



# WEEN HIDE 180

## GRUPPO CERNIERE ANTA RIBALTA



Kit cerniere a scomparsa per A/R | Concealed hinge kit for T&T |  
Kit paumelles invisibles por O/B | Kit bisagras ocultas para O/B



Leve, pioli, camme e supporto angolare telaio in acciaio inox, corpo di regolazione in zama. Portata massima 130kg - 150kg in abbinamento a 3310.51 - 180kg in abbinamento a 3310.50+1211 (con apertura limitata 90°)



Levers, pins, cams, and frame angle support in stainless steel, adjustment body in zamak. Maximum load 130kg - 150kg when combined with 3310.51 - 180kg when combined with 3310.50+1211 (with limited opening 90°)



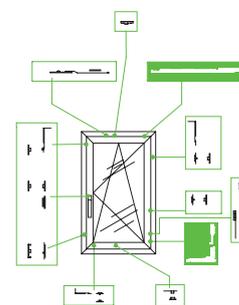
Leviers, goupilles, cammes et support d'angle de cadre en acier inoxydable, corps de réglage en zamak. Charge maximale 130 kg - 150 kg en combinaison avec 3310.51 - 180 kg en combinaison avec 3310.50+1211 (avec ouverture limitée à 90°)



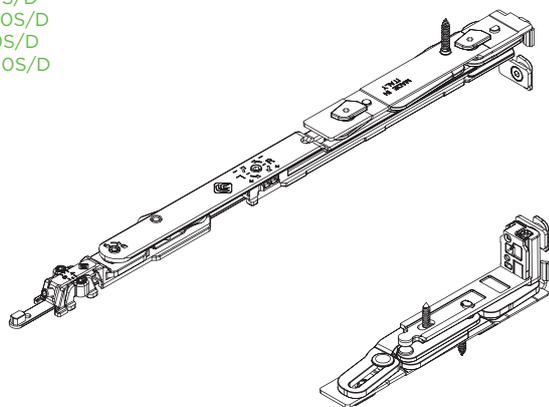
Palancas, pasadores, levas y soporte angular del marco en acero inoxidable, cuerpo de regulación en zamak. Carga máxima 130 kg - 150 kg cuando se combina con 3310.51 - 180 kg cuando se combina con 3310.50+1211 (con apertura limitada a 90°)



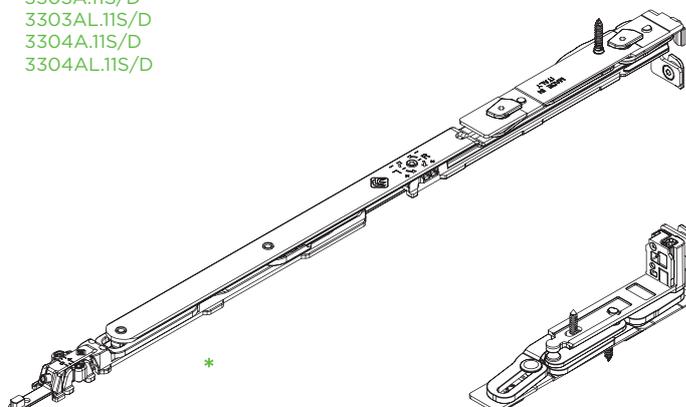
| ART.  | TUTTI   ALL  |   |   |   |   |
|---|--|---|---|---|---|
| Imballo   Package   Conditionnement   Embalaje  | 5 Pz   |   |   |   |   |
| Finiture disponibili   Available finishes<br>Finitions disponibles   Acabados disponibles | <table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> | 1 | 2 | 3 | 4 |
| 1   | 2  | 3 | 4 |   |   |



3303A.10S/D  
3303AL.10S/D  
3304A.10S/D  
3304AL.10S/D



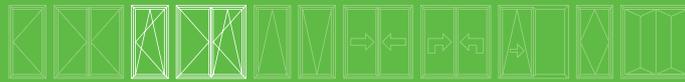
3303A.11S/D  
3303AL.11S/D  
3304A.11S/D  
3304AL.11S/D



| ART.                         | DESCRIZIONE<br>DESCRIPTION                            | TIPO<br>TYPE               |
|------------------------------|---|----------------------------|
| 3303A.10S/D<br>3304A.10S/D   | L anta da 470mm a 670mm<br>L sash from 470mm to 670mm | Standard                   |
| 3303AL.10S/D<br>3304AL.10S/D | L anta da 470mm a 670mm<br>L sash from 470mm to 670mm | Logica<br>Tilt before turn |

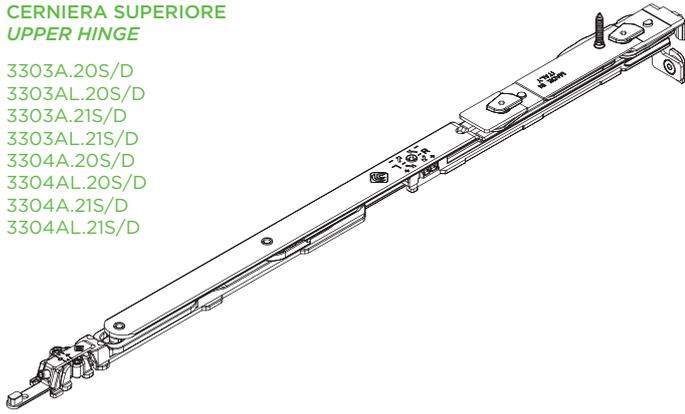
| ART.                         | DESCRIZIONE<br>DESCRIPTION                              | TIPO<br>TYPE               |
|------------------------------|---|----------------------------|
| 3303A.11S/D<br>3304A.11S/D   | L anta da 671mm a 1700mm<br>L sash from 671mm to 1700mm | Standard                   |
| 3303AL.11S/D<br>3304AL.11S/D | L anta da 671mm a 1700mm<br>L sash from 671mm to 1700mm | Logica<br>Tilt before turn |

| Art.                        | NODO   SECTION | TIPO   TYPE                |
|-----------------------------|----------------|----------------------------|
| 3303A.10S/D   3303A.11S/D   | A03            | Standard                   |
| 3303AL.10S/D   33053A.11S/D |                | Logica<br>Tilt before turn |
| 3304A.10S/D   3304A.11S/D   | A01 - A05      | Standard                   |
| 3304AL.10S/D   3304AL.11S/D |                | Logica<br>Tilt before turn |

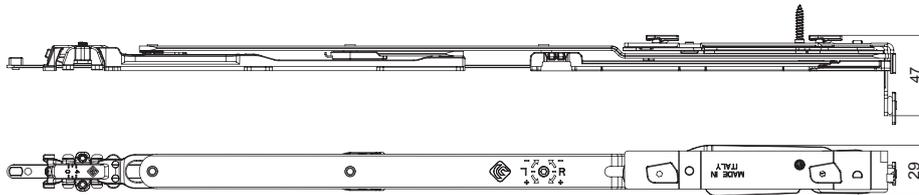
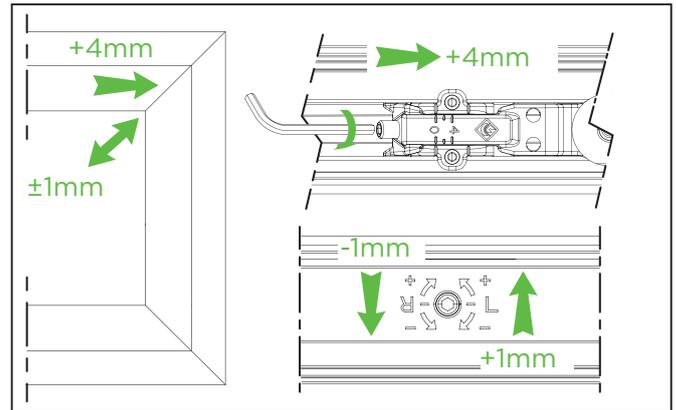


**CERNIERA SUPERIORE  
UPPER HINGE**

3303A.20S/D  
3303AL.20S/D  
3303A.21S/D  
3303AL.21S/D  
3304A.20S/D  
3304AL.20S/D  
3304A.21S/D  
3304AL.21S/D



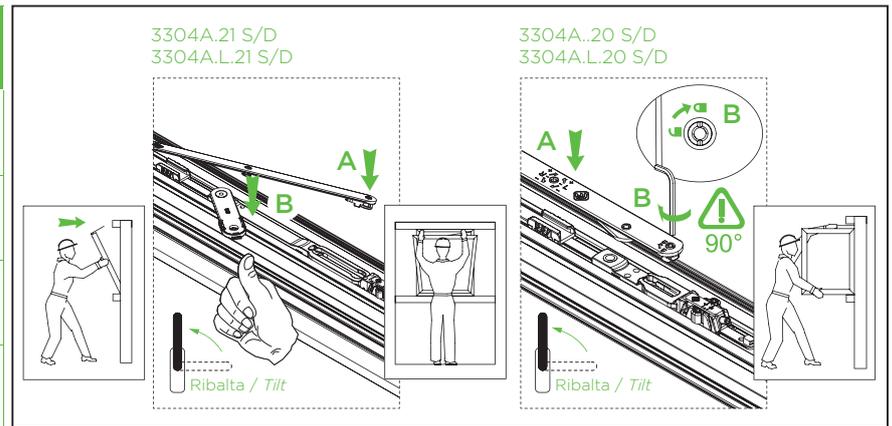
REGOLAZIONI | ADJUSTEMENT



| Art.   | NODO   SECTION |
|--|----------------|
| 3303A.20S/D   3303AL.20S/D<br>3303A.21S/D   3303AL.21S/D | A03            |
| 3304A.20S/D   3304AL.20S/D<br>3304A.21S/D   3304AL.21S/D | A01 - A05      |

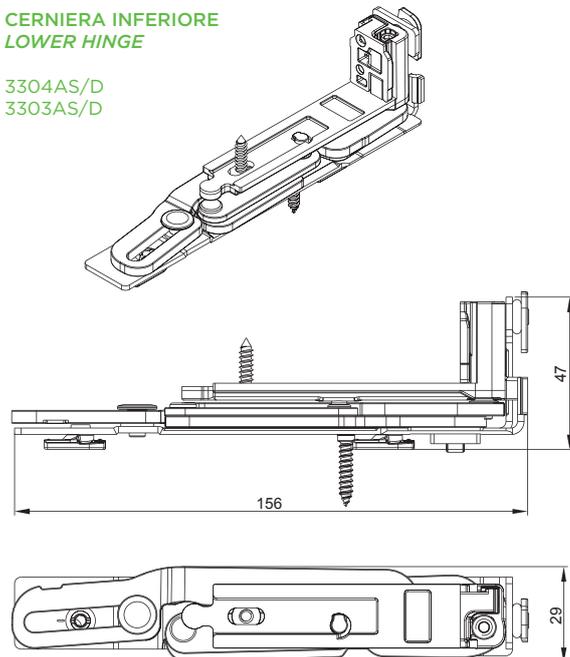
INDICAZIONI DI MONTAGGIO | MOUNTING PHASE

| ART.                         | DESCRIZIONE<br>DESCRIPTION                              | TIPO<br>TYPE                  |
|------------------------------|---|-------------------------------|
| 3304A.20S/D<br>3303A.20S/D   | L anta da 470mm a 670mm<br>L sash from 470mm to 670mm   | Standard                      |
| 3304AL.20S/D<br>3303AL.20S/D | L anta da 470mm a 670mm<br>L sash from 470mm to 670mm   | Logica<br>Tilt before<br>turn |
| 3304A.21S/D<br>3303A.21S/D   | L anta da 671mm a 1700mm<br>L sash from 671mm to 1700mm | Standard                      |
| 3304AL.21S/D<br>3303AL.21S/D | L anta da 671mm a 1700mm<br>L sash from 671mm to 1700mm | Logica<br>Tilt before<br>turn |

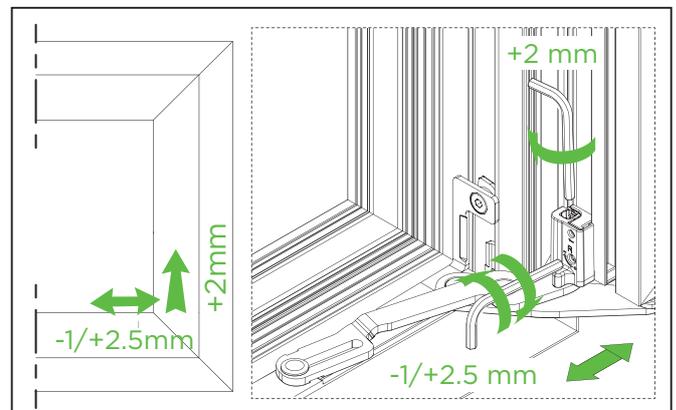


**CERNIERA INFERIORE  
LOWER HINGE**

3304AS/D  
3303AS/D



REGOLAZIONI | ADJUSTEMENT



| Art.     | NODO   SECTION |
|----------|----------------|
| 3303AS/D | A03            |
| 3304AS/D | A01 - A05      |



# DIAGRAMMI DI CARICO

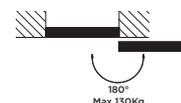
## LOAD CHART

TABELLE DI CARICO PER CONFIGURAZIONI MONOANTA  
LOAD CHARTS FOR ONE SASH CONFIGURATIONS

130 kg - 180°

**!** **Obbligatorio A3310.51 con soglie ribassate**  
*Mandatory A3310.51 with low threshold*

**Consigliato A3310.51 per portate > 100 kg e altezze > 2100mm**  
*Recommended A3310.51 with weights > 100kg and height > 2100mm*

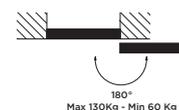


|       |     |     |     |     |     |      |      |      |      |      |      |      |
|-------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| 2500  | 35  | 33  | 28  | 24  | 21  | 18   | 17   | 15   | 14   | 16   | 15   | 14   |
| 2400  | 37  | 35  | 29  | 25  | 22  | 19   | 17   | 16   | 14   | 17   | 15   | 14   |
| 2300  | 38  | 36  | 30  | 26  | 23  | 20   | 18   | 16   | 19   | 17   | 16   | 15   |
| 2200  | 40  | 38  | 32  | 27  | 24  | 21   | 19   | 17   | 20   | 18   | 17   | 16   |
| 2100  | 42  | 40  | 33  | 28  | 25  | 22   | 20   | 23   | 21   | 19   | 18   | 17   |
| 2000  | 44  | 42  | 35  | 30  | 26  | 23   | 21   | 24   | 22   | 20   | 19   | 17   |
| 1900  | 47  | 44  | 36  | 31  | 27  | 24   | 27   | 25   | 23   | 21   | 20   | 18   |
| 1800  | 49  | 46  | 39  | 33  | 29  | 26   | 29   | 26   | 24   | 22   | 21   | 19   |
| 1700  | 50  | 49  | 41  | 35  | 31  | 34   | 31   | 28   | 25   | 24   | 22   | 20   |
| 1600  | 50  | 50  | 43  | 37  | 33  | 36   | 33   | 30   | 27   | 25   | 23   | 22   |
| 1500  | 50  | 50  | 46  | 40  | 43  | 39   | 35   | 32   | 29   | 27   | 25   | 23   |
| 1400  | 50  | 50  | 50  | 42  | 46  | 41   | 37   | 34   | 31   | 29   | 27   | 25   |
| 1300  | 50  | 50  | 50  | 50  | 50  | 44   | 40   | 36   | 33   | 31   | 29   | 24   |
| 1200  | 50  | 50  | 50  | 50  | 50  | 48   | 43   | 39   | 36   | 33   | 28   | 26   |
| 1100  | 50  | 50  | 50  | 50  | 50  | 50   | 47   | 43   | 35   | 33   | 30   | 19   |
| 1000  | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 43   | 39   | 36   | 22   | N.D. |
| 900   | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 47   | 29   | 18   | N.D. | N.D. |
| 800   | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 35   | N.D. | N.D. | N.D. | N.D. |
| 700   | 50  | 50  | 50  | 50  | 50  | 50   | 30   | N.D. | N.D. | N.D. | N.D. | N.D. |
| 600   | 50  | 50  | 50  | 50  | 50  | N.D. |
| 550   | 50  | 50  | 50  | 50  | 18  | N.D. |
| H \ L | 470 | 500 | 600 | 700 | 800 | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |



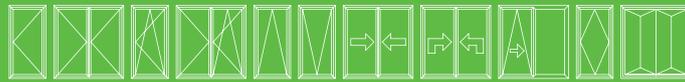
150 kg - 180°

**!** **Obbligatorio A3310.51**  
*Mandatory A3310.51*



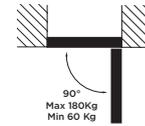
|       |     |     |     |     |     |      |      |      |      |      |      |      |
|-------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| 2700  | 38  | 36  | 30  | 25  | 22  | 20   | 18   | 16   | 15   | 14   | 16   | 15   |
| 2600  | 39  | 37  | 31  | 26  | 23  | 21   | 18   | 17   | 15   | 14   | 16   | 15   |
| 2500  | 41  | 38  | 32  | 27  | 24  | 21   | 19   | 17   | 16   | 18   | 17   | 16   |
| 2400  | 43  | 40  | 33  | 29  | 25  | 22   | 20   | 18   | 17   | 19   | 18   | 17   |
| 2300  | 44  | 42  | 35  | 30  | 26  | 23   | 21   | 19   | 22   | 20   | 19   | 17   |
| 2200  | 46  | 44  | 36  | 31  | 27  | 24   | 22   | 20   | 23   | 21   | 19   | 18   |
| 2100  | 49  | 46  | 38  | 33  | 29  | 25   | 23   | 26   | 24   | 22   | 20   | 19   |
| 2000  | 50  | 48  | 40  | 34  | 30  | 27   | 24   | 27   | 25   | 23   | 21   | 20   |
| 1900  | 50  | 50  | 42  | 36  | 32  | 28   | 32   | 29   | 26   | 24   | 23   | 21   |
| 1800  | 50  | 50  | 44  | 38  | 33  | 30   | 33   | 30   | 28   | 26   | 24   | 22   |
| 1700  | 50  | 50  | 47  | 40  | 35  | 39   | 35   | 32   | 29   | 27   | 25   | 24   |
| 1600  | 50  | 50  | 50  | 43  | 38  | 42   | 38   | 34   | 31   | 29   | 27   | 25   |
| 1500  | 50  | 50  | 50  | 46  | 50  | 44   | 40   | 36   | 33   | 31   | 29   | 27   |
| 1400  | 50  | 50  | 50  | 49  | 50  | 48   | 43   | 39   | 36   | 33   | 31   | 29   |
| 1300  | 50  | 50  | 50  | 50  | 50  | 50   | 46   | 42   | 38   | 36   | 33   | 28   |
| 1200  | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 45   | 42   | 38   | 32   | 30   |
| 1100  | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 50   | 45   | 38   | 35   | 22   |
| 1000  | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 50   | 45   | 42   | 26   | N.D. |
| 900   | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 50   | 33   | 21   | N.D. | N.D. |
| 800   | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 41   | N.D. | N.D. | N.D. | N.D. |
| 700   | 50  | 50  | 50  | 50  | 50  | 50   | 34   | N.D. | N.D. | N.D. | N.D. | N.D. |
| 600   | 50  | 50  | 50  | 50  | 50  | N.D. |
| 550   | 50  | 50  | 50  | 50  | 18  | N.D. |
| H \ L | 470 | 500 | 600 | 700 | 800 | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |





180 kg - 90°

**!** Obbligatorio A3310.50 + 1211  
Mandatory A3310.50 + 1211



|      |    |     |     |     |     |     |     |      |      |      |      |      |      |
|------|----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 3000 | 41 | 38  | 32  | 27  | 24  | 21  | 19  | 17   | 16   | 15   | 14   | 13   |      |
| 2900 | 42 | 40  | 33  | 28  | 25  | 22  | 20  | 18   | 17   | 15   | 14   | 17   |      |
| 2800 | 44 | 41  | 34  | 29  | 26  | 23  | 21  | 19   | 17   | 16   | 15   | 17   |      |
| 2700 | 45 | 43  | 36  | 30  | 27  | 24  | 21  | 19   | 18   | 16   | 19   | 18   |      |
| 2600 | 47 | 44  | 37  | 32  | 28  | 25  | 22  | 20   | 18   | 17   | 20   | 18   |      |
| 2500 | 49 | 46  | 38  | 33  | 29  | 26  | 23  | 21   | 19   | 22   | 21   | 19   |      |
| 2400 | 50 | 48  | 40  | 34  | 30  | 27  | 24  | 22   | 20   | 23   | 21   | 20   |      |
| 2300 | 50 | 50  | 42  | 36  | 31  | 28  | 25  | 23   | 26   | 24   | 22   | 21   |      |
| 2200 | 50 | 50  | 44  | 37  | 33  | 29  | 26  | 24   | 27   | 25   | 23   | 22   |      |
| 2100 | 50 | 50  | 46  | 39  | 34  | 30  | 27  | 31   | 29   | 26   | 24   | 23   |      |
| 2000 | 50 | 50  | 48  | 41  | 36  | 32  | 29  | 33   | 30   | 28   | 26   | 24   |      |
| 1900 | 50 | 50  | 50  | 43  | 38  | 34  | 38  | 34   | 32   | 29   | 27   | 25   |      |
| 1800 | 50 | 50  | 50  | 46  | 40  | 36  | 40  | 36   | 33   | 31   | 29   | 27   |      |
| 1700 | 50 | 50  | 50  | 48  | 42  | 47  | 42  | 39   | 35   | 33   | 30   | 28   |      |
| 1600 | 50 | 50  | 50  | 50  | 45  | 50  | 45  | 41   | 38   | 35   | 32   | 30   |      |
| 1500 | 50 | 50  | 50  | 50  | 50  | 50  | 48  | 44   | 40   | 37   | 34   | 32   |      |
| 1400 | 50 | 50  | 50  | 50  | 50  | 50  | 50  | 47   | 43   | 40   | 37   | 34   |      |
| 1300 | 50 | 50  | 50  | 50  | 50  | 50  | 50  | 50   | 46   | 43   | 40   | 33   |      |
| 1200 | 50 | 50  | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 46   | 39   | 36   |      |
| 1100 | 50 | 50  | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 45   | 42   | 26   |      |
| 1000 | 50 | 50  | 50  | 50  | 50  | 50  | 50  | 50   | 50   | 50   | 31   | X    |      |
| 900  | 50 | 50  | 50  | 50  | 50  | 50  | 50  | 50   | 40   | 25   | X    | X    |      |
| 800  | 50 | 50  | 50  | 50  | 50  | 50  | 50  | 50   | 49   | X    | X    | X    |      |
| 700  | 50 | 50  | 50  | 50  | 50  | 50  | 50  | 41   | X    | X    | X    | X    |      |
| 600  | 50 | 50  | 50  | 50  | 50  | 50  | X   | X    | X    | X    | X    | X    |      |
| 550  | 50 | 50  | 50  | 50  | 18  | X   | X   | X    | X    | X    | X    | X    |      |
| H    | L  | 470 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |



180°  
Max 130Kg

180°  
Max 150Kg  
Min 50Kg

**!** Obbligatorio A3310.51  
Mandatory A3310.51

90°  
Max 180Kg  
Min 60Kg

**!** Obbligatorio A3310.50 + 1211  
Mandatory A3310.50 + 1211

Per apertura impedita a 180° è obbligatorio braccio limitatore  
For windows with 180° restricted opening mandatory use a limiter arm



**!** A1211 (L>570)

Es.20

Anta eseguibile con spessore vetro Max 20mm  
Sash size executable with Max glass thickness 20 mm

N.D.

Dimensione non eseguibile  
Not feasible