

## SISTEMA MODULARE PER CORSOI A GUIDE CILINDRICHE

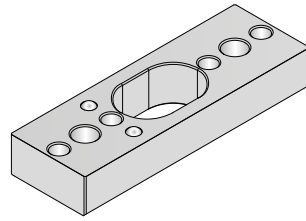


### CARATTERISTICHE

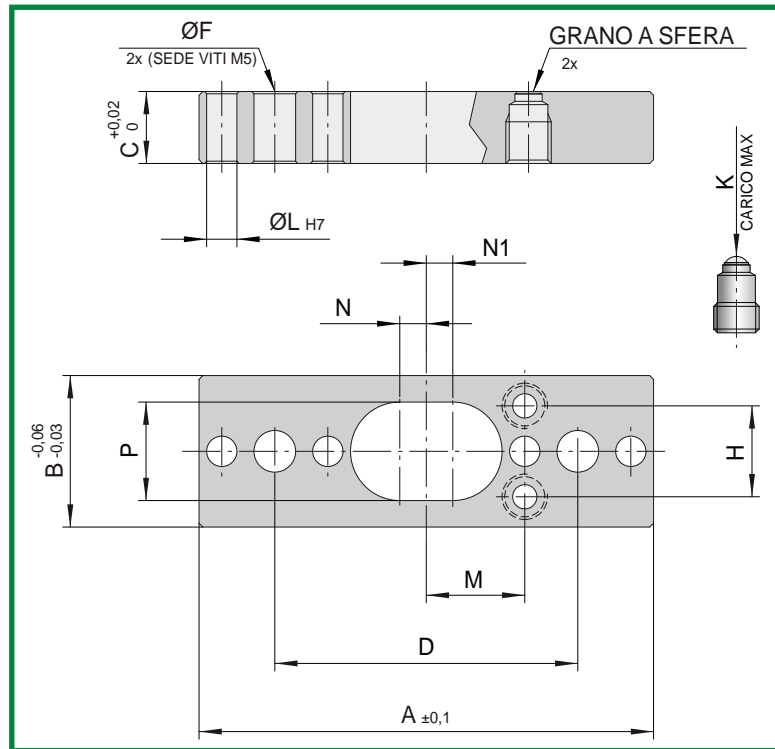
- 1) SISTEMA MODULARE IN GRADO DI COPRIRE QUALSIASI MISURA DA 20 A 220mm DI LARGHEZZA;
- 2) INGOMBRO RIDOTTO RISPETTO AL SISTEMA CLASSICO GRAZIE ALL'ASSENZA DELLE GUIDE LATERALI;
- 3) DISPONIBILITA' DI GUIDE PROLUNGATE SENZA LIMITI DI CORSA;
- 4) POSSIBILITA' DI APPLICARE DIRETTAMENTE ALLE GUIDE CILINDRICHE UNO SPECIALE RITENSORE TONDO PER IL BLOCCAGGIO DEL CORSOIO;
- 5) POSSIBILITA' DI APPLICARE UN CILINDRO IDRAULICO DIRETTAMENTE ALLE GUIDE CILINDRICHE EVITANDO LABORIOSE STRUTTURE DI SUPPORTO;
- 6) GRANI A SFERA PER FINECORSIA GIA' INCORPORATI NEI PIANI DI SCORRIMENTO DELLA SERIE 12.

N.B.: RIVESTIMENTO AUTOLUBRIFICANTE A RICHIESTA SUI PARTICOLARI GUIDE CILINDRICHE E PIANI DI SCORRIMENTO.

# PIANO DI SCORRIMENTO SERIE 12



COD.: **PS12..**

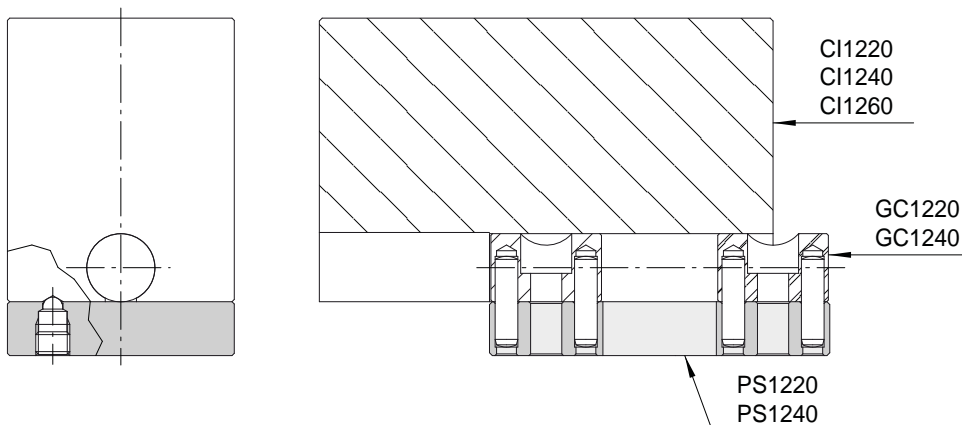


COD.	A	B	C	D	F	H	L	M	N	N1	P	K
PS1220	60	20	9,5	40	5,5	12	4	13	3,5	3,5	13	2Kg
PS1240	60	40	9,5	40	5,5	24	4	13	3,5	3,5	13	5Kg

Mat.: Acciaio al carbonio Durezza:430 HV05

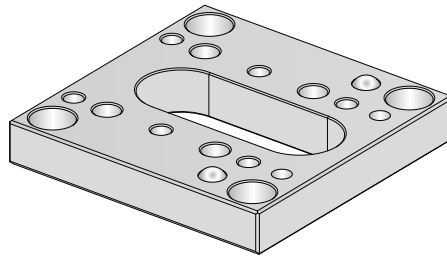
Nitrurato profondità 0,3mm.

Rivestimento autolubrificante a richiesta.

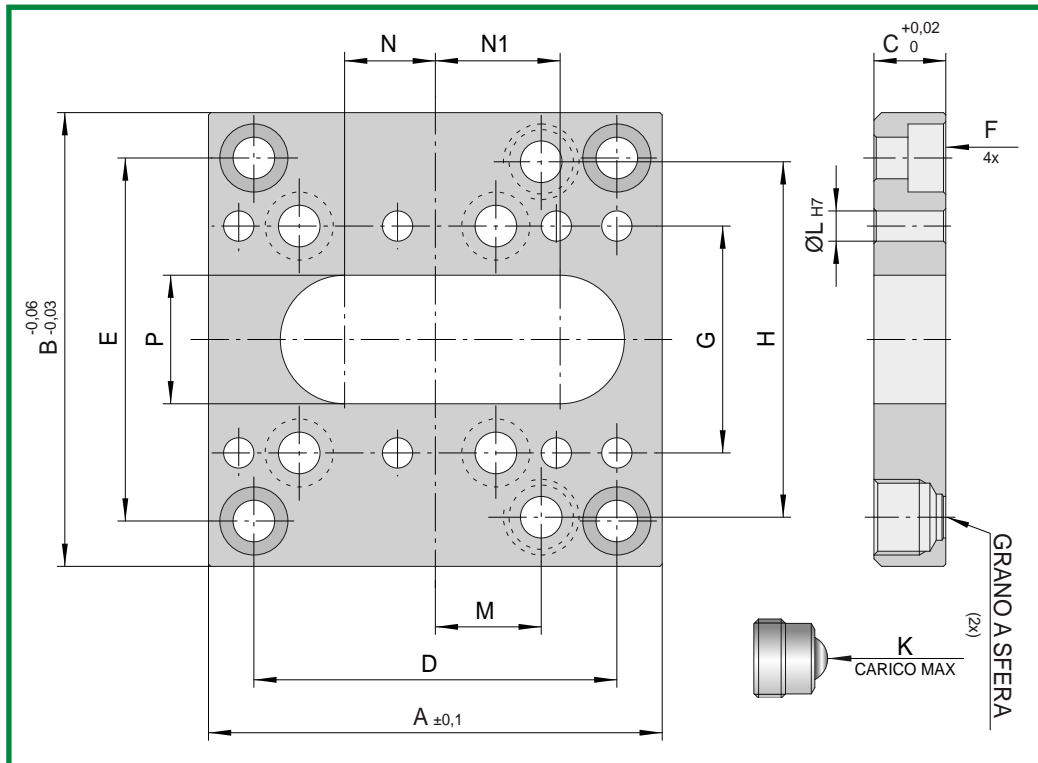


**ERMANN BALZI**

# PIANO DI SCORRIMENTO SERIE 12

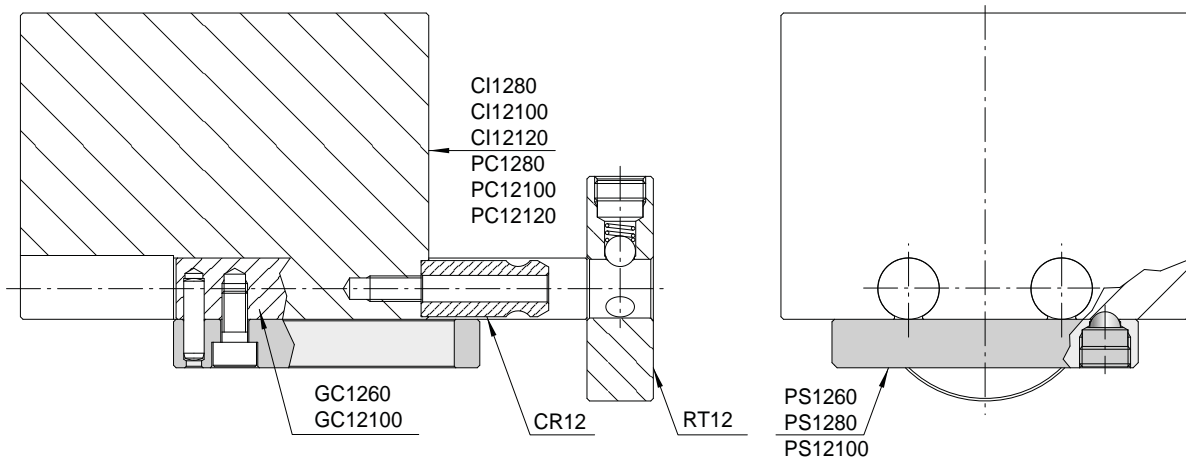


COD.: **PS12..**



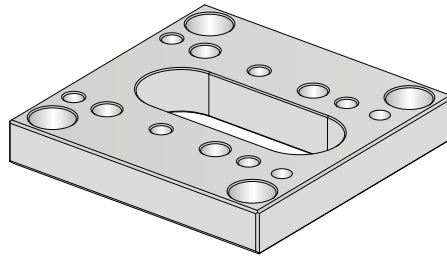
COD.	A	B	C	D	E	F	G	H	L	M	N	N1	P	K
PS1260	60	60	9,5	48	48	M5	30	47	4	14	12	16,5	17	5Kg
PS1280	60	80	9,5	48	68	M5	30	52	4	14	12	16,5	17	5Kg
PS12100	60	100	9,5	48	80	M5	30	60	4	14	12	16,5	17	5Kg

Mat.: Acciaio al carbonio Durezza:430 HV05  
Nitruato profondità 0,3mm.  
Rivestimento autolubrificante a richiesta.

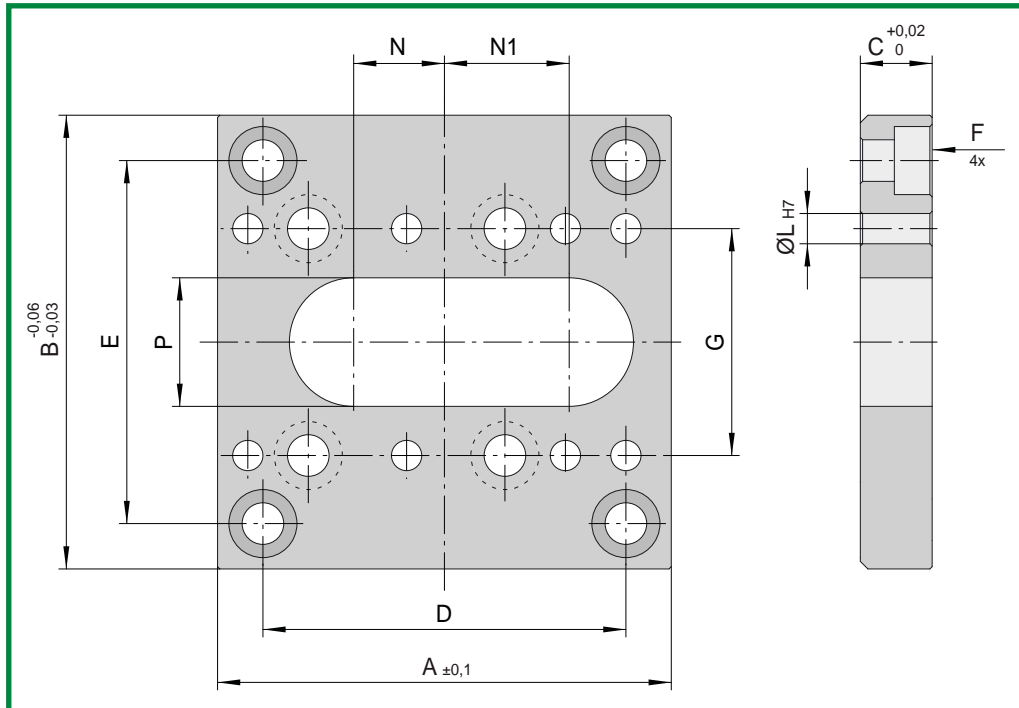


**ERMANN BALZI**

# PIANO DI SCORRIMENTO SERIE 20



COD.: **PS20..**

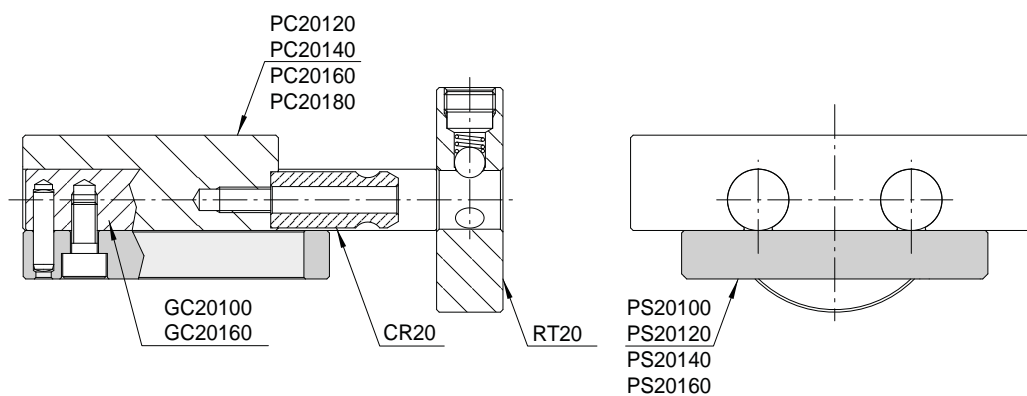


COD.	A	B	C	D	E	F	G	L	N	N1	P
PS20100	100	100	11,5	80	82	M8	48	8	23,5	27	27
PS20120	100	120	11,5	80	90	M8	48	8	23,5	27	27
PS20140	100	140	11,5	80	100	M8	48	8	23,5	27	27
PS20160	100	160	11,5	80	110	M8	48	8	23,5	27	27

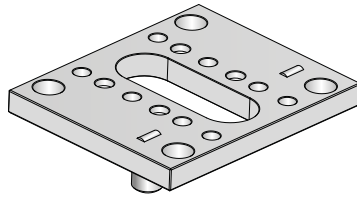
Mat.: Acciaio al carbonio Durezza:430 HV05

Nitrurato profondità 0,3mm.

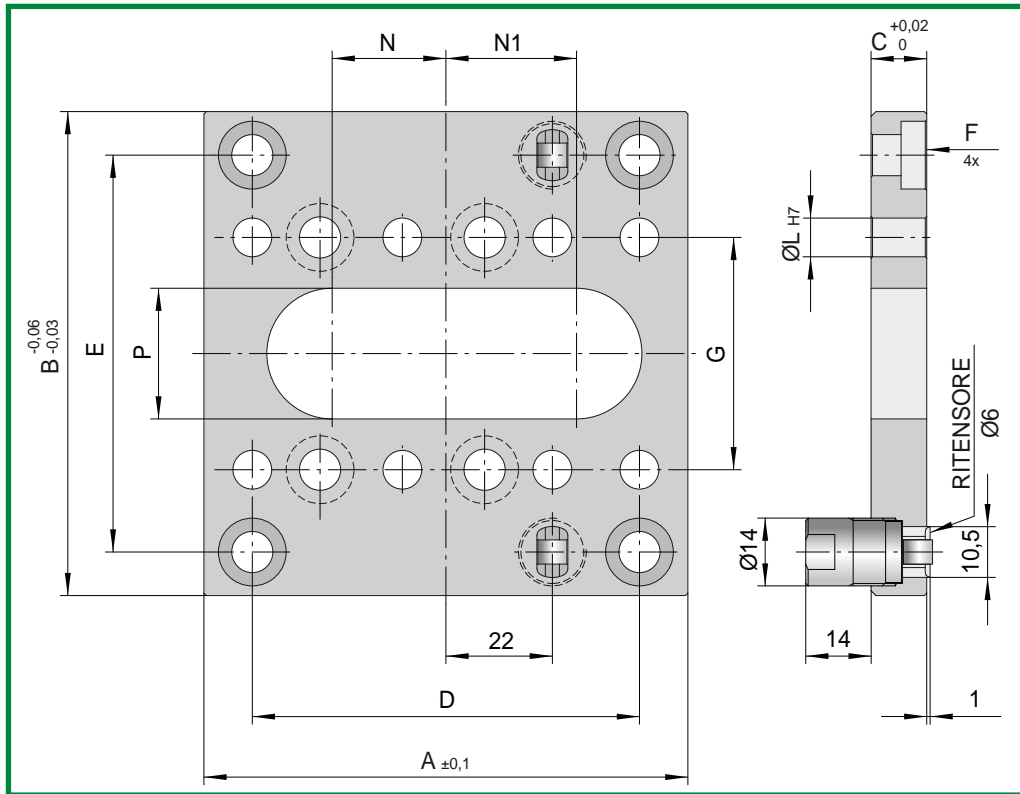
Rivestimento autolubrificante a richiesta.



# PIANO DI SCORRIMENTO CON RITENSORE A RULLINI SERIE 20



COD.: **PSR20..**



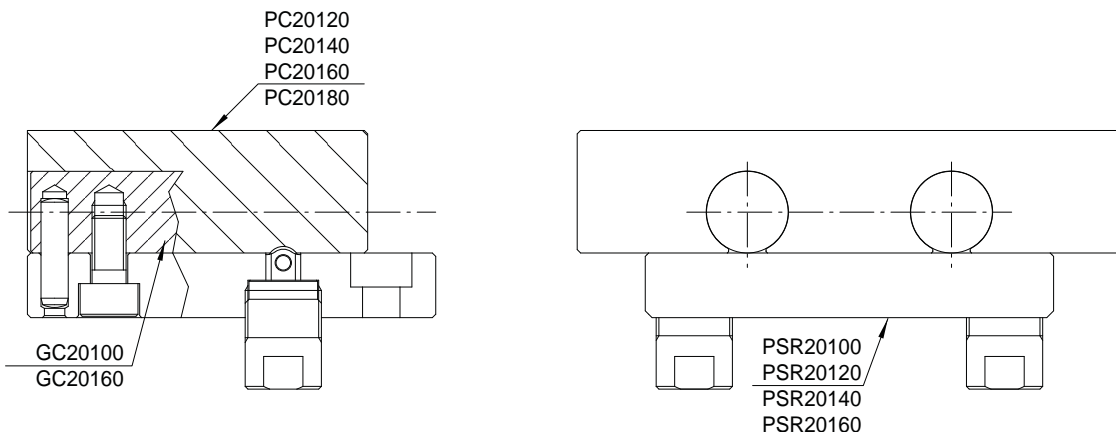
COD.	A	B	C	D	E	F	G	L	N	N1	P
PSR20100	100	100	11,5	80	82	M8	48	8	23,5	27	27
PSR20120	100	120	11,5	80	90	M8	48	8	23,5	27	27
PSR20140	100	140	11,5	80	100	M8	48	8	23,5	27	27
PSR20160	100	160	11,5	80	110	M8	48	8	23,5	27	27

Portata max 20 Kg.

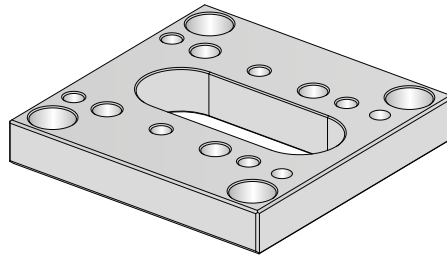
Mat.: Acciaio al carbonio Durezza:430 HV05

Nitrurato profondità 0,3mm.

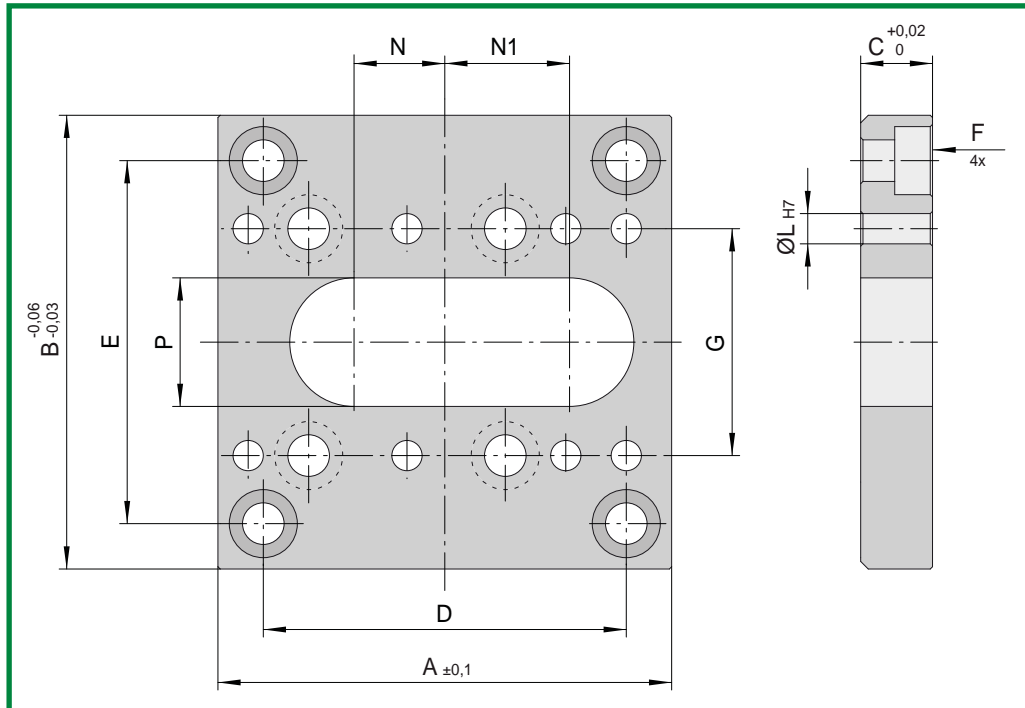
Rivestimento autolubrificante a richiesta.



# PIANO DI SCORRIMENTO SERIE 30

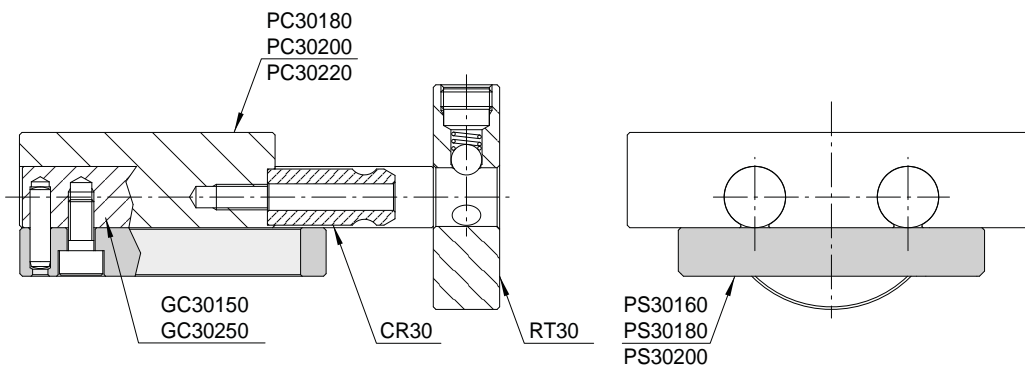


COD.: **PS30..**

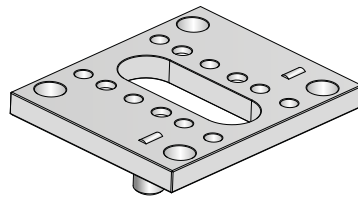


COD.	A	B	C	D	E	F	G	L	N	N1	P
PS30160	150	160	14,5	120	120	M10	64	10	45	49	34
PS30180	150	180	14,5	120	120	M10	64	10	45	49	34
PS30200	150	200	14,5	120	140	M10	64	10	45	49	34

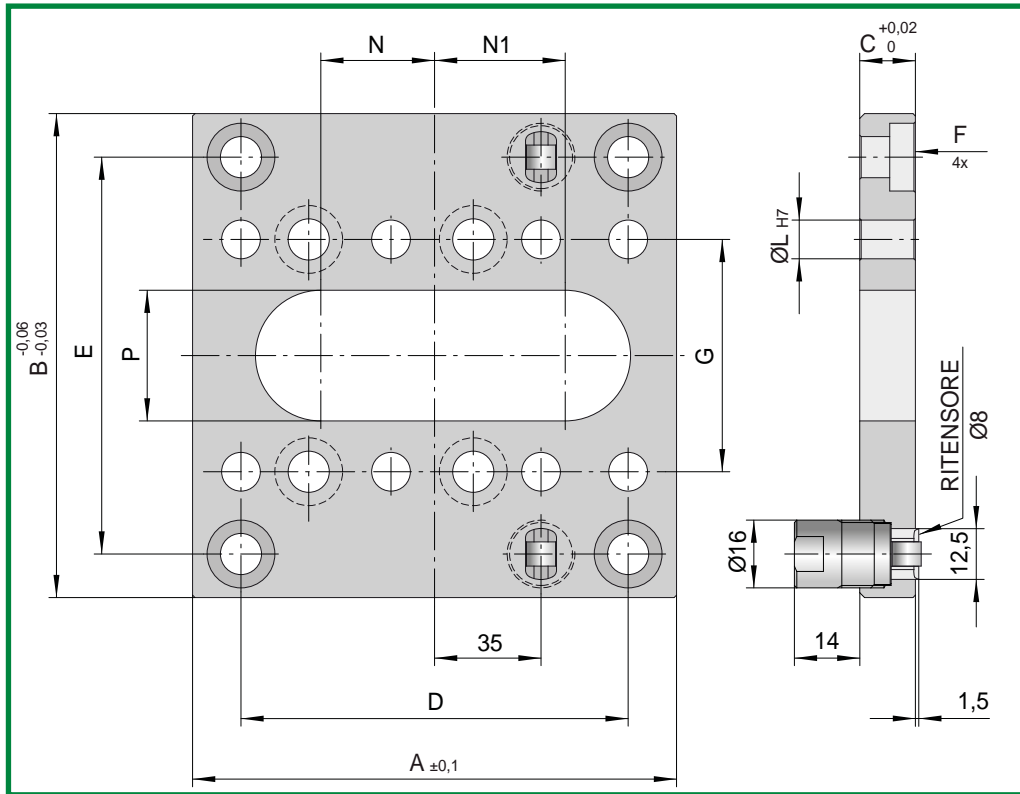
Mat.: Acciaio al carbonio Durezza:430 HV05  
Nitrurato profondità 0,3mm.  
Rivestimento autolubrificante a richiesta.



# PIANO DI SCORRIMENTO CON RITENSORE A RULLINI SERIE 30



COD.: **PSR30..**



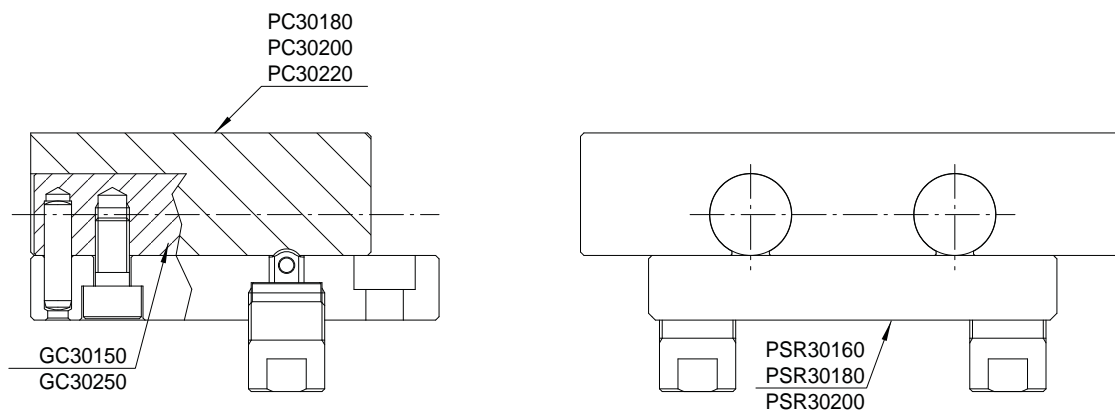
COD.	A	B	C	D	E	F	G	L	N	N1	P
PSR30160	150	160	14,5	120	120	M10	64	10	45	49	34
PSR30180	150	180	14,5	120	120	M10	64	10	45	49	34
PSR30200	150	200	14,5	120	140	M10	64	10	45	49	34

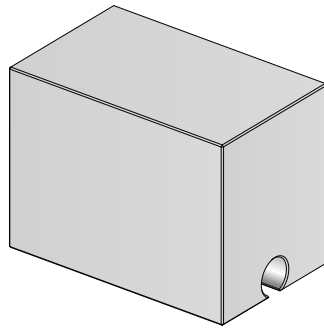
Portata max 40 Kg.

Mat.: Acciaio al carbonio Durezza:430 HV05

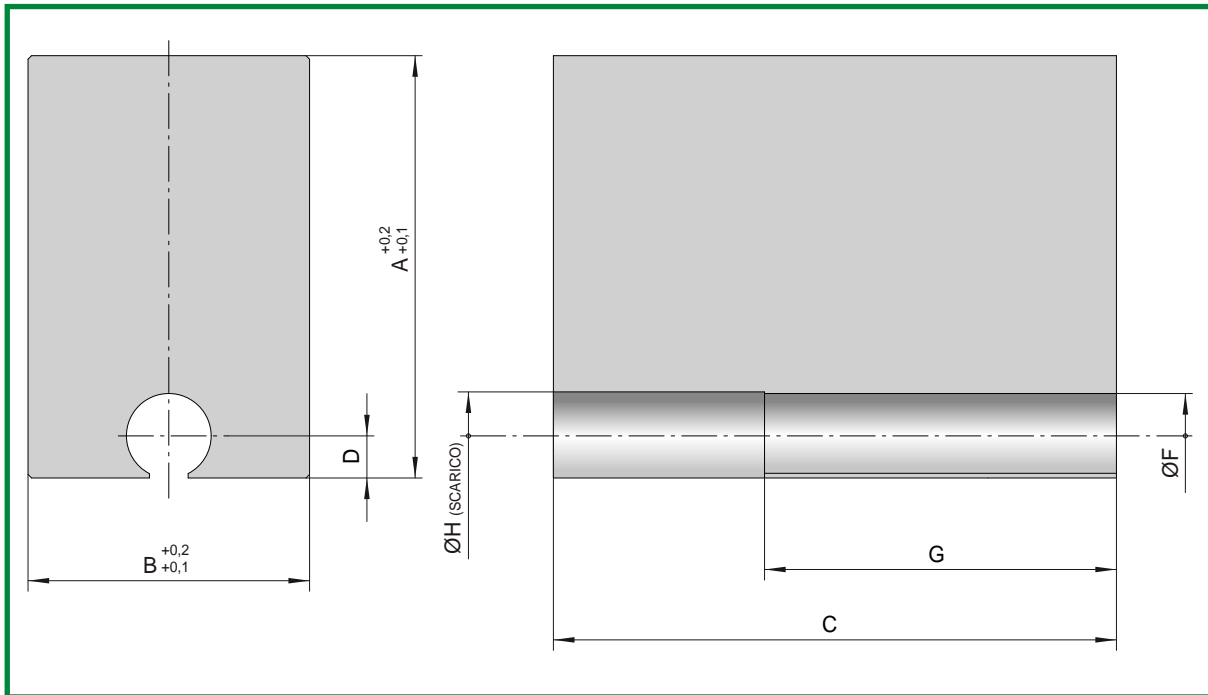
Nitruato profondità 0,3mm.

Rivestimento autolubrificante a richiesta.





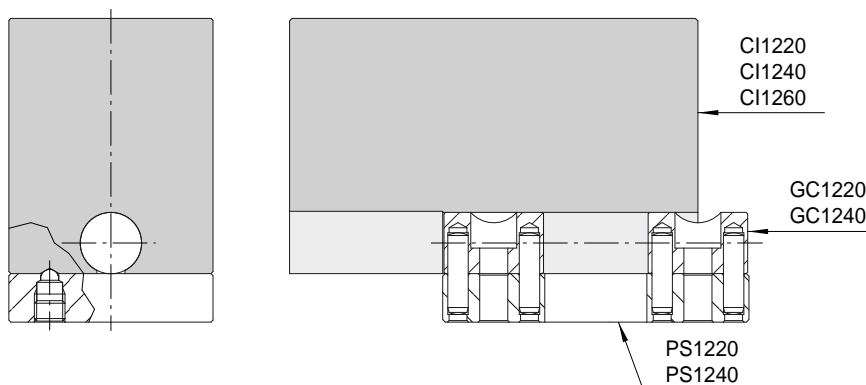
COD.: **CI12..**



COD.	A	B	C	D	F	G	H
CI1220	60	20	80	6	12	50	12,5
CI1240	60	40	80	6	12	50	12,5
CI1260	60	60	80	6	12	50	12,5

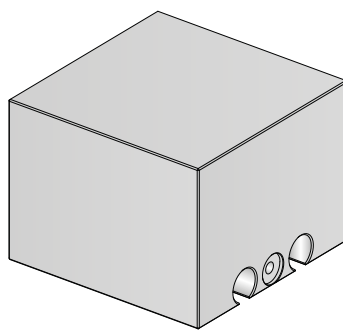
Mat.: 2311

Durezza: 1000÷1100 N/mm<sup>2</sup> (33 HRC)

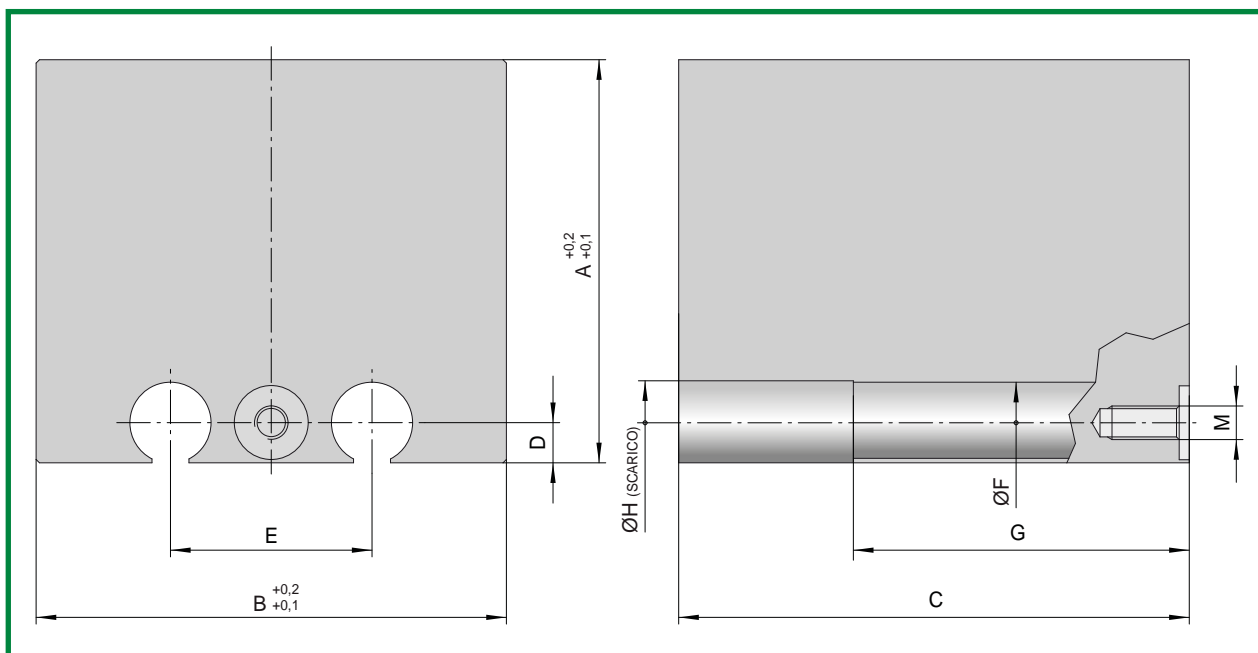




# CORSOIO INTEGRALE SERIE 12



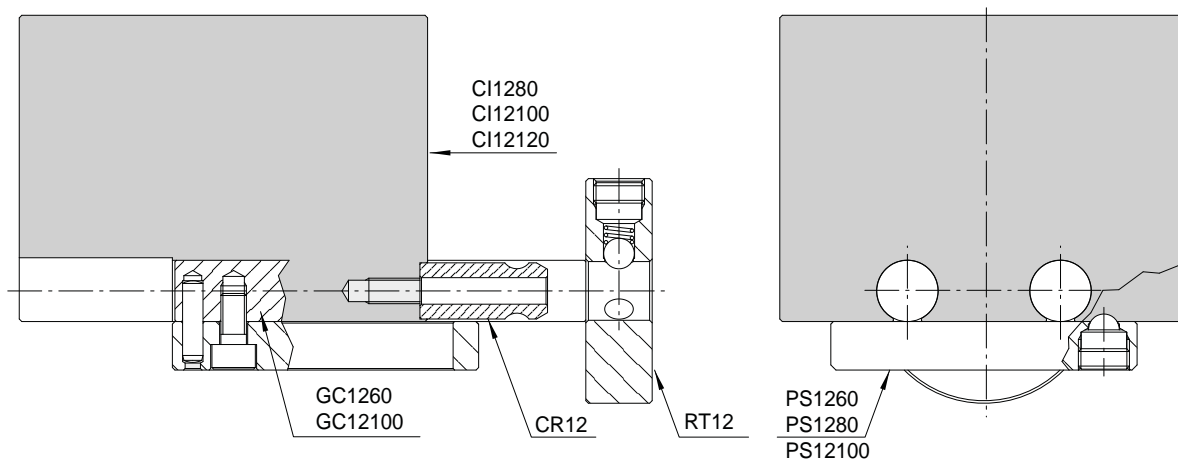
COD.: **CI12..**



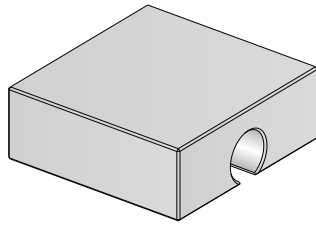
COD.	A	B	C	D	E	F	G	H	M
CI1280	60	80	80	6	30	12	50	12,5	M5
CI12100	60	100	80	6	30	12	50	12,5	M5
CI12120	60	120	80	6	30	12	50	12,5	M5

Mat.: 2311

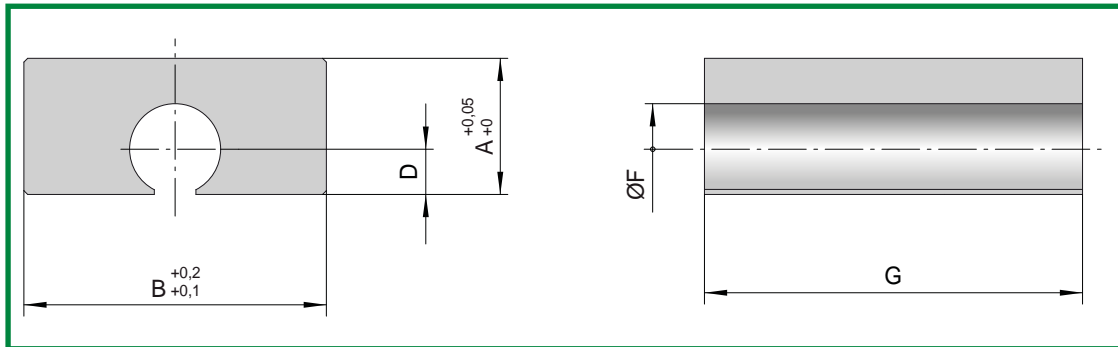
Durezza: 1000÷1100 N/mm<sup>2</sup> (33 HRC)



**ERMANN BALZI**



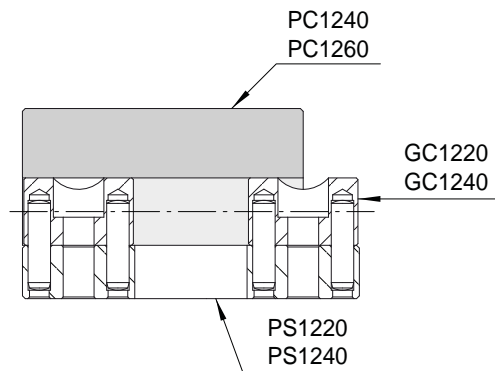
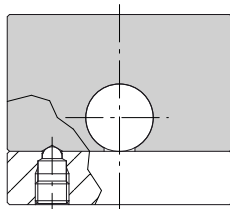
COD.: **PC12..**



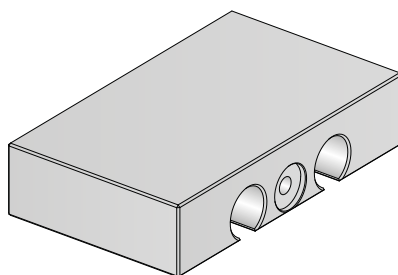
COD.	A	B	D	F	G
PC1240	18	40	6	12	48
PC1260	18	60	6	12	48

Mat.: 2311

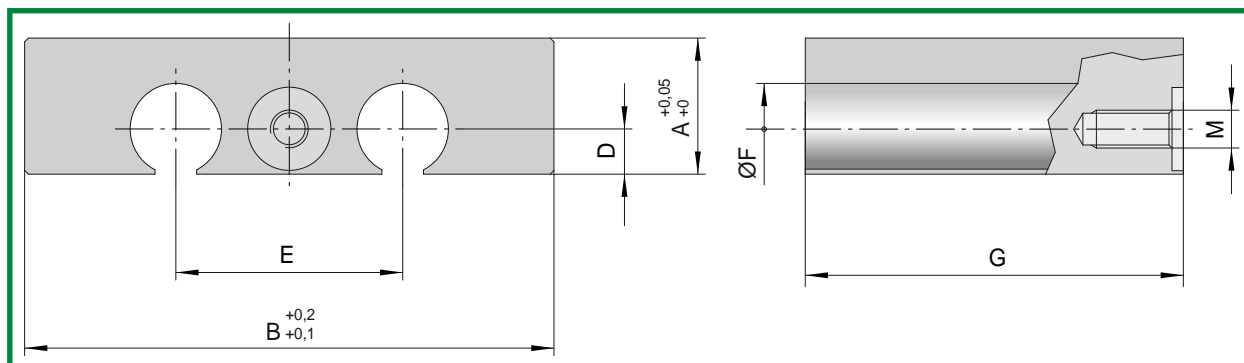
Durezza: 1000÷1100 N/mm<sup>2</sup> (33 HRC)



# PORTA CORSOIO SERIE 12



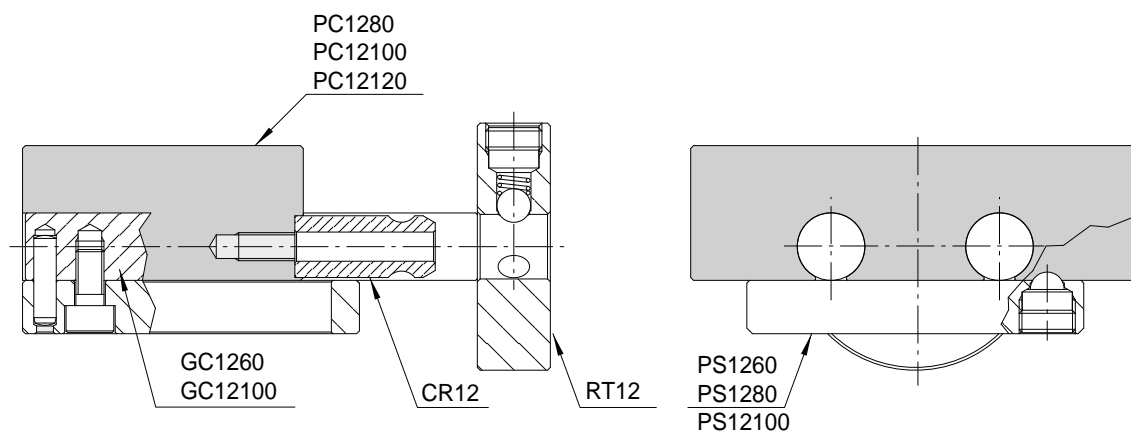
COD.: **PC12..**

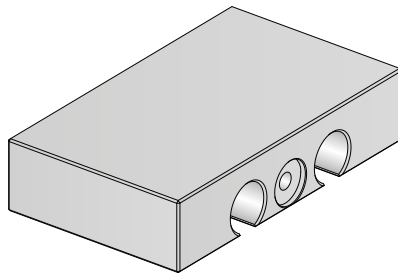


COD.	A	B	D	E	F	G	M
PC1280	18	80	6	30	12	48	M5
PC12100	18	100	6	30	12	48	M5
PC12120	18	120	6	30	12	48	M5

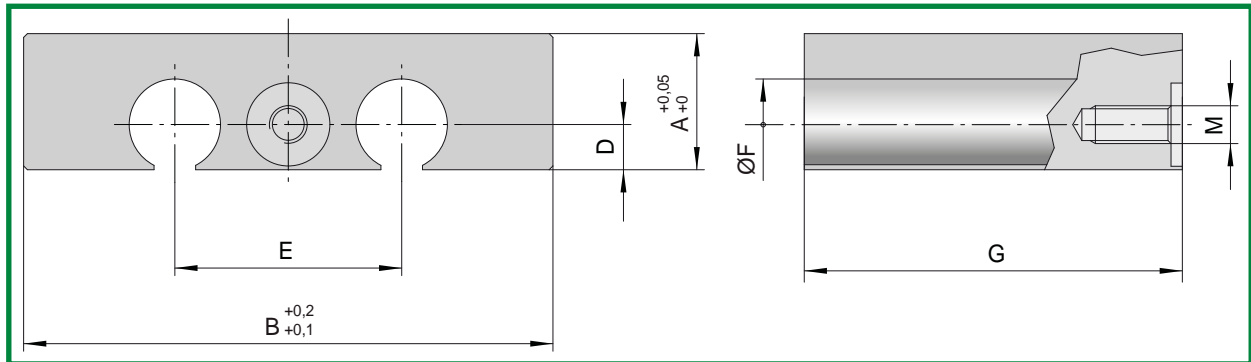
Mat.: 2311

Durezza: 1000÷1100 N/mm<sup>2</sup> (33 HRC)





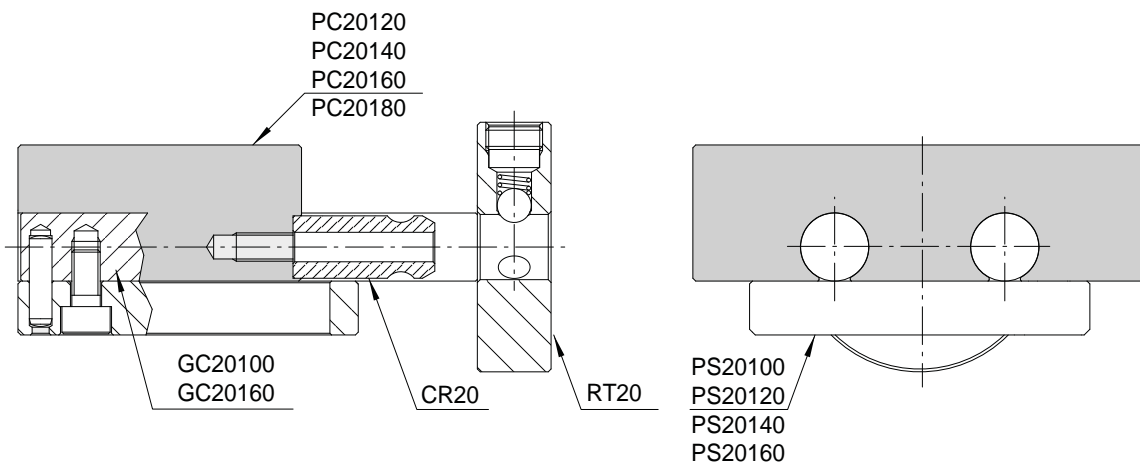
COD.: **PC20..**



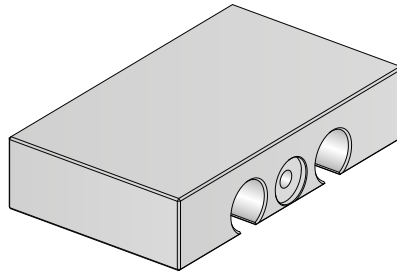
COD.	A	B	D	E	F	G	M
PC20120	28	120	10	48	20	78	M8
PC20140	28	140	10	48	20	78	M8
PC20160	28	160	10	48	20	78	M8
PC20180	28	180	10	48	20	78	M8

Mat.: 2311

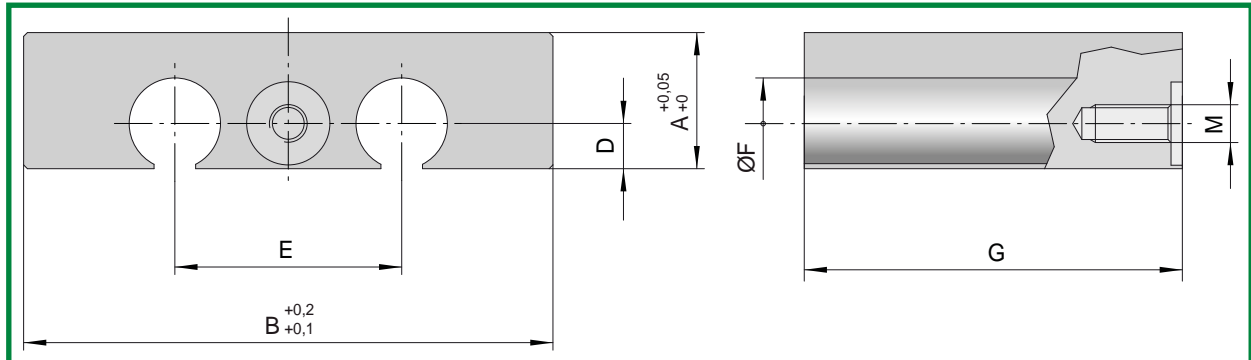
Durezza: 1000÷1100 N/mm<sup>2</sup> (33 HRC)



# PORTA CORSOIO SERIE 30



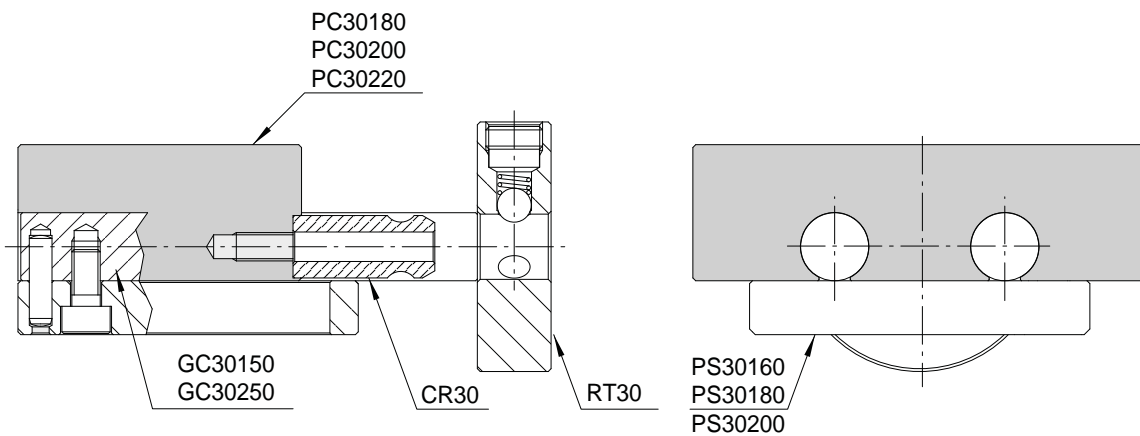
COD.: **PC30..**

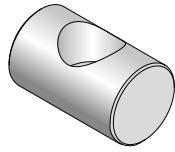


COD.	A	B	D	E	F	G	M
PC30180	48	180	15	64	30	118	M10
PC30200	48	200	15	64	30	118	M10
PC30220	48	220	15	64	30	118	M10

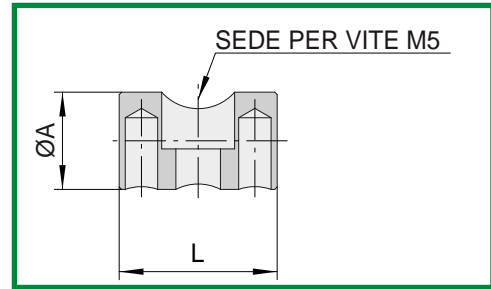
Mat.: 2311

Durezza: 1000÷1100 N/mm<sup>2</sup> (33 HRC)



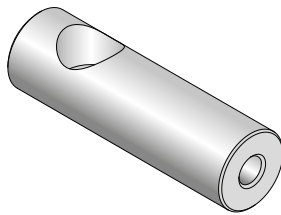


COD.: **GC1220**

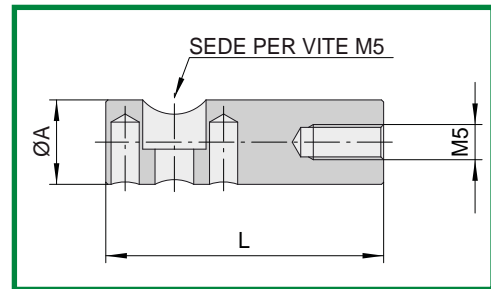


COD.	A	L
GC1220	12	20

Mat.: 7225. Durezza:670 HV05  
Nitruato profondità 0,3mm.  
Rivestimento autolubrificante a richiesta.



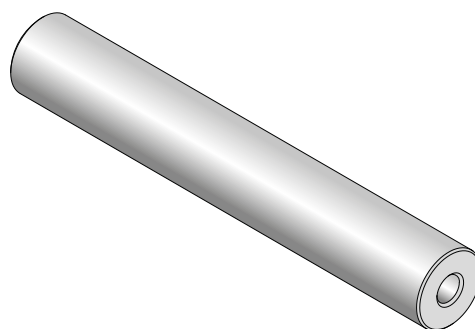
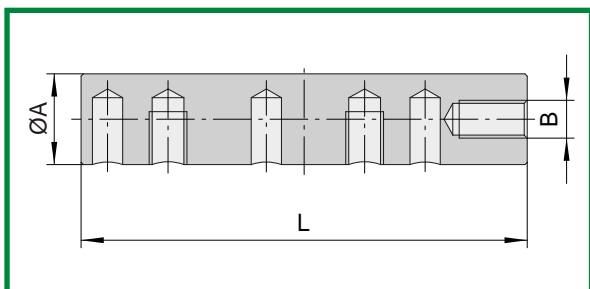
COD.: **GC1240**



COD.	A	L
GC1240	12	40

Mat.: 7225. Durezza:670 HV05  
Nitruato profondità 0,3mm.  
Rivestimento autolubrificante a richiesta.

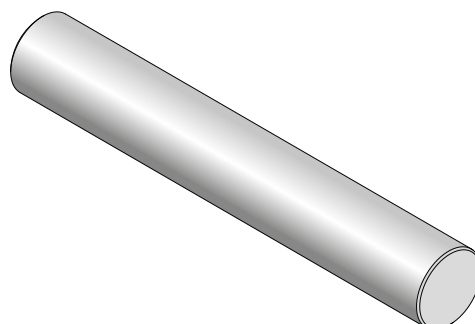
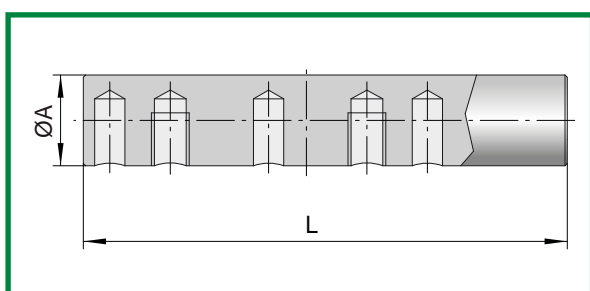
# GUIDE CILINDRICHE SERIE 12-20-30



COD.: **GC..**

COD.	A	B	L
GC1260	12	M5	60
GC20100	20	M8	100
GC30150	30	M10	150

Mat.: 7225. Durezza:670 HV05  
Nitruato profondità 0,3mm.  
Rivestimento autolubrificante a richiesta.  
Su richiesta si eseguono lunghezze speciali.

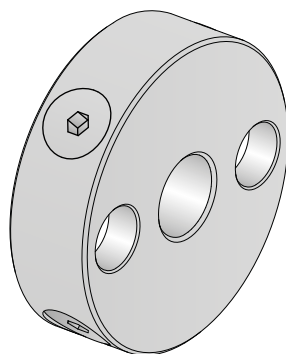


COD.: **GC..**

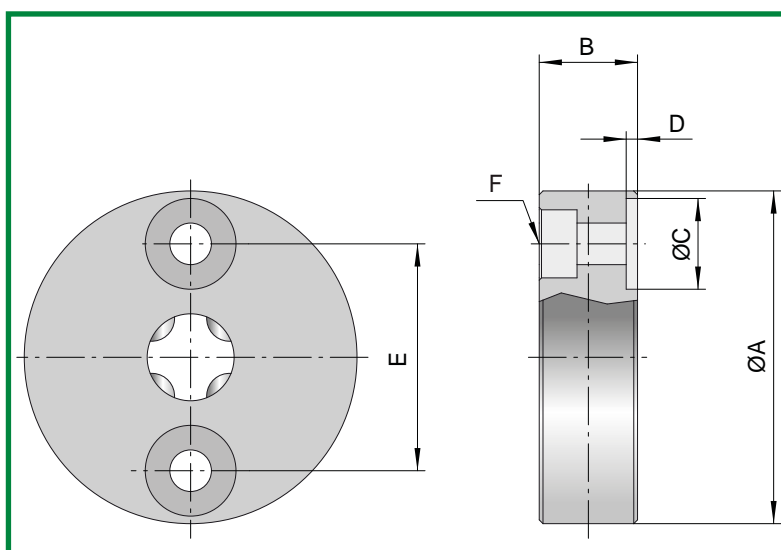
COD.	A	L
GC12100	12	100
GC20160	20	160
GC30250	30	250

Mat.: 7225. Durezza:670 HV05  
Nitruato profondità 0,3mm.  
Rivestimento autolubrificante a richiesta.  
Su richiesta si eseguono lunghezze speciali.

# RITENSORE TONDO SERIE 12-20-30



COD.: **RT..**



COD.	A	B	C	D	E	F	LOAD
RT12	44	13	12	1,5	30	M5	10 Kg
RT20	74	18	20	2	48	M8	20 Kg
RT30	98	20	30	2,5	64	M10	40 Kg

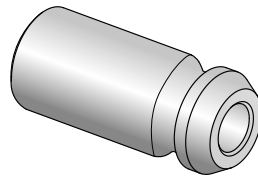
Mat.: 7225

Durezza: 800 N/mm<sup>2</sup> (21,7 HRC)

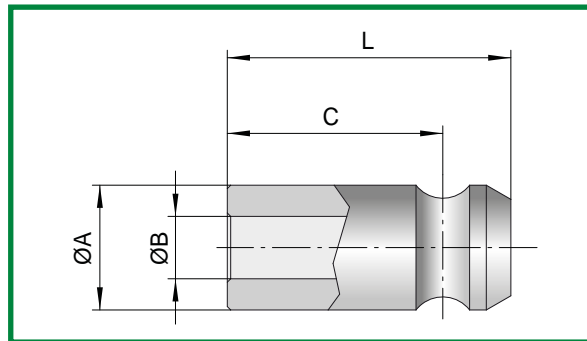
Nitrurato profondità 0,1mm.



# CODOLO RITENSORE SERIE 12-20-30



COD.: **CR..**

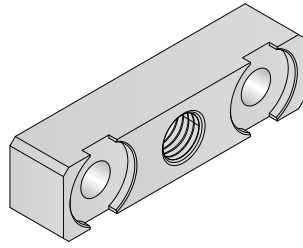


COD.	A	B	C	L
CR12	11	5,5	19	25
CR20	17	8,5	32	42
CR30	24	10,5	49,5	62,5

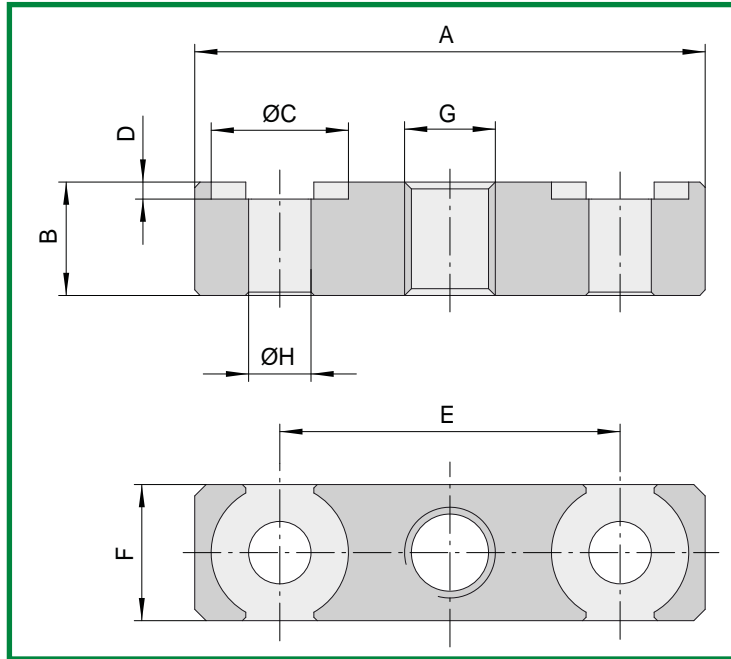
Mat.: 7225

Durezza: 670 HV05

Nitrurato profondità 0,3mm.



COD.: **PBC**



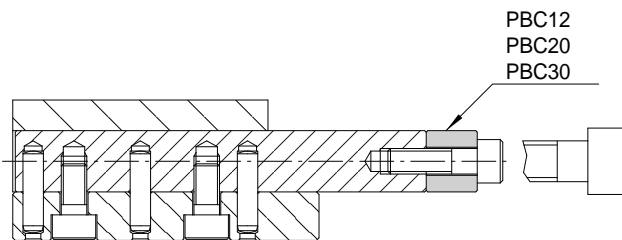
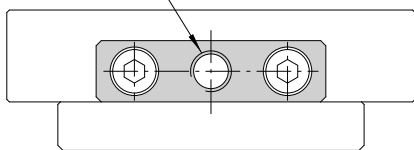
COD.	A	B	C	D	E	F	G	H
PBC12	45	10	12	1,5	30	12	M8	5,5
PBC20	75	15	20	2	48	20	M10	8,5
PBC30	100	20	30	2,5	64	30	M12	10,5

Mat.: 1191

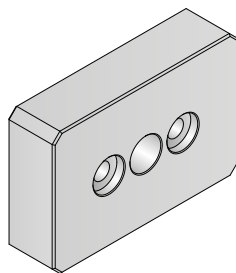
Durezza: 750 N/mm<sup>2</sup> (220 HB)

Nitruato profondità 0,1mm.

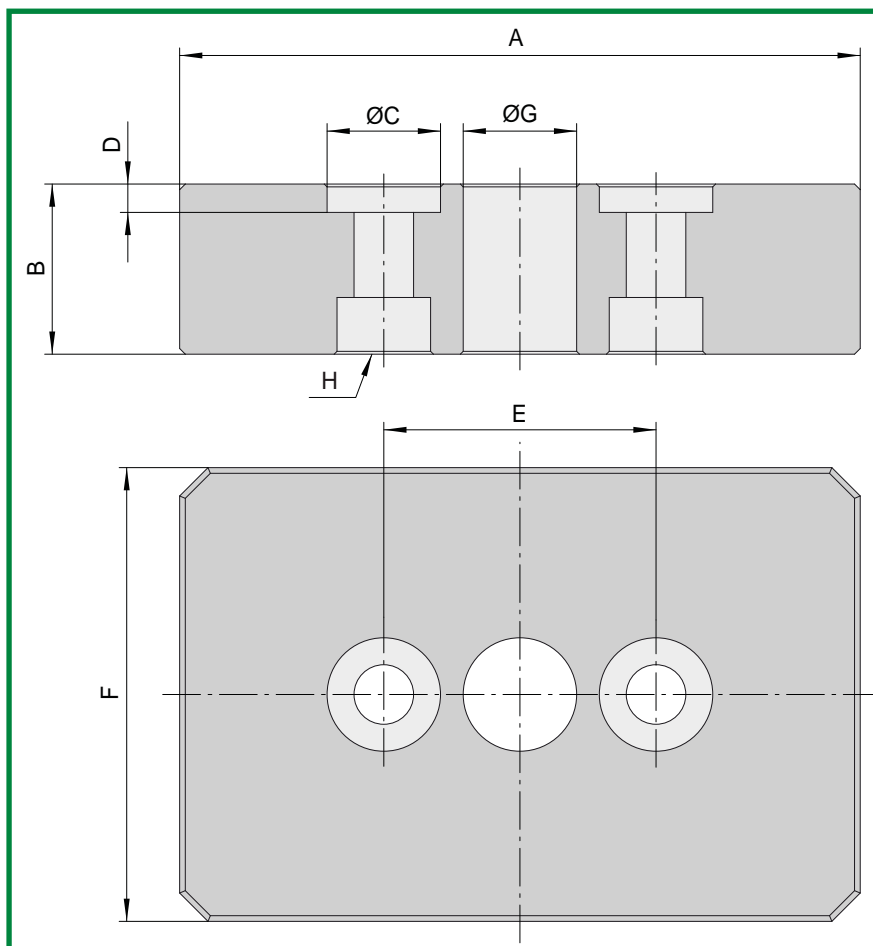
SEAT FOR BLOCKING  
SCREW



# FLANGIA SUPPORTO CILINDRO SERIE 20-30



COD.: **FS..**

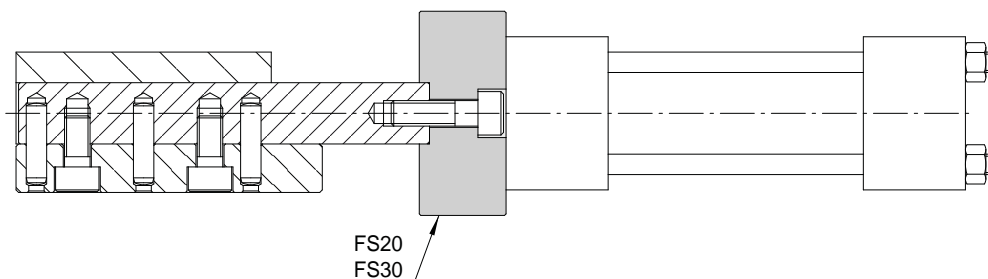


COD.	A	B	C	D	E	F	G	H
FS20	120	30	20	5	48	80	20	M10
FS30	150	40	30	6	64	90	20	M12

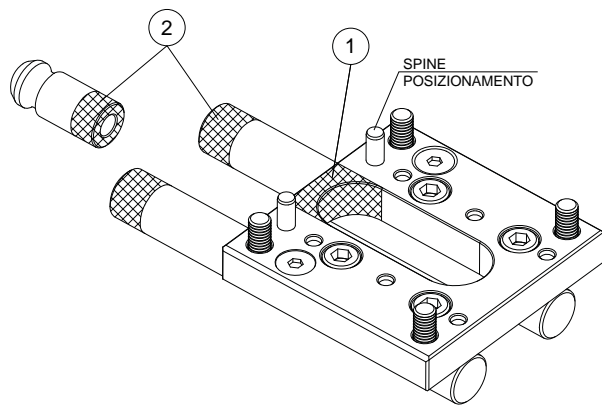
Mat.: 1191

Durezza: 750 N/mm<sup>2</sup> (220 HB)

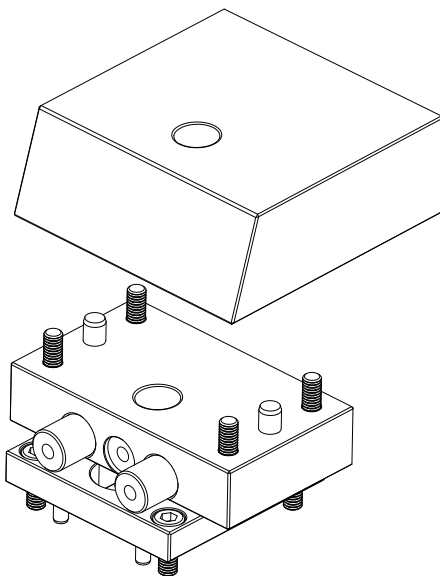
Nitruato profondità 0,1mm.



**ERMANN BALZI**

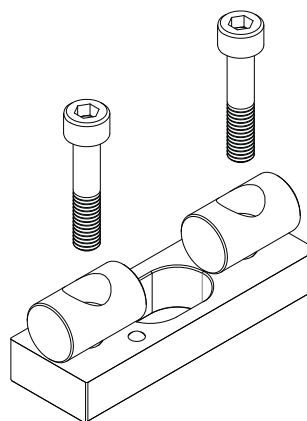


1. In caso di necessità è possibile modificare l'asola del piano di scorrimento **PS..** (vedi fig. 1). N.B.: in questo caso è importante utilizzare le spine di posizionamento per mantenere la geometria del particolare e garantire un corretto funzionamento.
2. Le guide prolungate e il codolo possono essere facilmente accorciati a seconda delle necessità (vedi fig.2).

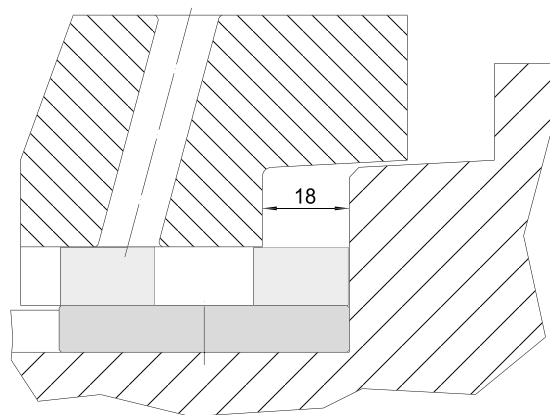


Il porta corsoio **PC..** funge da supporto per l'applicazione della parte stampante laddove non sia disponibile il corsoio integrale o sia necessario un materiale diverso da quello proposto.

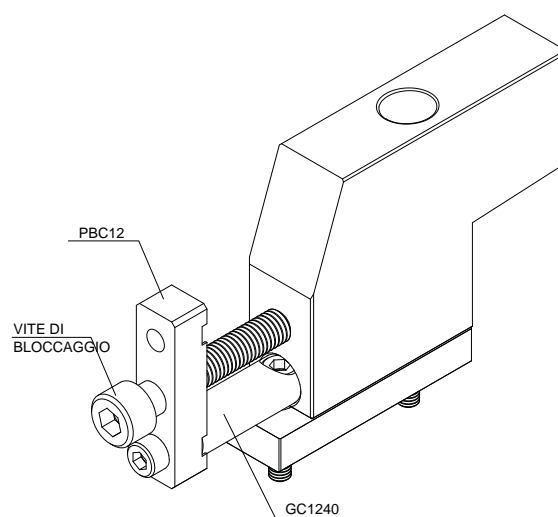
1) Nei corsoi con una sola guida il fissaggio avviene come indicato in figura.

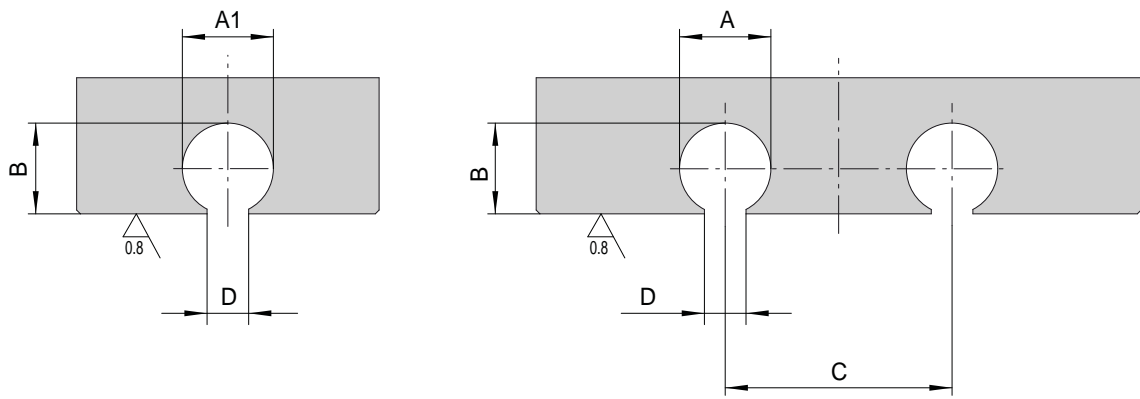


2) Considerata la conformazione di questo corsoio se ne consiglia l'impiego per una corsa massima di 18mm.



3) La piastrina blocca corsoio **PBC12** può essere usata anche per il fissaggio dei corsoi ad una sola colonna (vedi fig.). N.B.: per tale utilizzo è necessario applicare momentaneamente la guida cilindrica prolungata **GC1240**.





COD.	A	A1	B	C	D
12	12,08 $\begin{smallmatrix} +0,02 \\ 0 \end{smallmatrix}$	12,04 $\begin{smallmatrix} +0,02 \\ 0 \end{smallmatrix}$	12 $\begin{smallmatrix} +0,04 \\ +0,02 \end{smallmatrix}$	30	5,5 $\pm 0,1$
20	20,10 $\begin{smallmatrix} +0,05 \\ 0 \end{smallmatrix}$		20 $\begin{smallmatrix} +0,04 \\ +0,02 \end{smallmatrix}$	48	8,5 $\pm 0,1$
30	30,15 $\begin{smallmatrix} +0,05 \\ 0 \end{smallmatrix}$		30 $\begin{smallmatrix} +0,04 \\ +0,02 \end{smallmatrix}$	64	10,5 $\pm 0,1$