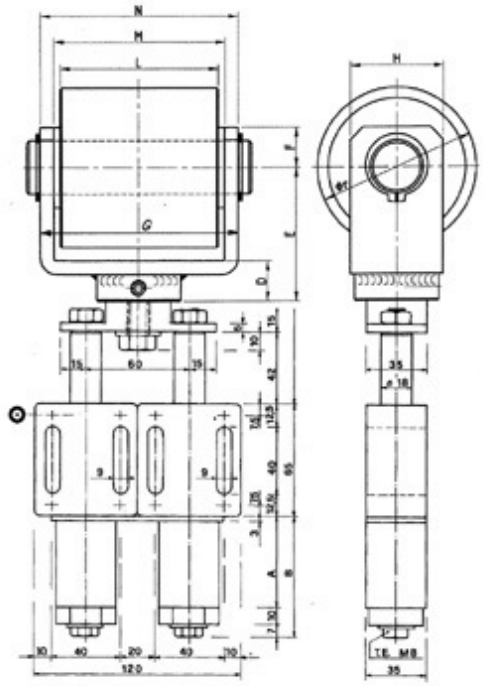
The head consist of a fork with a idle roller. The roller is in galvanized steel installed on greased bearings. Select different roller orientations by unlocking the nut located on the column. Head operating temperature ≤ 120° C.

Der Kopf besteht aus einer Gabel mit Losrolle. Die Rolle aus verzinktem Stahl wird auf geschmietre Lager montiert. Ween man di Mutter and der Säule lockert, Kann man die Rolle anders orientieren. Kopf-Arbeitstemperatur ≤ 120°C.

- Attacco per fine corsa elettrico "E"
- *Attachment for travel-end switch "E"*
- Anschluß für "E" elektrischem Endanschlag

Tipo Type	Rullo Roll - Rolle	A	B	C	D	E	F	G	H	M	N	L	ø r	Newton
TBC-0	30 x 35	0	3	77	15	35	10	50	30	37	60	35	30	30÷100
TBC-1	40 x 45	0	3	87	15	40	10	60	25	50	70	45	40	90÷250
TBC-3	60 x 60	50	53	107	15	50	17,5	75	35	65	85	60	60	180÷700
TBC-5	80 x 90	50	53	132	20	65	20	110	45	95	121	90	80	220÷1000

Tendicinghia Tipo: 2TBC / *Belt tightener Type: 2TBC* / Riemenspanner Typ: 2TBC



Testa composta da una forcella con rullo folle. Il rullo è in acciaio zincato montato su cuscinetti lubrificati. Allentando il dado sulla colonne si può scegliere un diverso orientamento del rullo. Temperatura di lavoro della testa ≤ 120°C.

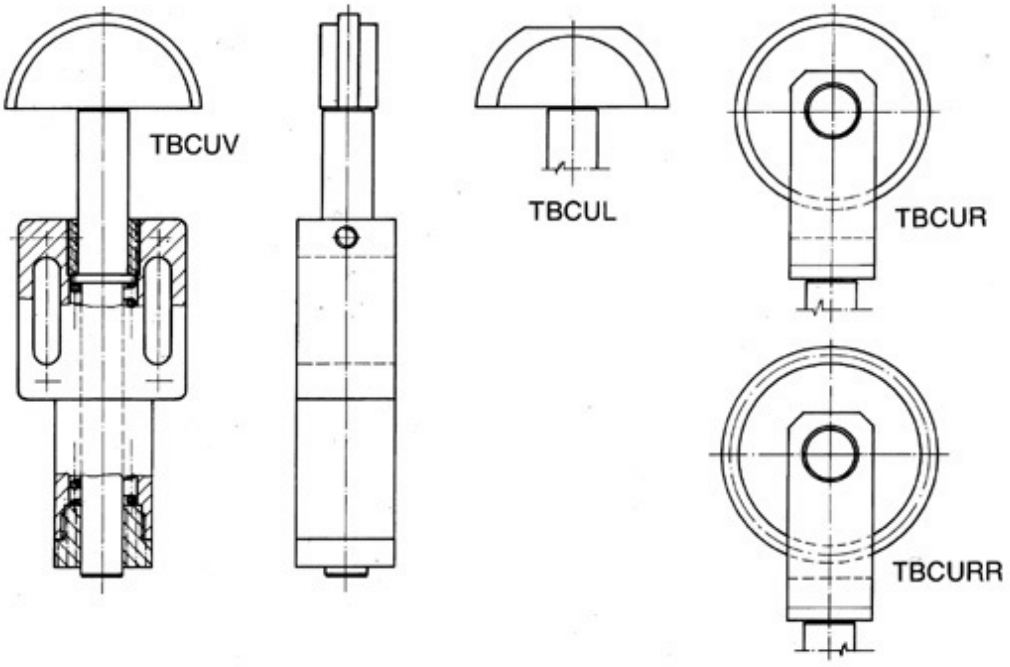
The head consist of a fork with a idle roller. The roller is in galvanized steel installed on greased bearings. Select different roller orientations by unlocking the nut located on the column. Head operating temperature ≤ 120° C.

Der Kopf besteht aus einer Gabel mit Losrolle. Die Rolle aus verzinktem Stahl wird auf geschmietre Lager montiert. Ween man di Mutter and der Säule lockert, Kann man die Rolle anders orientieren. Kopf-Arbeitstemperatur ≤ 120°C.

- Attacco per fine corsa elettrico "E"
- *Attachment for travel-end switch "E"*
- Anschluß für "E" elektrischem Endanschlag

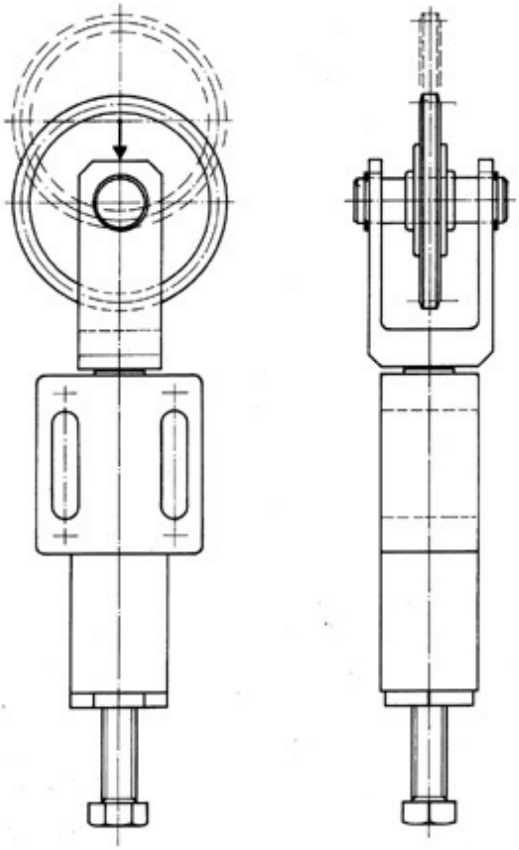
Tipo Type	Rullo Roll - Rolle	A	B	C	D	E	F	G	H	M	N	L	ø r	Newton
2TBC-3	60 x 60	25	42	137	15	50	17,5	75	35	65	85	60	60	200÷800
2TBC-4														
2TBC-5	80 x 90	50	67		20	65	20	110	45	95	121	90	80	360÷1400
2TBC-6	80 x 135	50	67		20	65	20	155	45	140	166	135	80	440÷2000

Tendicatena con doppia guida Tipo: TBCU / *Chain tightener - with double slide Type: TBCU* / Kettenspanner - mit Doppel Gleitschiene Typ: TBCU



I dati tecnici di questo prodotto vengono forniti su richiesta a parte
Technical specifications can be supplied on request
Der technische katalog zu diesem Produkt kann auf Wunsch separat geliefert werden

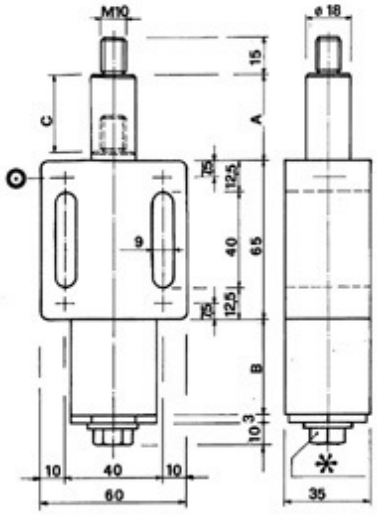
Tendicatena - in tiro Tipo: TBtRR / *Chain tightener - in drag conditions Type: TBtRR* / Kettenspanner - in Zugrichtung Typ: TBtRR

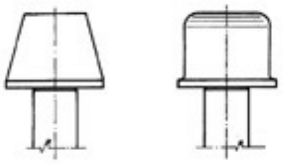


I dati tecnici di questo prodotto vengono forniti su richiesta a parte
Technical specifications can be supplied on request
Der technische katalog zu diesem Produkt kann auf Wunsch separat geliefert werden

Ammortizzatore - Deceleratore Tipo: DECA
Shock absorber - Decelerators Type: DECA
Stoßdämpfer - Abdrosselung Typ: DECA

Gruppo di pressione con vite di precarica (*) Tipo: DECA Pr
Pressure application with perloading screw (*) Type: DECA
Druckeinheit mit Vorspannschraube (*) Typ: DECA Pr



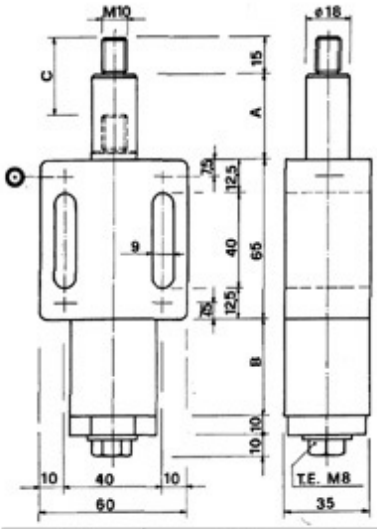


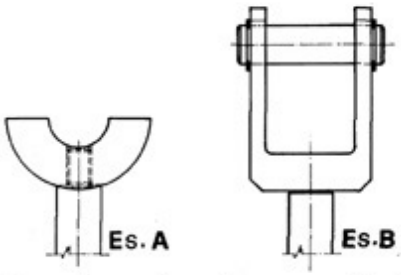
- ⊙ Attacco per fine corsa elettrico "E"
- ⊙ *Attachment for travel-end switch "E"*
- ⊙ Anschluß für "E" elektrischem Endanschlag

- ✲ **Vite T.E. M12 Solo per Deca Pr**
- ✲ **Screw T.E. M12 Only for Deca Pr**
- ✲ **Schraube T.E. M12 Nur für Deca Pr**

Tipo Type	M27			M35			M42			M80			M130			M200			Newton	Tipo Type
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C		
DECA 1 M...	27	0	27	35	25	33	42	35	42	80	100	80	130	175	130	200	275	200	30÷100	DECA 1 M... Pr
DECA 2 M...	27	0	27	35	25	33	42	35	42	80	100	80	130	175	130	200	275	200	60÷170	DECA 2 M... Pr
DECA 3 M...	27	0	27	35	25	33	42	35	42	80	100	80	130	175	130	200	275	200	90÷250	DECA 3 M... Pr
DECA 4 M...	27	25	27	35	25	33	42	75	42	80	110	80	130	235	130	200	375	200	100÷400	DECA 4 M... Pr
DECA 5 M...	27	50	27	35	50	35	42	55	42	80	150	80	130	250	130	200	425	197	180÷700	DECA 5 M... Pr
DECA 6 M...	27	50	27	35	75	35	42	85	42	80	210	80	130	350	130	200	585	200	220÷1000	DECA 6 M... Pr
DECA 7 M...	27	50	27	35	100	35	42	110	42	80	260	80	130	425	130	200	700	197	340÷1500	DECA 7 M... Pr
DECA 8 M...	27	50	27	35	100	35	42	110	40	80	260	80	130	425	130	200	700	197	400÷2000	DECA 8 M... Pr
DECA 9 M...	27	75	27	35	125	35	42	135	42	80	300	80	130	460	130	200	750	198	500÷2500	DECA 9 M... Pr

Elemento di pressione "Unidirezionale" Tipo: DECA un / *Pressure element "One-Directional" Type:* DECA un / Druckelement "Einseiting Gerichtet" Typ: DECA un





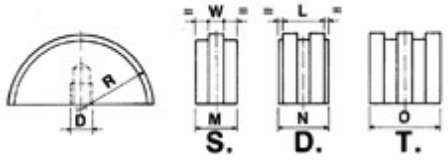
Accessori a richiesta - Accessories on request - Zubehör auf Wunsch

- ⊙ Attacco per fine corsa elettrico "E"
- ⊙ *Attachment for travel-end switch "E"*
- ⊙ Anschluß für "E" elektrischem Endanschlag

Tipo Type	M27			M35			M42			M80			M130			M200			Newton
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
DECA 1 M... un	27	0	15	35	35	33	42	50	42	80	100	80	130	185	130	200	285	198	30÷100
DECA 2 M... un	27	0	15	35	35	33	42	50	42	80	100	80	130	185	130	200	285	198	60÷170
DECA 3 M... un	27	0	15	35	35	33	42	50	42	80	100	80	130	185	130	200	285	198	90÷250
DECA 4 M... un	27	35	27	35	35	33	42	85	42	80	150	80	130	235	127	200	375	197	100÷400
DECA 5 M... un	27	50	27	35	60	35	42	60	42	80	150	80	130	260	130	200	385	200	180÷700
DECA 6 M... un	27	50	27	35	75	35	42	100	42	80	225	80	130	350	128	200	585	192	220÷1000
DECA 7 M... un	27	75	27	35	100	35	42	125	42	80	225	80	130	425	127	200	710	192	340÷1500
DECA 8 M... un	27	75	27	35	100	35	42	125	42	80	275	80	130	425	127	200	710	192	400÷2000
DECA 9 M... un	27	100	27	35	125	35	42	150	42	80	325	80	130	500	130	200	800	200	500÷2500

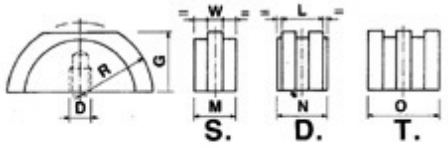
Accessori / *Accessories* / Zubehör

Testa tipo: **V**
*Head type: **V***
Kopf Typ: **V**



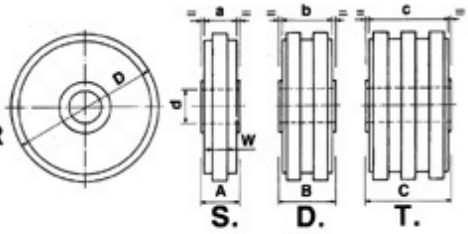
Tipo Type Typ	Passo Pitch Schritt	R	W	M	N	O	L	D
V0	8 mm	35	2,5	18	18	/	8	M10
V1	3/8"	35	5	18	18	25	15	M10
V2	1/2"	35	7	18	21	34	20	M10
V3	5/8"	45	9	18	25	42	25	M10
V4	3/4"	45	11	18	30	49	30	M10
V5	1"	55	16	20	47	79	47	M10
V6	1" 1/4	55	18	22	/	/	/	M10
V7	1" 1/2	55	24	24	/	/	/	M10

Testa tipo: **L**
*Head type: **L***
Kopf Typ: **L**



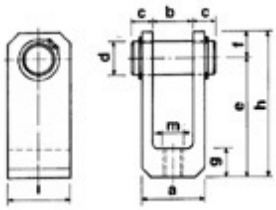
Tipo Type Typ	Passo Pitch Schritt	G	R	W	M	N	O	L	D
L0	8 mm	30	35	2,5	18	18	/	8	M10
L1	3/8"	30	35	5	18	18	25	15	M10
L2	1/2"	30	35	7	18	21	34	20	M10
L3	5/8"	37	45	9	18	25	42	25	M10
L4	3/4"	37	45	11	18	30	49	30	M10
L5	1"	46	55	16	20	47	79	47	M10
L6	1" 1/4	46	55	18	22	/	/	/	M10
L7	1" 1/2	46	55	24	24	/	/	/	M10

Rotella tipo: **R**
*Rollers type: **R***
Rädchen Typ: **R**



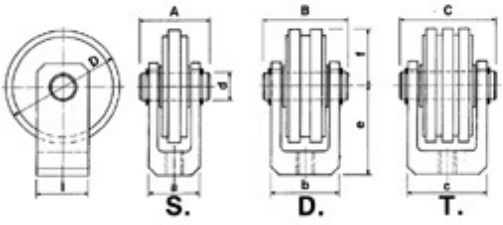
Tipo Type Typ	Passo Pitch Schritt	W	A	a	B	b	C	c	D	d
R0	8 mm	2,5	18	16	18	16	/	/	70	16
R1	3/8"	5	18	16	18	15	36	25	70	16
R2	1/2"	7	18	16	36	34	36	34	70	16
R3	5/8"	9	18	16	36	34	50	42	90	16
R4	3/4"	11	18	16	36	34	49	49	90	16
R5	1"	16	18	16	50	46	/	/	110	20
R6	1" 1/4	18	18	18	/	/	/	/	110	20
R7	1" 1/2	24	24	24	/	/	/	/	110	20

Forcella tipo: **F**
*Bracket type: **F***
Gabel Typ: **F**



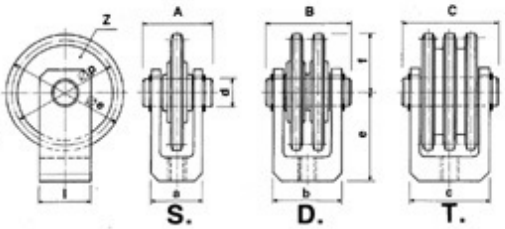
Tipo Type Typ	a	b	c	d	e	f	g	h	l	m
F10	30	19	10,5	16	60	15	15	75	30	M10
F11	35	19	13	16	70	15	15	85	30	M10
F12	50	37	11,5	16	60	15	15	75	30	M10
F13	55	37	14	16	70	15	15	85	30	M10
F14	70	52	14	16	70	15	15	85	35	M10
F15	35	19	13	20	77,5	17,5	17,5	95	40	M10
F16	67	51	13	20	77,5	17,5	17,5	95	40	M10
F17	100	80	15	20	77,5	17,5	17,5	95	40	M10

Testa tipo: **RF**
*Head type: **RF***
Kopf Typ: **RF**



Tipo Type Typ	Passo Pitch Schritt	a	A	b	B	c	C	d	D	e	f	l
RF0	8 mm	30	40	30	40	/	/	16	70	60	35	30
RF1	3/8"	30	40	30	40	50	60	16	70	60	35	30
RF2	1/2"	30	40	50	60	50	60	16	70	60	35	30
RF3	5/8"	35	45	55	65	67	78	16	90	70	45	30
RF4	3/4"	35	45	55	65	67	78	16	90	70	45	30
RF5	1"	35	45	67	78	/	/	20	110	77,5	55	40
RF6	1" 1/4	35	45	/	/	/	/	20	110	77,5	55	40
RF7	1" 1/2	67	78	/	/	/	/	20	110	77,5	55	40

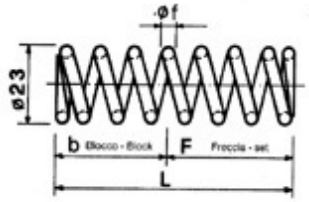
Testa tipo: **RR**
*Head type: **RR***
Kopf Typ: **RR**



Tipo Type Typ	Passo Pitch Schritt	a	A	b	B	c	C	d	e	f	l	ø p	ø e	Z
RR1	3/8"	30	40	50	60	/	/	16	60	32	30	63,90	68,0	21
RR2	1/2"	30	40	50	60	/	/	16	60	37	30	73,14	77,8	18
RR3	5/8"	35	45	55	65	/	/	16	70	43	30	86,39	93,0	17
RR4	3/4"	35	45	55	65	/	/	16	70	46	30	91,63	99,8	15
RR5	1"	35	45	67	78	/	/	20	77,5	55	40	98,14	109,0	12

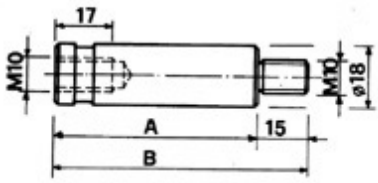
Accessori / *Accessories* / Zubehör

Molla tipo: **M**
*Spring type: **M***
Feder Typ: **M**



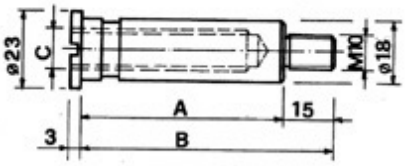
Tipo Type Typ	M10	M11	M12	M13	M14	M15	M16	M17	M18
L	50	50	50	76	105	130	155	160	205
b	17	18	19	36	55	85	110	110	155
F	33	32	31	40	50	45	45	50	50
ø 1	2	2,3	2,5	3	3,6	4	4,5	4,7	5,2
Newton ± 10%	0÷100	0÷170	0÷250	0÷400	0÷700	0÷1000	0÷1500	0÷2000	0÷2500

Colonna tipo: **B**
*Column type: **B***
Säule Typ: **B**



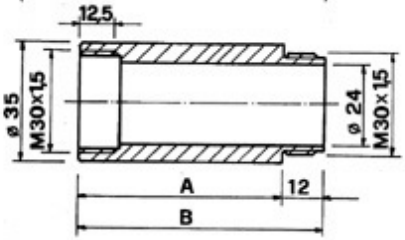
Tipo Type Typ	B8 TE M10x65	B9	B10	B11	B12	B13
A	47	47	55	100	150	200
B	62	62	70	115	165	235

Colonna tipo: **T**
*Column type: **T***
Säule Typ: **T**



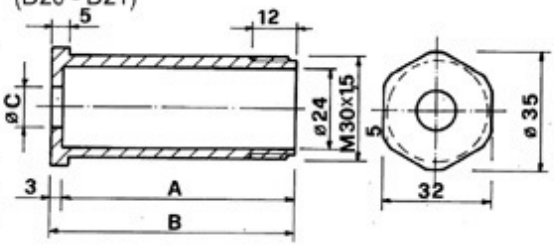
Tipo Type Typ	T9	T10	T11	T12	T13	T14	T15
A	47	55	100	150	220	50	62
B	62	70	115	165	235	65	77
C	M12	M12	M12	M12	M12	M8	M8

Cilindro tipo: **D** - *Cilinder type: **D*** - Zylinder Typ: **D**
(D10 - D11 - D12 - D13 - D30)

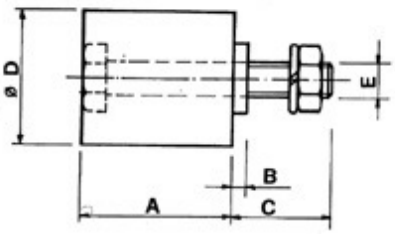


Tipo Type Typ	D10	D11	D12	D13	D30	D20	D21
A	25	50	75	100	35	34	67
B	37	62	87	112	47	37	70
C	0	0	0	0	0	0	12,5

Cilindro tipo: **D** - *Cilinder type: **D*** - Zylinder Typ: **D**
(D20 - D21)



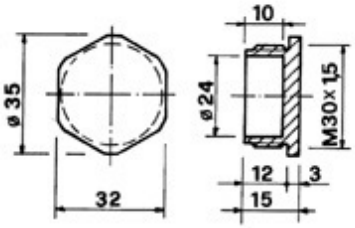
Rullo folle tipo: **RU** (acciaio zincato)
RE (poliammide)
*Rollerset type: **RU** (galvanized steel)*
***RE** (Polyamid)*
Rollensatz Typ: **RU** (verzinkt Sthal)
RE (Polyamid)



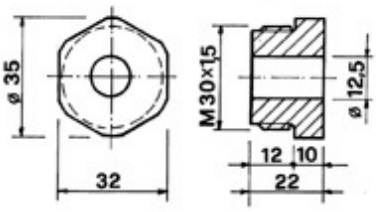
Tipo (acciaio) Type (steel) Typ (Stahl)	A	B	C	ø D	E
RU-1	35	3	16	30	M8
RU-2/3	45	6	22	40	M10
RU-4	60	7,5	29	60	M12
RU-5	90	9	37	80	M20
RU-6	135	7	32	90	M20

Tipo (Poliammide) Type (Polyamid) Typ (Polyamid)
RP-1
RE-2/3
RE-4
RE-5
RE-6

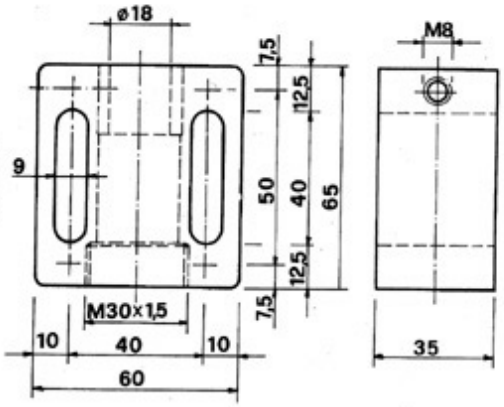
Tappo tipo: **Z10**
*Stopper type: **Z10***
Verschlußdeckel Typ: **Z10**



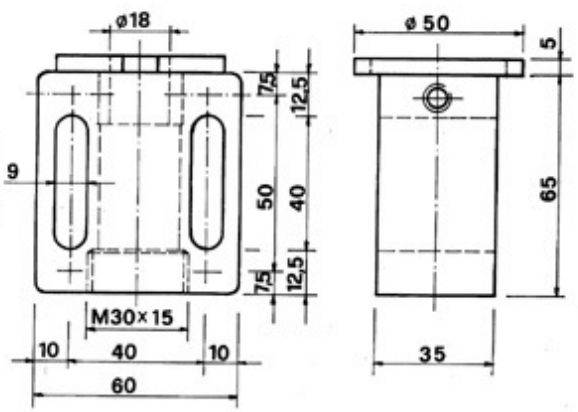
Tappo tipo: **Z11**
*Stopper type: **Z11***
Verschlußdeckel Typ: **Z11**



Corpo tipo: **TB**
*Body type: **TB***
Körper Typ: **TB**



Corpo tipo: **TBA**
*Body type: **TBA***
Körper Typ: **TBA**



Esempi di applicazione / *Examples of application* / Anwendungsbeispiele

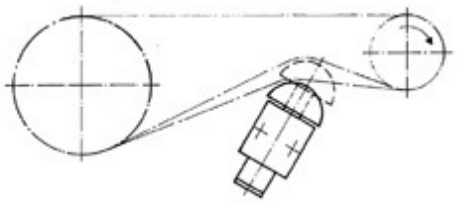


Fig. - Bild 1
Tendicatena - *Chain stretcher* - Kettenspanner

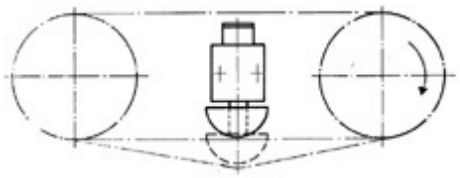


Fig. - Bild 2
Tendicatena interno - *Internal chain stretcher* - *Interner Kettenspanner*

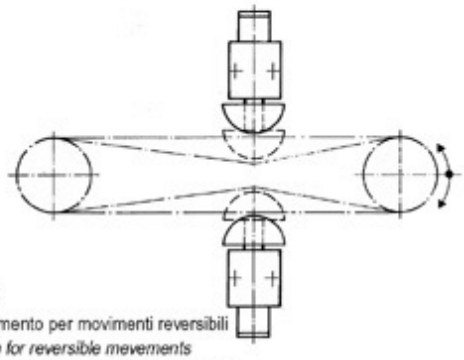


Fig. - Bild 3
Doppio tensionamento per movimenti reversibili
Double stetching for reversible mevements
Doppelte Spannung für umkehrbare Bewegungen

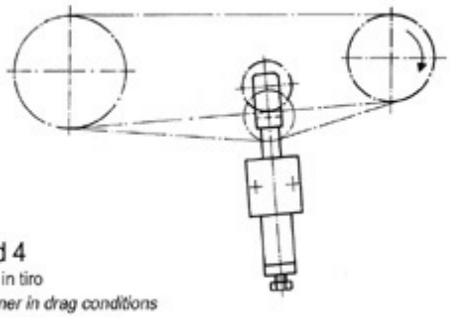


Fig. - Bild 4
Tendicatena in tiro
Chain tightener in drag conditions
Kettenspanner in Spannung

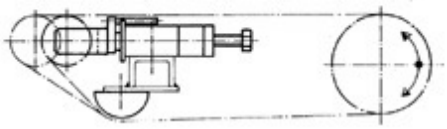


Fig. - Bild 5
Recupero automatico della catena direttamente sul pignone di rinvio
Automatic chain take-up operating directly on return pinion
Automatische Rückgewinnung der Kette auf dem Umlankritzel

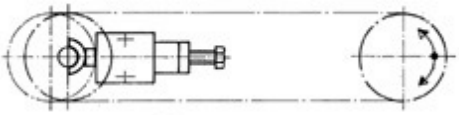


Fig. - Bild 6
Recupero automatico a mezzo albero condotto
Automatic take-up via drive shaft
Automatische Rückführung mittels gerührter Welle

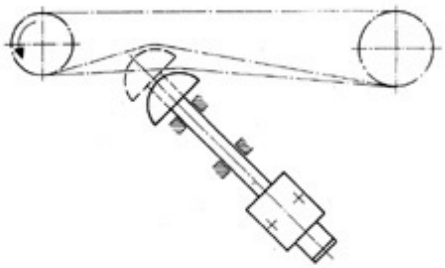


Fig. - Bild 7
Per spazi limitati fissaggio del TEN BLOC lontano dal punto di tensione
Where space is limited the TEN BLOC can be mounted some distance form the tension point
Bei beengtem Raum Befestigung des TEN BLOC in beträchtlicher Entfernung bom Spannungspunkt

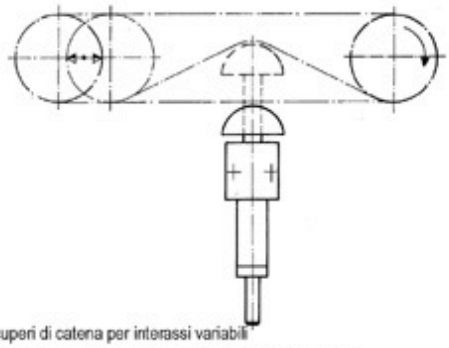


Fig. - Bild 8
TBCu - Elevati recuperi di catena per interassi variabili
TBCu - High take-up values where return-wheel axes are variable
TBCu - Wesentliche Rüchgewinnung von Kettenlänge bei verstellbaren Achsabständen

Esempi di applicazione / *Examples of application* / Anwendungsbeispiele

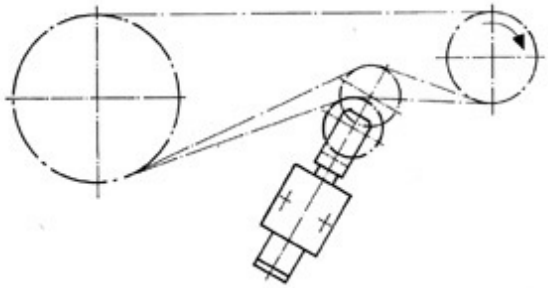


Fig. - Bild 9
Versione per alte velocità a mezzo pignone su cuscinetto
Version or use with high speeds, with pinon mounted on bearing
Ausführung für hohe Geschwindigkeiten mittels Ritzel auf Kugellager

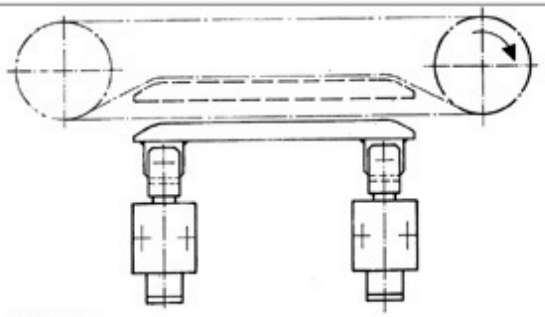


Fig. - Bild 10
Recupero catena con una pista bilanciata
Chain take-up with stretch of balanced track
Rückgewinnung von Kettenlänge mittels ausgewogener Andrückbahn

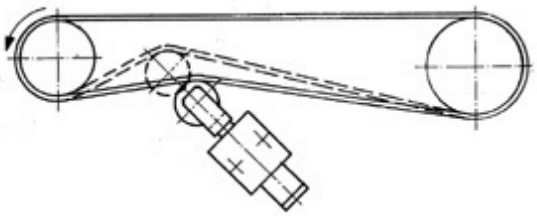


Fig. - Bild 11
Tendicinghia
Belt stretcher
Riemenspanner

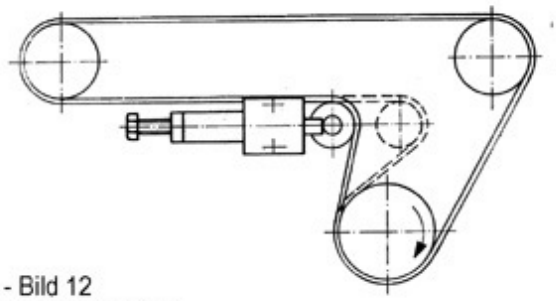


Fig. - Bild 12
Tensione usuale di un nastro
Normal tension for conveyors
Herkömmliche Bandspannung

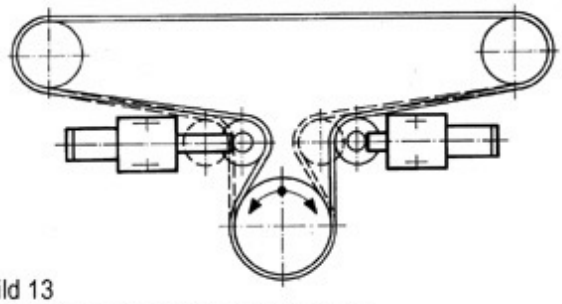


Fig. - Bild 13
Doppio gruppo di pressione per trasportatori a nastro o rete
Double pressure unit for conveyor belts or webs
Doppelte Anpreßvorrichtung für Bandförder oder Netzförderer

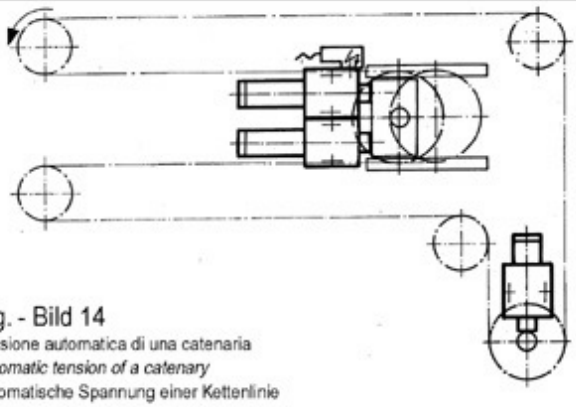


Fig. - Bild 14
Tensione automatica di una catenaria
Automatic tension of a catenary
Automatische Spannung einer Kettenlinie

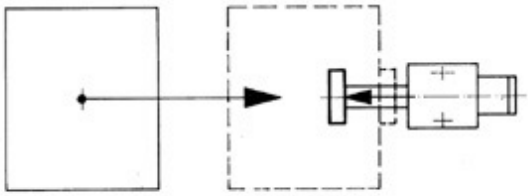


Fig. - Bild 15
Deceleratore
Decelerator
Verzögerer

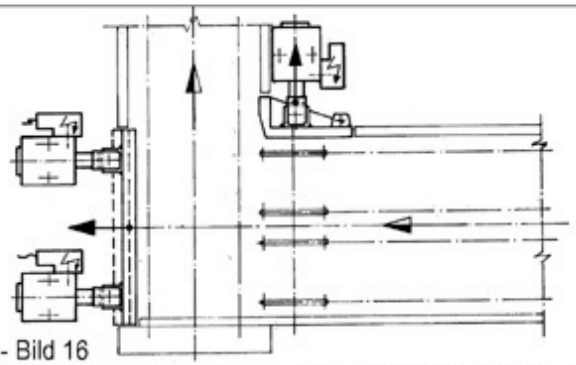


Fig. - Bild 16
Deceleratori con fine corsa elettrici "E"
Decelerator with trawel-end switch "E"
Verzögerer mit "E" elektrischem Endanschlag

Per ulteriori chiarimenti sulle applicazioni sopra schematizzate o per utilizzzi diversi siamo lieti d'essere a Vostra disposizione.
For further information on the applications shown above, of for any other kind of applications, do not hesitate to contact us.
Für weitere Erläuterungen hinsichtlich der oben schematisch dargestellten Abwendungsbeispiele oder für andersgeartete Verwendungszwecke stehen wir jederzeit gerne zu Ihrer Verfügung.