

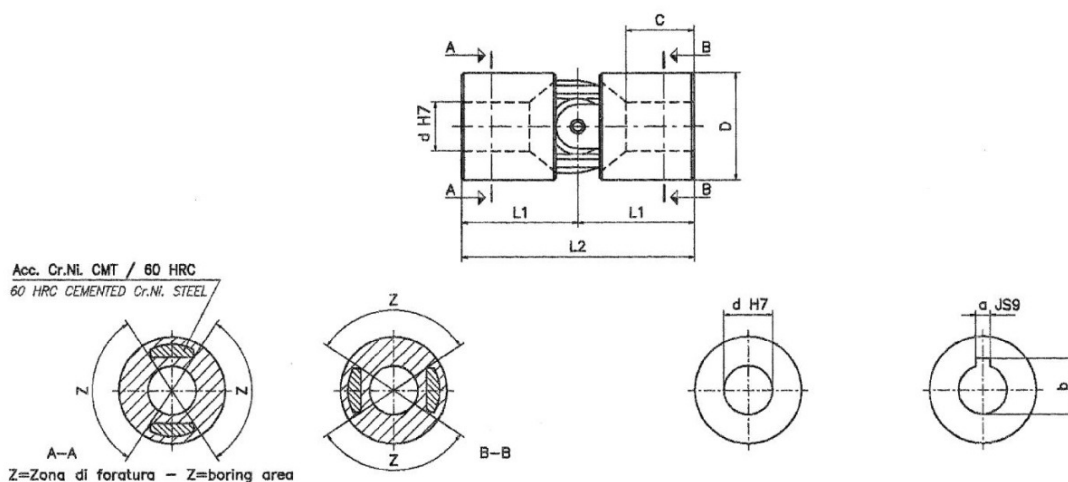


# GIUNTI SINGOLI

## SINGLE JOINTS

serie «S»  
Series (DIN 808)

- Nucleo e forcelle integrali in acc. Cr. Ni. Cementato e temperato  
HRC  $\geq 60$ , R  $\geq 200$  Kg/mm<sup>2</sup>  
Central block and forks from one piece of Nickel Chrome steel cemented and hardened HRC  $\geq 60$ , R  $\geq 200$  Kg/sq.mm.
- Elevata resistenza usura, lunga durata.  
High wear resistance, long life.
- Prelubrificati. Ingrassatore incorporato.  
Pre-lubricated. Graser built-in.
- Angolo max: 45°. Giri max. 1000/min.  
Max angle: 45°. Max speed 1000 R.P.M.
- Esecuzioni speciali a richiesta.  
Special executions on request.



| Mod. Type | Codice / Code | d  | D  | L2  | L1   | C  | Codice / Code | Codice / Code | a | b    | Peso Weight Kg |
|-----------|---------------|----|----|-----|------|----|---------------|---------------|---|------|----------------|
| 01S       | SSOS 0600     | 6  | 16 | 34  | 17   | 9  | —             | —             | — | —    | 0,05           |
| 02S       | SSOS 0800     | 8  | 18 | 40  | 20   | 11 | —             | —             | — | —    | 0,06           |
| 03S       | SSOS 1000     | 10 | 22 | 48  | 24   | 14 | SSOS 101C     | SSOS 102C     | 3 | 11,4 | 0,11           |
| 04S       | SSOS 1200     | 12 | 26 | 56  | 28   | 16 | SSOS 121C     | SSOS 122C     | 4 | 13,8 | 0,17           |
| 05S       | SSOS 1400     | 14 | 29 | 60  | 30   | 17 | SSOS 141C     | SSOS 142C     | 5 | 16,3 | 0,22           |
| 1S        | SSOS 1600     | 16 | 32 | 68  | 34   | 20 | SSOS 161C     | SSOS 162C     | 5 | 18,3 | 0,32           |
| 2S        | SSOS 1800     | 18 | 37 | 74  | 37   | 21 | SSOS 181C     | SSOS 182C     | 6 | 20,8 | 0,47           |
| 3S        | SSOS 2000     | 20 | 42 | 82  | 41   | 23 | SSOS 201C     | SSOS 202C     | 6 | 22,8 | 0,67           |
| 4S        | SSOS 2200     | 22 | 47 | 95  | 47,5 | 25 | SSOS 221C     | SSOS 222C     | 6 | 24,8 | 1,00           |
| 5S        | SSOS 2500     | 25 | 52 | 108 | 54   | 29 | SSOS 251C     | SSOS 252C     | 8 | 28,3 | 1,35           |
| 6S        | SSOS 3000     | 30 | 58 | 122 | 61   | 34 | SSOS 301C     | SSOS 302C     | 8 | 33,3 | 1,85           |



# TRASMISSIONI ALLUNGABILI

## EXTENSIBLE TRANSMISSIONS

serie  
series

«S»  
(DIN 808)

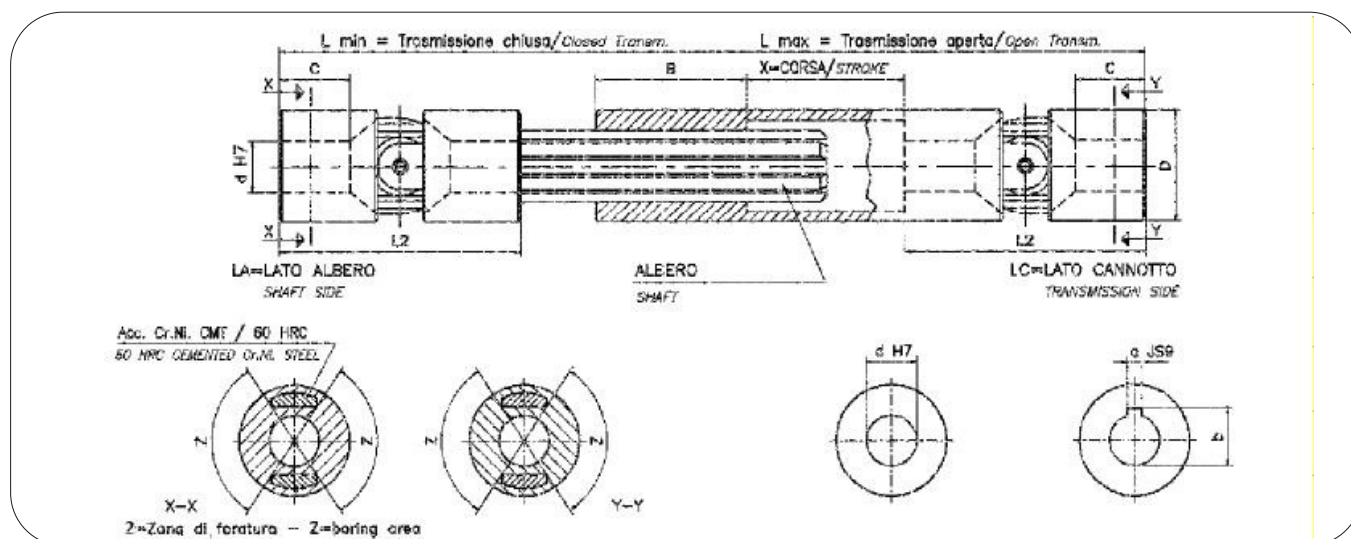
- Giunti di elevata qualità serie "S".  
High quality joints series "S".
- Lunghezze min. e max. a richiesta:  
Min. and max. lengths on request:

$$L. MIN. \geq \frac{L. MAX. + 2 L2 + B}{2}$$

$$MIN. L. \geq \frac{L. MAX. + 2 L2 + B}{2}$$

$$CORSAX \geq \frac{L. MAX. - 2 L2 - B}{2}$$

$$STROKE X \geq \frac{L. MAX. - 2 L2 - B}{2}$$



| Mod.<br>Type | d  | D  | L2  | C  | L min.                   | L max. | x = corsa / stroke       | B  | a | b    | Albero<br>Shaft |
|--------------|----|----|-----|----|--------------------------|--------|--------------------------|----|---|------|-----------------|
|              |    |    |     |    | a richiesta - on request |        | a richiesta - on request |    |   |      |                 |
| 01A          | 6  | 16 | 34  | 9  | ←                        | →      | ←                        | 25 | — | —    | SW 8            |
| 02A          | 8  | 18 | 40  | 11 | ←                        | →      | ←                        | 25 | — | —    | SW 10           |
| 03A          | 10 | 22 | 48  | 14 | ←                        | →      | ←                        | 30 | 3 | 11,4 | 11 x 14 Z6      |
| 04A          | 12 | 26 | 56  | 16 | ←                        | →      | ←                        | 40 | 4 | 13,8 | 13 x 16 Z6      |
| 05A          | 14 | 29 | 60  | 17 | ←                        | →      | ←                        | 40 | 5 | 16,3 | 13 x 16 Z6      |
| 1A           | 16 | 32 | 68  | 20 | ←                        | →      | ←                        | 40 | 5 | 18,3 | 16 x 20 Z6      |
| 2A           | 18 | 37 | 74  | 21 | ←                        | →      | ←                        | 40 | 6 | 20,8 | 18 x 22 Z6      |
| 3A           | 20 | 42 | 82  | 23 | ←                        | →      | ←                        | 45 | 6 | 22,8 | 21 x 25 Z6      |
| 4A           | 22 | 47 | 95  | 25 | ←                        | →      | ←                        | 45 | 6 | 24,8 | 23 x 28 Z6      |
| 5A           | 25 | 52 | 108 | 29 | ←                        | →      | ←                        | 45 | 8 | 28,3 | 26 x 32 Z6      |
| 6A           | 30 | 58 | 122 | 34 | ←                        | →      | ←                        | 50 | 8 | 33,3 | 32 x 38 Z8      |

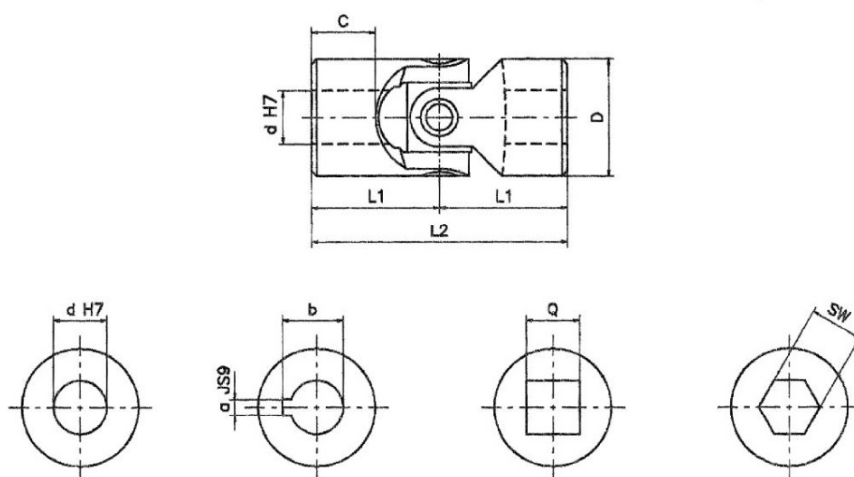


# GIUNTI SINGOLI

## SINGLE JOINTS

serie «G»  
series (DIN 808)

- Bussole di scorrimento anti-usura in acciaio cementato e temperato.  
*Wear resistant sliding bushes from cemented and hardened steel.*
- Robusti precisi e versatili; vasto campo di applicazione.  
*Strong precise and versatile; wide application field.*
- Angolo max: 45°. Giri max. 1000/min.  
*Max angle: 45°. Max speed 1000 R.P.M.*
- "G" corrispondenti DIN 808 - "GB" corrispondenti DIN 808/7551  
*"G" to DIN 808 - "GB" to DIN 808/7551*
- Esecuzioni speciali a richiesta.  
*Special executions on request.*



| Mod. Type | Codice / Code | d  | D  | L2  | L1   | C  | Codice / Code | Codice / Code | a  | b    | Codice / Code | Q  | * SW | Peso Weight Kg |
|-----------|---------------|----|----|-----|------|----|---------------|---------------|----|------|---------------|----|------|----------------|
| 01G       | SGOS 0600     | 6  | 16 | 34  | 17   | 8  | SGOS 061C     | SGOS 062C     | 2  | 7    | SGOS 062Q     | 6  | 6    | 0,05           |
| 02G       | SGOS 0800     | 8  | 16 | 40  | 20   | 11 | SGOS 081C     | SGOS 082C     | 2  | 9    | SGOS 082Q     | 8  | 8    | 0,05           |
| 03G       | SGOS 1000     | 10 | 22 | 48  | 24   | 12 | SGOS 101C     | SGOS 102C     | 3  | 11,4 | SGOS 102Q     | 10 | 10   | 0,10           |
| 04G       | SGOS 1200     | 12 | 25 | 56  | 28   | 13 | SGOS 121C     | SGOS 122C     | 4  | 13,8 | SGOS 122Q     | 12 | 12   | 0,16           |
| 05G       | SGOS 1400     | 14 | 28 | 60  | 30   | 14 | SGOS 141C     | SGOS 142C     | 5  | 16,3 | SGOS 142Q     | 14 | 14   | 0,20           |
| 1G        | SGOS 1600     | 16 | 32 | 68  | 34   | 16 | SGOS 161C     | SGOS 162C     | 5  | 18,3 | SGOS 162Q     | 16 | 16   | 0,30           |
| 2G        | SGOS 1800     | 18 | 36 | 74  | 37   | 17 | SGOS 181C     | SGOS 182C     | 6  | 20,8 | SGOS 182Q     | 18 | 18   | 0,45           |
| 3G        | SGOS 2000     | 20 | 42 | 82  | 41   | 18 | SGOS 201C     | SGOS 202C     | 6  | 22,8 | SGOS 202Q     | 20 | 20   | 0,60           |
| 4G        | SGOS 2200     | 22 | 45 | 95  | 47,5 | 22 | SGOS 221C     | SGOS 222C     | 6  | 24,8 | SGOS 222Q     | 22 | 22   | 0,95           |
| 5G        | SGOS 2500     | 25 | 50 | 108 | 54   | 26 | SGOS 251C     | SGOS 252C     | 8  | 28,3 | SGOS 252Q     | 25 | 25   | 1,20           |
| 6G        | SGOS 3000     | 30 | 58 | 122 | 61   | 29 | SGOS 301C     | SGOS 302C     | 8  | 33,3 | SGOS 302Q     | 30 | 30   | 1,85           |
| 6G1       | SGOS 3200     | 32 | 58 | 130 | 65   | 33 | SGOS 321C     | SGOS 322C     | 10 | 35,3 | SGOS 322Q     | 30 | 30   | 2,00           |
| 7G        | SGOS 3500     | 35 | 70 | 140 | 70   | 35 | SGOS 351C     | SGOS 352C     | 10 | 38,3 | —             | ** | **   | 3,15           |
| 8G        | SGOS 4000     | 40 | 80 | 160 | 80   | 39 | SGOS 401C     | SGOS 402C     | 12 | 43,3 | —             | ** | **   | 4,60           |
| 9G        | SGOS 5000     | 50 | 95 | 190 | 95   | 46 | SGOS 501C     | SGOS 502C     | 14 | 53,8 | —             | ** | **   | 7,60           |
| 03GB      | SGBS 1000     | 10 | 16 | 52  | 26   | 15 | SGBS 101C     | SGBS 102C     | 3  | 11,4 | SGBS 082Q     | 8  | 8    | 0,05           |
| 04GB      | SGBS 1200     | 12 | 22 | 62  | 31   | 18 | SGBS 121C     | SGBS 122C     | 4  | 13,8 | SGBS 102Q     | 10 | 10   | 0,12           |
| 1GB       | SGBS 1600     | 16 | 25 | 74  | 37   | 21 | SGBS 161C     | SGBS 162C     | 5  | 18,3 | SGBS 122Q     | 12 | 12   | 0,20           |
| 3GB       | SGBS 2000     | 20 | 32 | 86  | 43   | 24 | SGBS 201C     | SGBS 202C     | 6  | 22,8 | SGBS 162Q     | 16 | 16   | 0,35           |
| 5GB       | SGBS 2500     | 25 | 42 | 108 | 54   | 31 | SGBS 251C     | SGBS 252C     | 8  | 28,3 | SGBS 202Q     | 20 | 20   | 0,80           |
| 6GB       | SGBS 3000     | 30 | 50 | 132 | 66   | 38 | SGBS 301C     | SGBS 302C     | 8  | 33,3 | SGBS 252Q     | 25 | 25   | 1,20           |
| 8GB       | SGBS 4000     | 40 | 70 | 166 | 83   | 47 | SGBS 401C     | SGBS 402C     | 12 | 43,3 | —             | ** | **   | 2,90           |

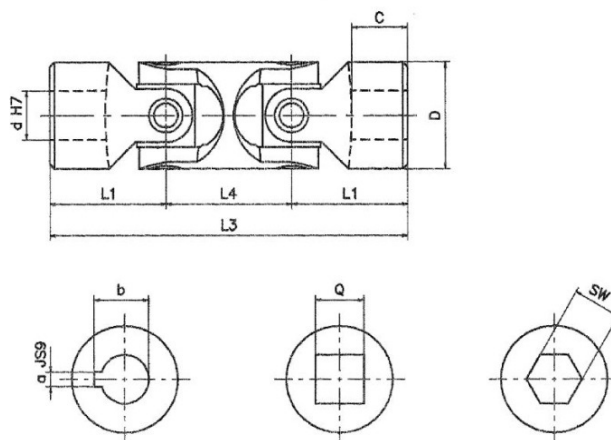


# GIUNTI DOPPI

## DOUBLE JOINTS

serie «G»  
series (DIN 808)

- Bussole di scorrimento anti-usura in acciaio cementato e temperato.  
*Wear resistant sliding bushes from cemented and hardened steel.*
- Robusti precisi e versatili; vasto campo di applicazione.  
*Strong precise and versatile; wide application field.*
- Angolo max: 90°. Giri max. 1000/min.  
*Max angle: 90°. Max speed 1000 R.P.M.*
- "GD" corrispondenti DIN 808 - "GBD" corrispondenti DIN 808/7551  
*"GD" to DIN 808 - "GBD" to DIN 808/7551*
- Esecuzioni speciali a richiesta.  
*Special executions on request.*



| Mod. Type | Codice / Code | d  | D  | L3  | L1   | L4  | C  | Codice / Code | Codice / Code | a  | b    | Codice / Code | Q  | * SW | Peso Weight Kg |
|-----------|---------------|----|----|-----|------|-----|----|---------------|---------------|----|------|---------------|----|------|----------------|
| 01GD      | SGOD 0600     | 6  | 16 | 56  | 17   | 22  | 8  | SGOD 061C     | SGOD 062C     | 2  | 7    | SGOD 062Q     | 6  | 6    | 0,08           |
| 02GD      | SGOD 0800     | 8  | 16 | 62  | 20   | 22  | 11 | SGOD 081C     | SGOD 082C     | 2  | 9    | SGOD 082Q     | 8  | 8    | 0,08           |
| 03GD      | SGOD 1000     | 10 | 22 | 74  | 24   | 26  | 12 | SGOD 101C     | SGOD 102C     | 3  | 11,4 | SGOD 102Q     | 10 | 10   | 0,15           |
| 04GD      | SGOD 1200     | 12 | 25 | 86  | 28   | 30  | 13 | SGOD 121C     | SGOD 122C     | 4  | 13,8 | SGOD 122Q     | 12 | 12   | 0,25           |
| 05GD      | SGOD 1400     | 14 | 28 | 96  | 30   | 36  | 14 | SGOD 141C     | SGOD 142C     | 5  | 16,3 | SGOD 142Q     | 14 | 14   | 0,40           |
| 1GD       | SGOD 1600     | 16 | 32 | 104 | 34   | 36  | 16 | SGOD 161C     | SGOD 162C     | 5  | 18,3 | SGOD 162Q     | 16 | 16   | 0,45           |
| 2GD       | SGOD 1800     | 18 | 36 | 114 | 37   | 40  | 17 | SGOD 181C     | SGOD 182C     | 6  | 20,8 | SGOD 182Q     | 18 | 18   | 0,70           |
| 3GD       | SGOD 2000     | 20 | 42 | 128 | 41   | 46  | 18 | SGOD 201C     | SGOD 202C     | 6  | 22,8 | SGOD 202Q     | 20 | 20   | 1,00           |
| 4GD       | SGOD 2200     | 22 | 45 | 145 | 47,5 | 50  | 22 | SGOD 221C     | SGOD 222C     | 6  | 24,8 | SGOD 222Q     | 22 | 22   | 1,55           |
| 5GD       | SGOD 2500     | 25 | 50 | 163 | 54   | 55  | 26 | SGOD 251C     | SGOD 252C     | 8  | 28,3 | SGOD 252Q     | 25 | 25   | 2,00           |
| 6GD       | SGOD 3000     | 30 | 58 | 190 | 61   | 68  | 29 | SGOD 301C     | SGOD 302C     | 8  | 33,3 | SGOD 302Q     | 30 | 30   | 2,90           |
| 6GD1      | SGOD 3200     | 32 | 58 | 198 | 65   | 68  | 33 | SGOD 321C     | SGOD 322C     | 10 | 35,3 | SGOD 322Q     | 30 | 30   | 3,00           |
| 7GD       | SGOD 3500     | 35 | 70 | 212 | 70   | 72  | 35 | SGOD 351C     | SGOD 352C     | 10 | 38,3 | —             | ** | **   | 4,75           |
| 8GD       | SGOD 4000     | 40 | 80 | 245 | 80   | 85  | 39 | SGOD 401C     | SGOD 402C     | 12 | 43,3 | —             | ** | **   | 7,20           |
| 9GD       | SGOD 5000     | 50 | 95 | 290 | 95   | 100 | 46 | SGOD 501C     | SGOD 502C     | 14 | 53,8 | —             | ** | **   | 12,00          |
| 03GBD     | SGBD 1000     | 10 | 16 | 74  | 26   | 22  | 15 | SGBD 101C     | SGBD 102C     | 3  | 11,4 | SGBD 082Q     | 8  | 8    | 0,08           |
| 04GBD     | SGBD 1200     | 12 | 22 | 88  | 31   | 26  | 18 | SGBD 121C     | SGBD 122C     | 4  | 13,8 | SGBD 102Q     | 10 | 10   | 0,20           |
| 1GBD      | SGBD 1600     | 16 | 25 | 104 | 37   | 30  | 21 | SGBD 161C     | SGBD 162C     | 5  | 18,3 | SGBD 122Q     | 12 | 12   | 0,30           |
| 3GBD      | SGBD 2000     | 20 | 32 | 124 | 43   | 38  | 24 | SGBD 201C     | SGBD 202C     | 6  | 22,8 | SGBD 162Q     | 16 | 16   | 0,50           |
| 5GBD      | SGBD 2500     | 25 | 42 | 156 | 54   | 48  | 31 | SGBD 251C     | SGBD 252C     | 8  | 28,3 | SGBD 202Q     | 20 | 20   | 1,20           |
| 6GBD      | SGBD 3000     | 30 | 50 | 188 | 66   | 56  | 38 | SGBD 301C     | SGBD 302C     | 8  | 33,3 | SGBD 252Q     | 25 | 25   | 1,70           |
| 8GBD      | SGBD 4000     | 40 | 70 | 238 | 83   | 72  | 47 | SGBD 401C     | SGBD 402C     | 12 | 43,3 | —             | ** | **   | 4,30           |

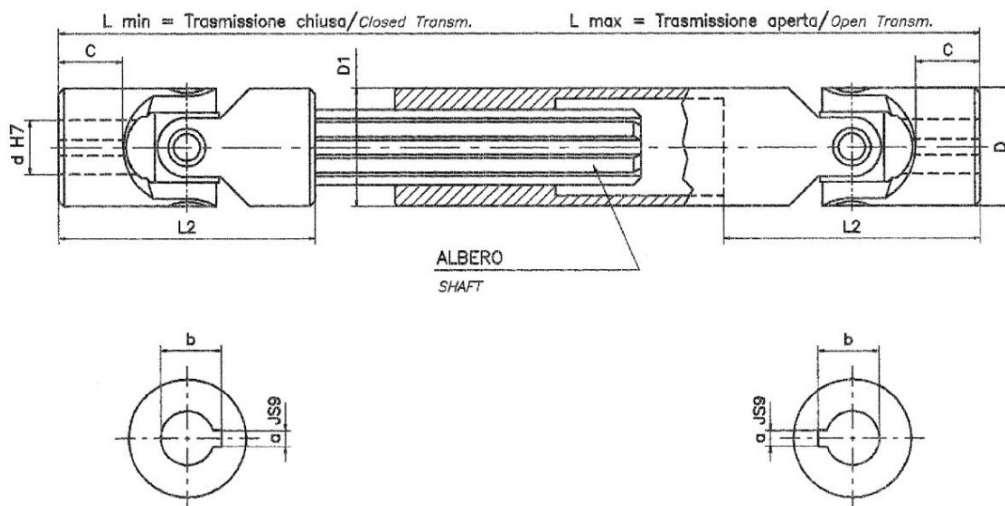


# TRASMISSIONI ALLUNGABILI STANDARD STANDARD EXTENSIBLE TRANSMISSIONS

serie  
series

«G»  
(DIN 808)

- Giunti serie "G" con bussole di scorrimento anti-usura.  
Joints series "G" with wear resistant sliding bushes.
- Completi di cave per linguetta.  
Complete with keyways.
- Ampia gamma di lunghezze per ogni modello.  
Wide range of lengths per model.
- Consegna pronta.  
Ready delivery.



| Mod.<br>Type | Codice / Code | d  | D  | L2 | C  | L min. | L max. | corsa<br>stroke | a | b    | Albero<br>Shaft | D1 | Peso<br>Weight<br>Kg |
|--------------|---------------|----|----|----|----|--------|--------|-----------------|---|------|-----------------|----|----------------------|
| 03GA1        | SGOA 1010     | 10 | 22 | 48 | 12 | 140    | 170    | 30              | 3 | 11,4 | 11 x 14 Z6      | 22 | 0,31                 |
| 03GA15       | SGOA 1015     | 10 | 22 | 48 | 12 | 160    | 200    | 40              | 3 | 11,4 | 11 x 14 Z6      | 22 | 0,36                 |
| 03GA2        | SGOA 1020     | 10 | 22 | 48 | 12 | 180    | 240    | 60              | 3 | 11,4 | 11 x 14 Z6      | 22 | 0,38                 |
| 03GA25       | SGOA 1025     | 10 | 22 | 48 | 12 | 230    | 330    | 100             | 3 | 11,4 | 11 x 14 Z6      | 22 | 0,50                 |
| 04GA1        | SGOA 1210     | 12 | 25 | 56 | 13 | 160    | 190    | 30              | 4 | 13,8 | 13 x 16 Z6      | 26 | 0,50                 |
| 04GA15       | SGOA 1215     | 12 | 25 | 56 | 13 | 180    | 225    | 45              | 4 | 13,8 | 13 x 16 Z6      | 26 | 0,56                 |
| 04GA2        | SGOA 1220     | 12 | 25 | 56 | 13 | 200    | 270    | 70              | 4 | 13,8 | 13 x 16 Z6      | 26 | 0,62                 |
| 04GA23       | SGOA 1223     | 12 | 25 | 56 | 13 | 220    | 300    | 80              | 4 | 13,8 | 13 x 16 Z6      | 26 | 0,67                 |
| 04GA26       | SGOA 1226     | 12 | 25 | 56 | 13 | 250    | 355    | 105             | 4 | 13,8 | 13 x 16 Z6      | 26 | 0,76                 |
| 04GA29       | SGOA 1229     | 12 | 25 | 56 | 13 | 280    | 420    | 140             | 4 | 13,8 | 13 x 16 Z6      | 26 | 0,84                 |
| 04GA32       | SGOA 1232     | 12 | 25 | 56 | 13 | 300    | 450    | 150             | 4 | 13,8 | 13 x 16 Z6      | 26 | 0,90                 |
| 05GA1        | SGOA 1410     | 14 | 28 | 60 | 14 | 170    | 200    | 30              | 5 | 16,3 | 13 x 16 Z6      | 29 | 0,62                 |
| 05GA15       | SGOA 1415     | 14 | 28 | 60 | 14 | 180    | 220    | 40              | 5 | 16,3 | 13 x 16 Z6      | 29 | 0,64                 |
| 05GA18       | SGOA 1418     | 14 | 28 | 60 | 14 | 200    | 260    | 60              | 5 | 16,3 | 13 x 16 Z6      | 29 | 0,72                 |
| 05GA2        | SGOA 1420     | 14 | 28 | 60 | 14 | 220    | 300    | 80              | 5 | 16,3 | 13 x 16 Z6      | 29 | 0,78                 |
| 05GA23       | SGOA 1423     | 14 | 28 | 60 | 14 | 250    | 350    | 100             | 5 | 16,3 | 13 x 16 Z6      | 29 | 0,87                 |
| 05GA26       | SGOA 1426     | 14 | 28 | 60 | 14 | 280    | 420    | 140             | 5 | 16,3 | 13 x 16 Z6      | 29 | 0,96                 |

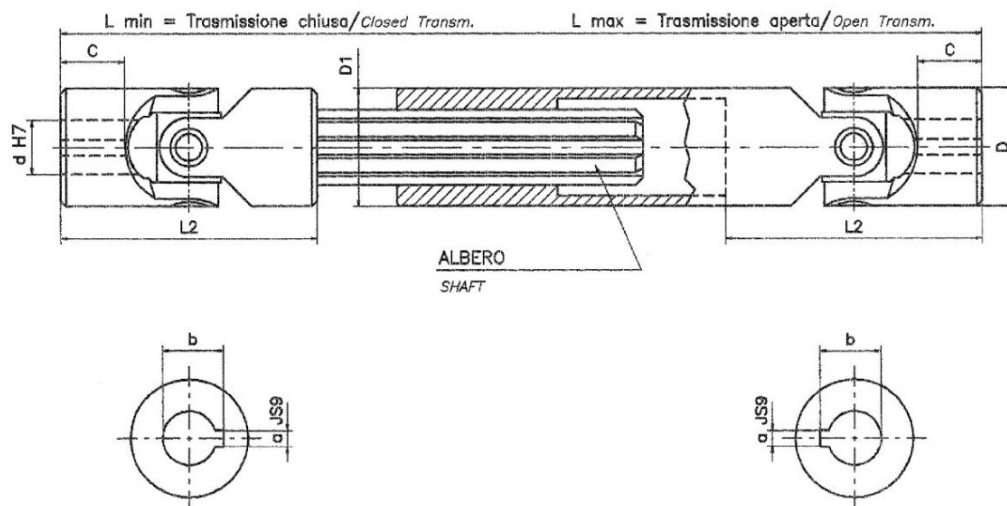


# TRASMISSIONI ALLUNGABILI STANDARD STANDARD EXTENSIBLE TRANSMISSIONS

serie  
series

«G»  
(DIN 808)

- Giunti serie "G" con bussole di scorrimento anti-usura.  
*Joints series "G" with wear resistant sliding bushes.*
- Completi di cave per linguetta.  
*Complete with keyways.*
- Ampia gamma di lunghezze per ogni modello.  
*Wide range of lengths per model.*
- Consegna pronta.  
*Ready delivery.*



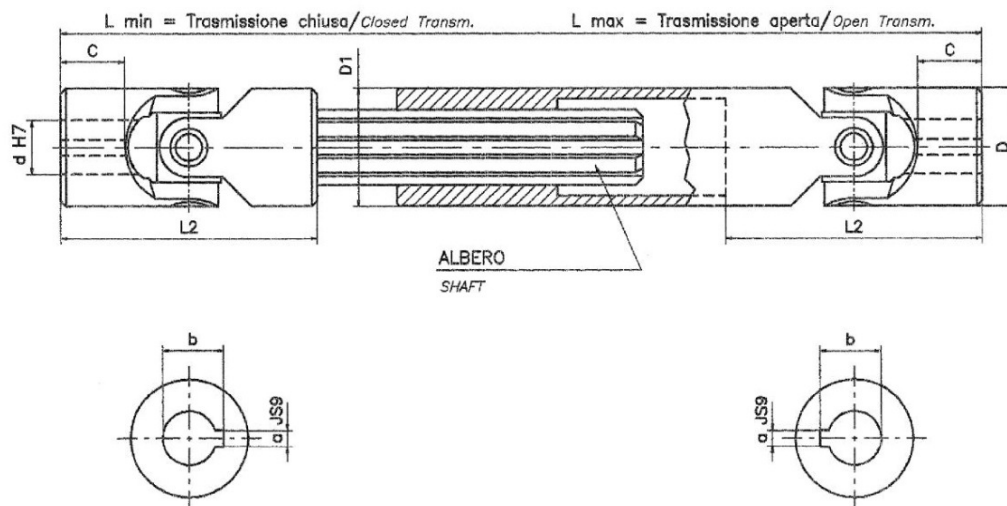
| Mod.<br>Type | Codice / Code | d  | D  | L2 | C  | L min. | L max. | corsa<br>stroke | a | b    | Albero<br>Shaft | D1 | Peso<br>Weight<br>Kg |
|--------------|---------------|----|----|----|----|--------|--------|-----------------|---|------|-----------------|----|----------------------|
| 05GA29       | SGOA 1429     | 14 | 28 | 60 | 14 | 300    | 450    | 150             | 5 | 16,3 | 13 x 16 Z6      | 29 | 1,03                 |
| 05GA32       | SGOA 1432     | 14 | 28 | 60 | 14 | 350    | 550    | 200             | 5 | 16,3 | 13 x 16 Z6      | 29 | 1,17                 |
| 05GA35       | SGOA 1435     | 14 | 28 | 60 | 14 | 400    | 650    | 250             | 5 | 16,3 | 13 x 16 Z6      | 29 | 1,33                 |
| 1GA1         | SGOA 1610     | 16 | 32 | 68 | 16 | 190    | 220    | 30              | 5 | 18,3 | 16 x 20 Z6      | 32 | 0,90                 |
| 1GA15        | SGOA 1615     | 16 | 32 | 68 | 16 | 210    | 250    | 40              | 5 | 18,3 | 16 x 20 Z6      | 32 | 0,98                 |
| 1GA2         | SGOA 1620     | 16 | 32 | 68 | 16 | 240    | 320    | 80              | 5 | 18,3 | 16 x 20 Z6      | 32 | 1,10                 |
| 1GA23        | SGOA 1623     | 16 | 32 | 68 | 16 | 250    | 350    | 100             | 5 | 18,3 | 16 x 20 Z6      | 32 | 1,14                 |
| 1GA26        | SGOA 1626     | 16 | 32 | 68 | 16 | 275    | 390    | 115             | 5 | 18,3 | 16 x 20 Z6      | 32 | 1,24                 |
| 1GA29        | SGOA 1629     | 16 | 32 | 68 | 16 | 300    | 430    | 130             | 5 | 18,3 | 16 x 20 Z6      | 32 | 1,33                 |
| 1GA32        | SGOA 1632     | 16 | 32 | 68 | 16 | 380    | 590    | 210             | 5 | 18,3 | 16 x 20 Z6      | 32 | 1,60                 |
| 1GA35        | SGOA 1635     | 16 | 32 | 68 | 16 | 400    | 630    | 230             | 5 | 18,3 | 16 x 20 Z6      | 32 | 1,73                 |
| 2GA1         | SGOA 1810     | 18 | 36 | 74 | 17 | 230    | 280    | 50              | 6 | 20,8 | 18 x 22 Z6      | 37 | 1,35                 |
| 2GA15        | SGOA 1815     | 18 | 36 | 74 | 17 | 250    | 320    | 70              | 6 | 20,8 | 18 x 22 Z6      | 37 | 1,46                 |
| 2GA18        | SGOA 1818     | 18 | 36 | 74 | 17 | 270    | 370    | 100             | 6 | 20,8 | 18 x 22 Z6      | 37 | 1,55                 |
| 2GA2         | SGOA 1820     | 18 | 36 | 74 | 17 | 290    | 400    | 110             | 6 | 20,8 | 18 x 22 Z6      | 37 | 1,66                 |
| 2GA23        | SGOA 1823     | 18 | 36 | 74 | 17 | 300    | 415    | 115             | 6 | 20,8 | 18 x 22 Z6      | 37 | 1,71                 |
| 2GA26        | SGOA 1826     | 18 | 36 | 74 | 17 | 400    | 620    | 220             | 6 | 20,8 | 18 x 22 Z6      | 37 | 2,23                 |



# TRASMISSIONI ALLUNGABILI STANDARD STANDARD EXTENSIBLE TRANSMISSIONS

serie «G»  
series (DIN 808)

- Giunti serie "G" con bussole di scorrimento anti-usura.  
*Joints series "G" with wear resistant sliding bushes.*
- Completi di cave per linguetta,  
*Complete with keyways.*
- Ampia gamma di lunghezze per ogni modello.  
*Wide range of lengths per model.*
- Consegna pronta.  
*Ready delivery.*



| Mod. Type | Codice / Code | d  | D  | L2  | C  | L min. | L max. | corsa stroke | a | b    | Albero Shaft | D1 | Peso Weight Kg |
|-----------|---------------|----|----|-----|----|--------|--------|--------------|---|------|--------------|----|----------------|
| 2GA29     | SGOA 1829     | 18 | 36 | 74  | 17 | 500    | 820    | 320          | 6 | 20,8 | 18 x 22 Z6   | 37 | 2,75           |
| 3GA1      | SGOA 2010     | 20 | 42 | 82  | 18 | 250    | 300    | 50           | 6 | 22,8 | 21 x 25 Z6   | 42 | 1,99           |
| 3GA15     | SGOA 2015     | 20 | 42 | 82  | 18 | 270    | 340    | 70           | 6 | 22,8 | 21 x 25 Z6   | 42 | 2,12           |
| 3GA18     | SGOA 2018     | 20 | 42 | 82  | 18 | 290    | 380    | 90           | 6 | 22,8 | 21 x 25 Z6   | 42 | 2,25           |
| 3GA2      | SGOA 2020     | 20 | 42 | 82  | 18 | 320    | 440    | 120          | 6 | 22,8 | 21 x 25 Z6   | 42 | 2,46           |
| 3GA23     | SGOA 2023     | 20 | 42 | 82  | 18 | 380    | 560    | 180          | 6 | 22,8 | 21 x 25 Z6   | 42 | 2,86           |
| 3GA26     | SGOA 2026     | 20 | 42 | 82  | 18 | 420    | 640    | 220          | 6 | 22,8 | 21 x 25 Z6   | 42 | 3,13           |
| 3GA29     | SGOA 2029     | 20 | 42 | 82  | 18 | 500    | 800    | 300          | 6 | 22,8 | 21 x 25 Z6   | 42 | 3,66           |
| 4GA05     | SGOA 2205     | 22 | 45 | 95  | 22 | 250    | 280    | 30           | 6 | 24,8 | 23 x 28 Z6   | 47 | 2,35           |
| 4GA1      | SGOA 2210     | 22 | 45 | 95  | 22 | 270    | 320    | 50           | 6 | 24,8 | 23 x 28 Z6   | 47 | 2,51           |
| 4GA15     | SGOA 2215     | 22 | 45 | 95  | 22 | 290    | 350    | 60           | 6 | 24,8 | 23 x 28 Z6   | 47 | 2,67           |
| 4GA2      | SGOA 2220     | 22 | 45 | 95  | 22 | 330    | 430    | 100          | 6 | 24,8 | 23 x 28 Z6   | 47 | 3,00           |
| 4GA23     | SGOA 2223     | 22 | 45 | 95  | 22 | 350    | 470    | 120          | 6 | 24,8 | 23 x 28 Z6   | 47 | 3,16           |
| 4GA26     | SGOA 2226     | 22 | 45 | 95  | 22 | 470    | 710    | 240          | 6 | 24,8 | 23 x 28 Z6   | 47 | 4,13           |
| 5GA1      | SGOA 2510     | 25 | 50 | 108 | 26 | 295    | 345    | 50           | 8 | 28,3 | 26 x 32 Z6   | 52 | 3,39           |
| 5GA15     | SGOA 2515     | 25 | 50 | 108 | 26 | 310    | 375    | 65           | 8 | 28,3 | 26 x 32 Z6   | 52 | 3,52           |
| 5GA2      | SGOA 2520     | 25 | 50 | 108 | 26 | 350    | 450    | 100          | 8 | 28,3 | 26 x 32 Z6   | 52 | 3,92           |

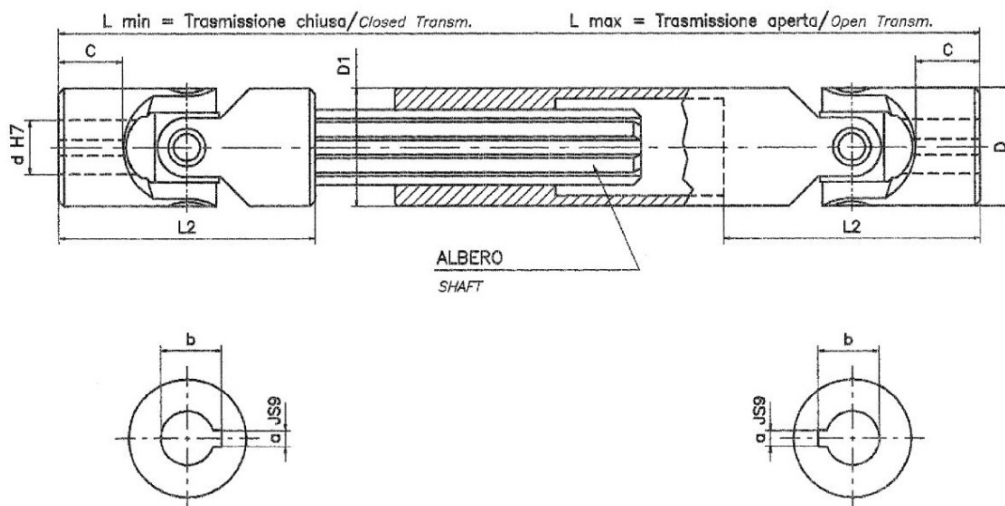


# TRASMISSIONI ALLUNGABILI STANDARD STANDARD EXTENSIBLE TRANSMISSIONS

serie  
series

«G»  
(DIN 808)

- Giunti serie "G" con bussole di scorrimento anti-usura.  
Joints series "G" with wear resistant sliding bushes.
- Completi di cave per linguetta,  
Complete with keyways.
- Ampia gamma di lunghezze per ogni modello.  
Wide range of lengths per model.
- Consegna pronta.  
Ready delivery.



| Mod. Type | Codice / Code | d  | D  | L2  | C  | L min. | L max. | corsa stroke | a | b    | Albero Shaft | D1 | Peso Weight Kg |
|-----------|---------------|----|----|-----|----|--------|--------|--------------|---|------|--------------|----|----------------|
| 5GA23     | SGOA 2523     | 25 | 50 | 108 | 26 | 380    | 500    | 120          | 8 | 28,3 | 26 x 32 Z6   | 52 | 4,20           |
| 5GA26     | SGOA 2526     | 25 | 50 | 108 | 26 | 420    | 590    | 170          | 8 | 28,3 | 26 x 32 Z6   | 52 | 4,59           |
| 5GA29     | SGOA 2529     | 25 | 50 | 108 | 26 | 460    | 660    | 200          | 8 | 28,3 | 26 x 32 Z6   | 52 | 4,98           |
| 5GA32     | SGOA 2532     | 25 | 50 | 108 | 26 | 500    | 745    | 245          | 8 | 28,3 | 26 x 32 Z6   | 52 | 5,37           |
| 6GA1      | SGOA 3010     | 30 | 58 | 122 | 29 | 330    | 380    | 50           | 8 | 33,3 | 32 x 38 Z8   | 58 | 4,90           |
| 6GA15     | SGOA 3015     | 30 | 58 | 122 | 29 | 350    | 420    | 70           | 8 | 33,3 | 32 x 38 Z8   | 58 | 5,17           |
| 6GA18     | SGOA 3018     | 30 | 58 | 122 | 29 | 370    | 455    | 85           | 8 | 33,3 | 32 x 38 Z8   | 58 | 5,42           |
| 6GA2      | SGOA 3020     | 30 | 58 | 122 | 29 | 400    | 510    | 110          | 8 | 33,3 | 32 x 38 Z8   | 58 | 5,85           |
| 6GA23     | SGOA 3023     | 30 | 58 | 122 | 29 | 450    | 620    | 170          | 8 | 33,3 | 32 x 38 Z8   | 58 | 6,48           |
| 6GA26     | SGOA 3026     | 30 | 58 | 122 | 29 | 500    | 720    | 220          | 8 | 33,3 | 32 x 38 Z8   | 58 | 7,14           |
| 6GA29     | SGOA 3029     | 30 | 58 | 122 | 29 | 540    | 795    | 255          | 8 | 33,3 | 32 x 38 Z8   | 58 | 7,69           |
|           |               |    |    |     |    |        |        |              |   |      |              |    |                |



- Giunti serie "G" con bussole di scorrimento anti-usura.  
Joints series "G" with wear resistant sliding bushes.

- Lunghezze min. e max. a richiesta:  
Min. and max. lengths on request:

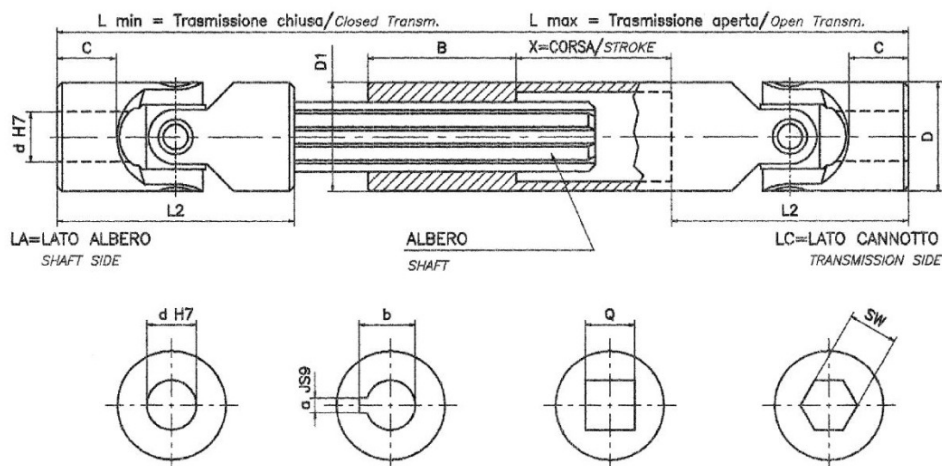
$$L. MIN. \geq \frac{L. MAX. + 2 L2 + B}{2}$$

$$MIN. L.$$

$$CORSAX \geq \frac{L. MAX. - 2 L2 - B}{2}$$

$$STROKE X$$

- Esecuzioni speciali a richiesta  
Special execution on request.



| Mod. Type                | d  | D  | L2  | C  | L min. | L max. | x | B  | a  | b    | Q  | SW | Albero Shaft | D1 |
|--------------------------|----|----|-----|----|--------|--------|---|----|----|------|----|----|--------------|----|
| a richiesta - on request |    |    |     |    |        |        |   |    |    |      |    |    |              |    |
| 01GA                     | 6  | 16 | 34  | 8  | ←      | →      | — | 25 | 2  | 7    | 6  | 6  | SW 8         | 16 |
| 02GA                     | 8  | 16 | 40  | 11 | ←      | →      | — | 25 | 2  | 9    | 8  | 8  | SW 8         | 16 |
| 03GA                     | 10 | 22 | 48  | 12 | ←      | →      | — | 30 | 3  | 11,4 | 10 | 10 | 11 x 14 Z6   | 22 |
| 04GA                     | 12 | 25 | 56  | 13 | ←      | →      | — | 40 | 4  | 13,8 | 12 | 12 | 13 x 16 Z6   | 26 |
| 05GA                     | 14 | 28 | 60  | 14 | ←      | →      | — | 40 | 5  | 16,3 | 14 | 14 | 13 x 16 Z6   | 29 |
| 1GA                      | 16 | 32 | 68  | 16 | ←      | →      | — | 40 | 5  | 18,3 | 16 | 16 | 16 x 20 Z6   | 32 |
| 2GA                      | 18 | 36 | 74  | 17 | ←      | →      | — | 40 | 6  | 20,8 | 18 | 18 | 18 x 22 Z6   | 37 |
| 3GA                      | 20 | 42 | 82  | 18 | ←      | →      | — | 45 | 6  | 22,8 | 20 | 20 | 21 x 25 Z6   | 42 |
| 4GA                      | 22 | 45 | 95  | 22 | ←      | →      | — | 45 | 6  | 24,8 | 22 | 22 | 23 x 28 Z6   | 47 |
| 5GA                      | 25 | 50 | 108 | 26 | ←      | →      | — | 45 | 8  | 28,3 | 25 | 25 | 26 x 32 Z6   | 52 |
| 6GA                      | 30 | 58 | 122 | 29 | ←      | →      | — | 50 | 8  | 33,3 | 30 | 30 | 32 x 38 Z8   | 58 |
| 7GA                      | 35 | 70 | 140 | 35 | ←      | →      | — | 70 | 10 | 38,3 | ** | ** | 36 x 42 Z8   | 70 |
| 8GA                      | 40 | 80 | 160 | 39 | ←      | →      | — | 80 | 12 | 43,3 | ** | ** | 42 x 48 Z8   | 80 |
| 9GA                      | 50 | 95 | 190 | 46 | ←      | →      | — | 90 | 14 | 53,8 | ** | ** | 46 x 54 Z8   | 95 |
| 03GBA                    | 10 | 16 | 52  | 15 | ←      | →      | — | 25 | 3  | 11,4 | 8  | 8  | SW 8         | 16 |
| 04GBA                    | 12 | 22 | 62  | 18 | ←      | →      | — | 30 | 4  | 13,8 | 10 | 10 | 11 x 14 Z6   | 22 |
| 1GBA                     | 16 | 25 | 74  | 21 | ←      | →      | — | 40 | 5  | 18,3 | 12 | 12 | 13 x 16 Z6   | 26 |
| 3GBA                     | 20 | 32 | 86  | 24 | ←      | →      | — | 40 | 6  | 22,8 | 16 | 16 | 16 x 20 Z6   | 32 |
| 5GBA                     | 25 | 42 | 108 | 31 | ←      | →      | — | 45 | 8  | 28,3 | 20 | 20 | 21 x 25 Z6   | 42 |
| 6GBA                     | 30 | 50 | 132 | 38 | ←      | →      | — | 45 | 8  | 33,3 | 25 | 25 | 26 x 32 Z6   | 52 |
| 8GBA                     | 40 | 70 | 166 | 47 | ←      | →      | — | 70 | 12 | 43,3 | ** | ** | 36 x 42 Z8   | 70 |



# GIUNTI SINGOLI - INNESTO RAPIDO

Mod. GR: Bussole di Scorrimento

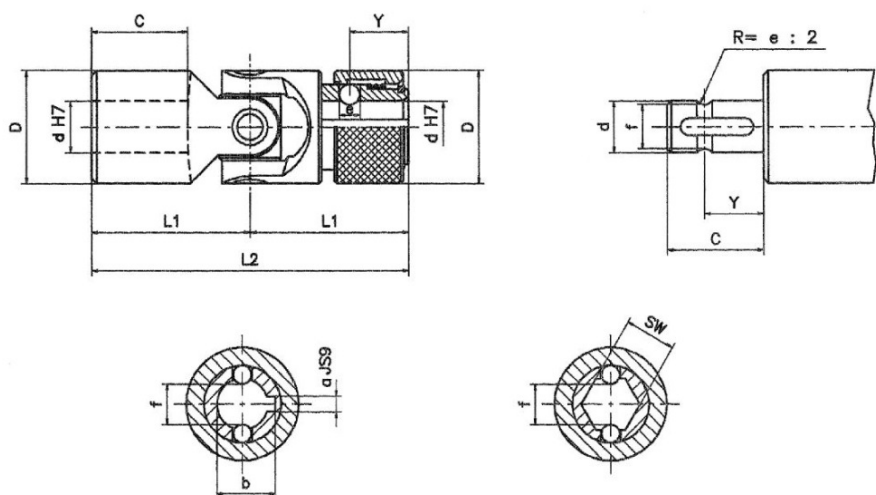
SINGLE JOINTS - QUICK RELEASE

Type GR: Sliding Bushes

serie  
series

«G»  
(DIN 808)

- Giri max. 1000/min.  
Max speed 1000 R.P.M.
- Angolo max. 45°  
Max. angle 45°



| Mod.<br>Type | d  | D  | L2  | L1 | C  | Y    | e    | f         | Codice / Code<br> | a | b    | Codice / Code<br> | SW         |
|--------------|----|----|-----|----|----|------|------|-----------|------------------------------------------------------------------------------------------------------|---|------|--------------------------------------------------------------------------------------------------------|------------|
| 02GR         | 8  | 16 | 52  | 26 | 14 | 9,5  | 3,5  | 6,3       | SGOR 081C                                                                                            | 2 | 9    | SGOR 08SW                                                                                              | 8          |
| 03GR         | 10 | 22 | 62  | 31 | 17 | 11,5 | 4    | 8,7 (8)   | SGOR 101C                                                                                            | 3 | 11   | SGOR 10SW                                                                                              | 10 (9,06)  |
| 04GR         | 12 | 25 | 74  | 37 | 21 | 13,5 | 4    | 11 (10,5) | SGOR 121C                                                                                            | 4 | 13,3 | SGOR 12SW                                                                                              | 12 (11,15) |
| 05GR         | 14 | 25 | 74  | 37 | 21 | 13,5 | 4    | 13        | SGOR 141C                                                                                            | 5 | 15,3 | SGOR 14SW                                                                                              | 14         |
| 1GR          | 16 | 32 | 86  | 43 | 24 | 14   | 6,35 | 14,8      | SGOR 161C                                                                                            | 5 | 17,3 | SGOR 16SW                                                                                              | 16         |
| 2GR          | 18 | 36 | 96  | 48 | 28 | 19   | 8    | 16        | SGOR 181C                                                                                            | 6 | 19,8 | SGOR 18SW                                                                                              | 18         |
| 3GR          | 20 | 42 | 108 | 54 | 31 | 19   | 8    | 18        | SGOR 201C                                                                                            | 6 | 22,8 | SGOR 20SW                                                                                              | 20         |
| 4GR          | 22 | 45 | 120 | 60 | 34 | 20,5 | 10   | 20        | SGOR 221C                                                                                            | 6 | 24,8 | SGOR 22SW                                                                                              | 22         |
| 5GR          | 25 | 50 | 132 | 66 | 38 | 20,5 | 10   | 23        | SGOR 251C                                                                                            | 8 | 28,3 | SGOR 25SW                                                                                              | 25         |
| 6GR          | 30 | 58 | 166 | 83 | 49 | 25   | 10   | 28        | SGOR 301C                                                                                            | 8 | 33,3 | SGOR 30SW                                                                                              | 30         |

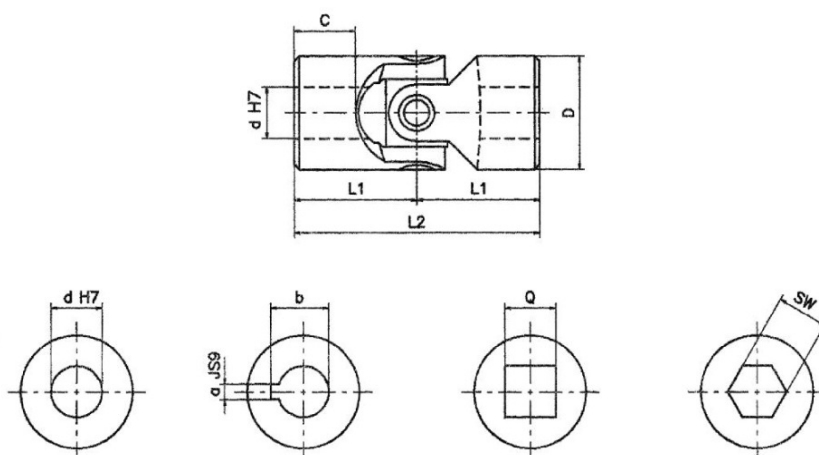


# GIUNTI SINGOLI ALTA VELOCITA' CON CUSCINETTI A RULLINI HIGH SPEED SINGLE JOINTS WITH NEEDLE ROLLER BEARINGS

serie  
series

«H»  
(DIN 808)

- Cuscinetti a rullini lubrificati a vita. Nessuna manutenzione  
Roller bearings lubricated for life. No maintenance required.
- Precisi e versatili, silenziosi e scorrevoli;  
Vasto campo di applicazione.  
Precise and versatile, silent and smooth running;  
wide application field.
- Angolo max 45°. Giri max. 4000/min.  
Max angle 45°. Max speed 4000 R.P.M.
- "H" corrispondenti DIN 808 - "HB" corrispondenti DIN 808/7551  
"H" to DIN 808 - "HB" to DIN 808/7551
- Esecuzioni speciali a richiesta.  
Special execution on request.



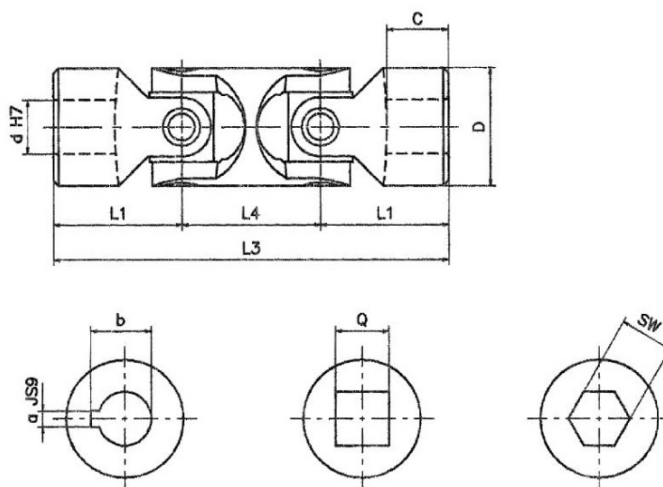
| Mod.<br>Type | Codice / Code | d  | D  | L2  | L1   | C  | Codice / Code | Codice / Code | a  | b    | Codice / Code | Q  | *<br>SW | Peso<br>Weight<br>Kg |
|--------------|---------------|----|----|-----|------|----|---------------|---------------|----|------|---------------|----|---------|----------------------|
| 03H          | SHOS 1000     | 10 | 22 | 48  | 24   | 12 | SHOS 101C     | SHOS 102C     | 3  | 11,4 | SHOS 102Q     | 10 | 10      | 0,10                 |
| 04H          | SHOS 1200     | 12 | 25 | 56  | 28   | 13 | SHOS 121C     | SHOS 122C     | 4  | 13,8 | SHOS 122Q     | 12 | 12      | 0,16                 |
| 05H          | SHOS 1400     | 14 | 28 | 60  | 30   | 14 | SHOS 141C     | SHOS 142C     | 5  | 16,3 | SHOS 142Q     | 14 | 14      | 0,20                 |
| 1H           | SHOS 1600     | 16 | 32 | 68  | 34   | 16 | SHOS 161C     | SHOS 162C     | 5  | 18,3 | SHOS 162Q     | 16 | 16      | 0,30                 |
| 2H           | SHOS 1800     | 18 | 36 | 74  | 37   | 17 | SHOS 181C     | SHOS 182C     | 6  | 20,8 | SHOS 182Q     | 18 | 18      | 0,45                 |
| 3H           | SHOS 2000     | 20 | 42 | 82  | 41   | 18 | SHOS 201C     | SHOS 202C     | 6  | 22,8 | SHOS 202Q     | 20 | 20      | 0,60                 |
| 4H           | SHOS 2200     | 22 | 45 | 95  | 47,5 | 22 | SHOS 221C     | SHOS 222C     | 6  | 24,8 | SHOS 222Q     | 22 | 22      | 0,95                 |
| 5H           | SHOS 2500     | 25 | 50 | 108 | 54   | 26 | SHOS 251C     | SHOS 252C     | 8  | 28,3 | SHOS 252Q     | 25 | 25      | 1,20                 |
| 6H           | SHOS 3000     | 30 | 58 | 122 | 61   | 29 | SHOS 301C     | SHOS 302C     | 8  | 33,3 | SHOS 302Q     | 30 | 30      | 1,85                 |
| 6H1          | SHOS 3200     | 32 | 58 | 130 | 65   | 33 | SHOS 321C     | SHOS 322C     | 10 | 35,3 | SHOS 322Q     | 30 | 30      | 2,00                 |
| 7H           | SHOS 3500     | 35 | 70 | 140 | 70   | 35 | SHOS 351C     | SHOS 352C     | 10 | 38,3 | —             | ** | **      | 3,15                 |
| 8H           | SHOS 4000     | 40 | 80 | 160 | 80   | 39 | SHOS 401C     | SHOS 402C     | 12 | 43,3 | —             | ** | **      | 4,60                 |
| 9H           | SHOS 5000     | 50 | 95 | 190 | 95   | 46 | SHOS 501C     | SHOS 502C     | 14 | 53,8 | —             | ** | **      | 7,60                 |
| 04HB         | SHBS 1200     | 12 | 22 | 62  | 31   | 18 | SHBS 121C     | SHBS 122C     | 4  | 13,8 | SHBS 102Q     | 10 | 10      | 0,12                 |
| 1HB          | SHBS 1600     | 16 | 25 | 74  | 37   | 21 | SHBS 161C     | SHBS 162C     | 5  | 18,3 | SHBS 122Q     | 12 | 12      | 0,20                 |
| 3HB          | SHBS 2000     | 20 | 32 | 86  | 43   | 24 | SHBS 201C     | SHBS 202C     | 6  | 22,8 | SHBS 162Q     | 16 | 16      | 0,35                 |
| 5HB          | SHBS 2500     | 25 | 42 | 108 | 54   | 31 | SHBS 251C     | SHBS 252C     | 8  | 28,3 | SHBS 202Q     | 20 | 20      | 0,80                 |
| 6HB          | SHBS 3000     | 30 | 50 | 132 | 66   | 38 | SHBS 301C     | SHBS 302C     | 8  | 33,3 | SHBS 252Q     | 25 | 25      | 1,20                 |
| 8HB          | SHBS 4000     | 40 | 70 | 166 | 83   | 47 | SHBS 401C     | SHBS 402C     | 12 | 43,3 | —             | ** | **      | 2,90                 |



# GIUNTI DOPPI ALTA VELOCITA' CON CUSCINETTI A RULLINI HIGH SPEED DOUBLE JOINTS WITH NEEDLE ROLLER BEARINGS

serie «H»  
series (DIN 808)

- Cuscinetti a rullini lubrificati a vita. Nessuna manutenzione  
Roller bearings lubricated for life. No maintenance required.
- Precisi e versatili, silenziosi e scorrevoli;  
Vasto campo di applicazione.  
Precise and versatile, silent and smooth running;  
wide application field.
- Angolo max 90°. Giri max. 4000/min.  
Max angle 90°. Max speed 4000 R.P.M.
- "HD" corrispondenti DIN 808 - "HBD" corrispondenti DIN 808/7551  
"HD" ti DIN 808 - "HBD" to DIN 808/7551
- Esecuzioni speciali a richiesta.  
Special executions on request.



| Mod.<br>Type | Codice / Code | d  | D  | L3  | L1   | L4  | C  | Codice / Code | Codice / Code | a  | b    | Codice / Code | Q  | *<br>SW | Peso<br>Weight<br>Kg |
|--------------|---------------|----|----|-----|------|-----|----|---------------|---------------|----|------|---------------|----|---------|----------------------|
| 03HD         | SHOD 1000     | 10 | 22 | 74  | 24   | 26  | 12 | SHOD 101C     | SHOD 102C     | 3  | 11,4 | SHOD 102Q     | 10 | 10      | 0,15                 |
| 04HD         | SHOD 1200     | 12 | 25 | 86  | 28   | 30  | 13 | SHOD 121C     | SHOD 122C     | 4  | 13,8 | SHOD 122Q     | 12 | 12      | 0,25                 |
| 05HD         | SHOD 1400     | 14 | 28 | 96  | 30   | 36  | 14 | SHOD 141C     | SHOD 142C     | 5  | 16,3 | SHOD 142Q     | 14 | 14      | 0,40                 |
| 1HD          | SHOD 1600     | 16 | 32 | 104 | 34   | 36  | 16 | SHOD 161C     | SHOD 162C     | 5  | 18,3 | SHOD 162Q     | 16 | 16      | 0,45                 |
| 2HD          | SHOD 1800     | 18 | 36 | 114 | 37   | 40  | 17 | SHOD 181C     | SHOD 182C     | 6  | 20,8 | SHOD 182Q     | 18 | 18      | 0,70                 |
| 3HD          | SHOD 2000     | 20 | 42 | 128 | 41   | 46  | 18 | SHOD 201C     | SHOD 202C     | 6  | 22,8 | SHOD 202Q     | 20 | 20      | 1,00                 |
| 4HD          | SHOD 2200     | 22 | 45 | 145 | 47,5 | 50  | 22 | SHOD 221C     | SHOD 222C     | 6  | 24,8 | SHOD 222Q     | 22 | 22      | 1,55                 |
| 5HD          | SHOD 2500     | 25 | 50 | 163 | 54   | 55  | 26 | SHOD 251C     | SHOD 252C     | 8  | 28,3 | SHOD 252Q     | 25 | 25      | 2,00                 |
| 6HD          | SHOD 3000     | 30 | 58 | 190 | 61   | 68  | 29 | SHOD 301C     | SHOD 302C     | 8  | 33,3 | SHOD 302Q     | 30 | 30      | 2,90                 |
| 6HD1         | SHOD 3200     | 32 | 58 | 198 | 65   | 68  | 33 | SHOD 321C     | SHOD 322C     | 10 | 35,3 | SHOD 322Q     | 30 | 30      | 3,00                 |
| 7HD          | SHOD 3500     | 35 | 70 | 212 | 70   | 72  | 35 | SHOD 351C     | SHOD 352C     | 10 | 38,3 | —             | ** | **      | 4,75                 |
| 8HD          | SHOD 4000     | 40 | 80 | 245 | 80   | 85  | 39 | SHOD 401C     | SHOD 402C     | 12 | 43,3 | —             | ** | **      | 7,20                 |
| 9HD          | SHOD 5000     | 50 | 95 | 290 | 95   | 100 | 46 | SHOD 501C     | SHOD 502C     | 14 | 53,8 | —             | ** | **      | 12,00                |
| 04HBD        | SHBD 1200     | 12 | 22 | 88  | 31   | 26  | 18 | SHBD 121C     | SHBD 122C     | 4  | 13,8 | SHBD 102Q     | 10 | 10      | 0,20                 |
| 1HBD         | SHBD 1600     | 16 | 25 | 104 | 37   | 30  | 21 | SHBD 161C     | SHBD 162C     | 5  | 18,3 | SHBD 122Q     | 12 | 12      | 0,30                 |
| 3HBD         | SHBD 2000     | 20 | 32 | 124 | 43   | 38  | 24 | SHBD 201C     | SHBD 202C     | 6  | 22,8 | SHBD 162Q     | 16 | 16      | 0,50                 |
| 5HBD         | SHBD 2500     | 25 | 42 | 156 | 54   | 48  | 31 | SHBD 251C     | SHBD 252C     | 8  | 28,3 | SHBD 202Q     | 20 | 20      | 1,20                 |
| 6HBD         | SHBD 3000     | 30 | 50 | 188 | 66   | 56  | 38 | SHBD 301C     | SHBD 302C     | 8  | 33,3 | SHBD 252Q     | 25 | 25      | 1,70                 |
| 8HBD         | SHBD 4000     | 40 | 70 | 238 | 83   | 72  | 47 | SHBD 401C     | SHBD 402C     | 12 | 43,3 | —             | ** | **      | 4,30                 |



# TRASMISSIONI ALLUNGABILI ALTA VELOCITA' EXTENSIBLE TRANSMISSIONS HIGH SPEED

serie «H»  
series (DIN 808)

- Giunti serie "H" alta velocità con cuscinetti a rullini.  
High speed joints series "H" with needle roller bearings.

- Lunghezze min. e max. a richiesta:  
Min. and max. lengths on request:

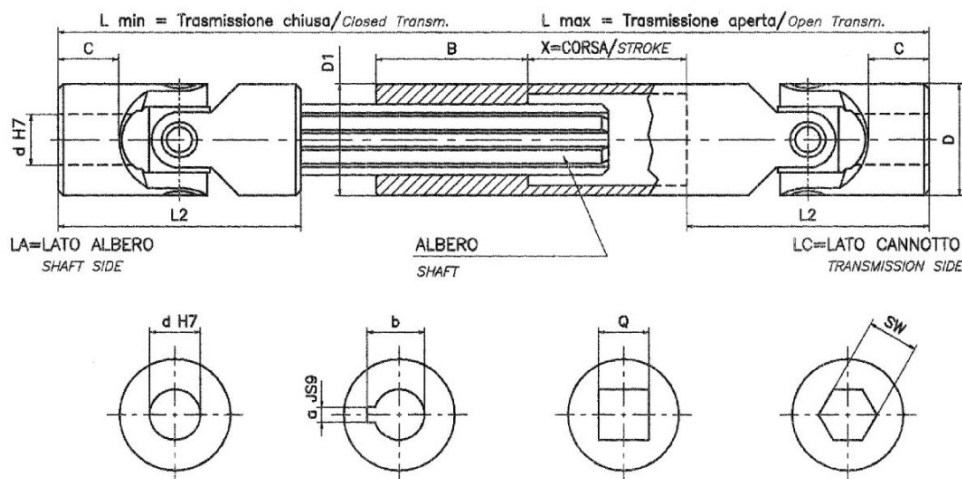
$$L. MIN. \geq \frac{L. MAX. + 2 L2 + B}{2}$$

MIN. L.

$$CORSA X \geq \frac{L. MAX. - 2 L2 - B}{2}$$

STROKE X

- Esecuzioni speciali a richiesta.  
Special executions on request.



| Mod.<br>Type | d  | D  | L2  | C  | L min.                   | L max. | x | B  | a  | b    | Q  | SW | Albero<br>Shaft | D1 |
|--------------|----|----|-----|----|--------------------------|--------|---|----|----|------|----|----|-----------------|----|
|              |    |    |     |    | a richiesta - on request |        |   |    |    |      |    |    |                 |    |
| 03HA         | 10 | 22 | 48  | 12 | ←                        | →      | — | 30 | 3  | 11,4 | 10 | 10 | 11 x 14 Z6      | 22 |
| 04HA         | 12 | 25 | 56  | 13 | ←                        | →      | — | 40 | 4  | 13,8 | 12 | 12 | 13 x 16 Z6      | 26 |
| 05HA         | 14 | 28 | 60  | 14 | ←                        | →      | — | 40 | 5  | 16,3 | 14 | 14 | 13 x 16 Z6      | 29 |
| 1HA          | 16 | 32 | 68  | 16 | ←                        | →      | — | 40 | 5  | 18,3 | 16 | 16 | 16 x 20 Z6      | 32 |
| 2HA          | 18 | 36 | 74  | 17 | ←                        | →      | — | 40 | 6  | 20,8 | 18 | 18 | 18 x 22 Z6      | 37 |
| 3HA          | 20 | 42 | 82  | 18 | ←                        | →      | — | 45 | 6  | 22,8 | 20 | 20 | 21 x 25 Z6      | 42 |
| 4HA          | 22 | 45 | 95  | 22 | ←                        | →      | — | 45 | 6  | 24,8 | 22 | 22 | 23 x 28 Z6      | 47 |
| 5HA          | 25 | 50 | 108 | 26 | ←                        | →      | — | 45 | 8  | 28,3 | 25 | 25 | 26 x 32 Z6      | 52 |
| 6HA          | 30 | 58 | 122 | 29 | ←                        | →      | — | 50 | 8  | 33,3 | 30 | 30 | 32 x 38 Z8      | 58 |
| 7HA          | 35 | 70 | 140 | 35 | ←                        | →      | — | 70 | 10 | 38,3 | ** | ** | 36 x 42 Z8      | 70 |
| 8HA          | 40 | 80 | 160 | 39 | ←                        | →      | — | 80 | 12 | 43,3 | ** | ** | 42 x 48 Z8      | 80 |
| 9HA          | 50 | 95 | 190 | 46 | ←                        | →      | — | 90 | 14 | 53,8 | ** | ** | 46 x 54 Z8      | 95 |
|              |    |    |     |    |                          |        |   |    |    |      |    |    |                 |    |
| 04HBA        | 12 | 22 | 62  | 18 | ←                        | →      | — | 30 | 4  | 13,8 | 10 | 10 | 11 x 14 Z6      | 22 |
| 1HBA         | 16 | 25 | 74  | 21 | ←                        | →      | — | 40 | 5  | 18,3 | 12 | 12 | 13 x 16 Z6      | 26 |
| 3HBA         | 20 | 32 | 86  | 24 | ←                        | →      | — | 40 | 6  | 22,8 | 16 | 16 | 16 x 20 Z6      | 32 |
| 5HBA         | 25 | 42 | 108 | 31 | ←                        | →      | — | 45 | 8  | 28,3 | 20 | 20 | 21 x 25 Z6      | 42 |
| 6HBA         | 30 | 50 | 132 | 38 | ←                        | →      | — | 45 | 8  | 33,3 | 25 | 25 | 26 x 32 Z6      | 52 |
| 8HBA         | 40 | 70 | 166 | 47 | ←                        | →      | — | 70 | 12 | 43,3 | ** | ** | 36 x 42 Z8      | 70 |



# GIUNTI SINGOLI - INNESTO RAPIDO

Mod. HR: Cuscinetti a rullini

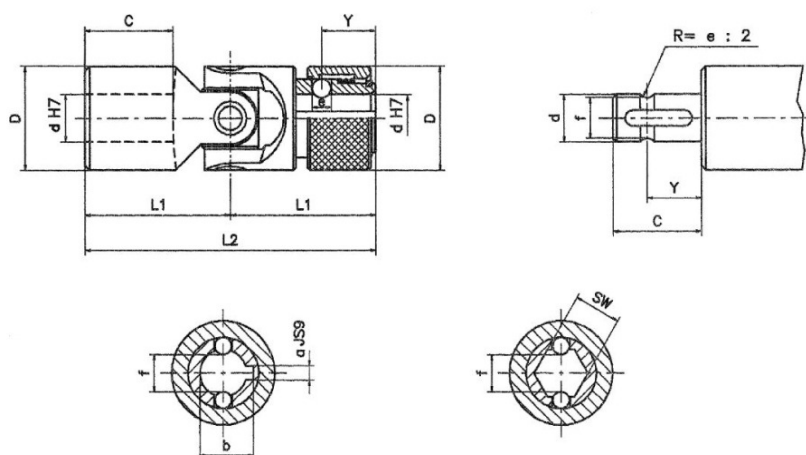
SINGLE JOINTS - QUICK RELEASE

Type HR: Needle Roller Bearings

serie  
series

«H»  
(DIN 808)

- Giri max. 4000/min.  
Max. speed 4000 R.P.M.
- Angolo max. 45°  
Max. angle 45°



| Mod.<br>Type | d  | D  | L2  | L1 | C  | Y    | e    | f         | Codice / Code | a | b    | Codice / Code | SW         |
|--------------|----|----|-----|----|----|------|------|-----------|---------------|---|------|---------------|------------|
| —            | —  | —  | —   | —  | —  | —    | —    | —         | —             | — | —    | —             | —          |
| 03HR         | 10 | 22 | 62  | 31 | 17 | 11,5 | 4    | 8,7 (8)   | SHOR 101C     | 3 | 11   | SHOR 10SW     | 10 (9,06)  |
| 04HR         | 12 | 25 | 74  | 37 | 21 | 13,5 | 4    | 11 (10,5) | SHOR 121C     | 4 | 13,3 | SHOR 12SW     | 12 (11,15) |
| 05HR         | 14 | 25 | 74  | 37 | 21 | 13,5 | 4    | 13        | SHOR 141C     | 5 | 15,3 | SHOR 14SW     | 14         |
| 1HR          | 16 | 32 | 86  | 43 | 24 | 14   | 6,35 | 14,8      | SHOR 161C     | 5 | 17,3 | SHOR 16SW     | 16         |
| 2HR          | 18 | 36 | 96  | 48 | 28 | 19   | 8    | 16        | SHOR 181C     | 6 | 19,8 | SHOR 18SW     | 18         |
| 3HR          | 20 | 42 | 108 | 54 | 31 | 19   | 8    | 18        | SHOR 201C     | 6 | 22,8 | SHOR 20SW     | 20         |
| 4HR          | 22 | 45 | 120 | 60 | 34 | 20,5 | 10   | 20        | SHOR 221C     | 6 | 24,8 | SHOR 22SW     | 22         |
| 5HR          | 25 | 50 | 132 | 66 | 38 | 20,5 | 10   | 23        | SHOR 251C     | 8 | 28,3 | SHOR 25SW     | 25         |
| 6HR          | 30 | 58 | 166 | 83 | 49 | 25   | 10   | 28        | SHOR 301C     | 8 | 33,3 | SHOR 30SW     | 30         |



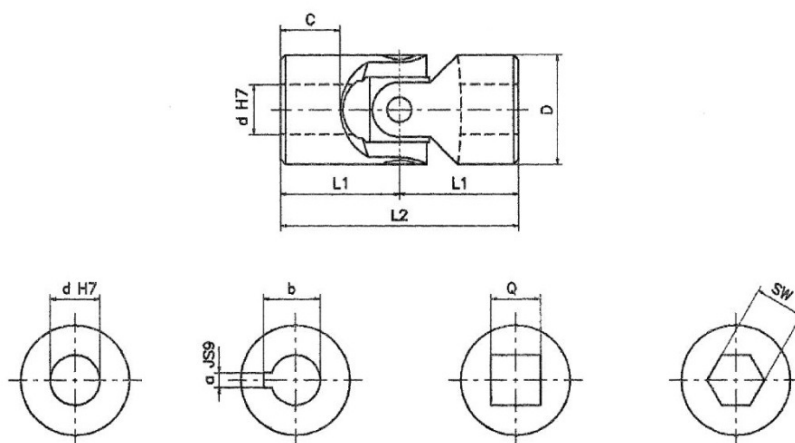
# GIUNTI SINGOLI IN ACCIAIO INOX

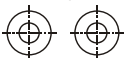
## STAINLESS STEEL SINGLE JOINTS

serie  
series

«X»  
(DIN 808)

- Angolo max. 45°  
Max angle 45°
- Esecuzioni speciali a richiesta.  
Special executions on request.



| Mod.<br>Type | Codice / Code<br> | d  | D  | L2  | L1 | C  | a * | b *  | Q * | SW * | Peso<br>Weight<br>Kg |
|--------------|------------------------------------------------------------------------------------------------------|----|----|-----|----|----|-----|------|-----|------|----------------------|
| 01X          | SXOS 0600                                                                                            | 6  | 16 | 34  | 17 | 8  | 2   | 7    | 6   | 6    | 0,05                 |
| 02X          | SXOS 0800                                                                                            | 8  | 16 | 40  | 20 | 11 | 2   | 9    | 8   | 8    | 0,05                 |
| 03X          | SXOS 1000                                                                                            | 10 | 22 | 48  | 24 | 12 | 3   | 11,4 | 10  | 10   | 0,10                 |
| 04X          | SXOS 1200                                                                                            | 12 | 25 | 56  | 28 | 13 | 4   | 13,8 | 12  | 12   | 0,16                 |
| 1X           | SXOS 1600                                                                                            | 16 | 32 | 68  | 34 | 16 | 5   | 18,3 | 16  | 16   | 0,30                 |
| 3X           | SXOS 2000                                                                                            | 20 | 42 | 82  | 41 | 18 | 6   | 22,8 | 20  | 20   | 0,60                 |
| 5X           | SXOS 2500                                                                                            | 25 | 50 | 108 | 54 | 26 | 8   | 28,3 | 25  | 25   | 1,20                 |
| 6X           | SXOS 3000                                                                                            | 30 | 58 | 122 | 61 | 29 | 8   | 33,3 | 30  | 30   | 1,85                 |

\*= Non sempre disponibile a magazzino / Not always available in stock

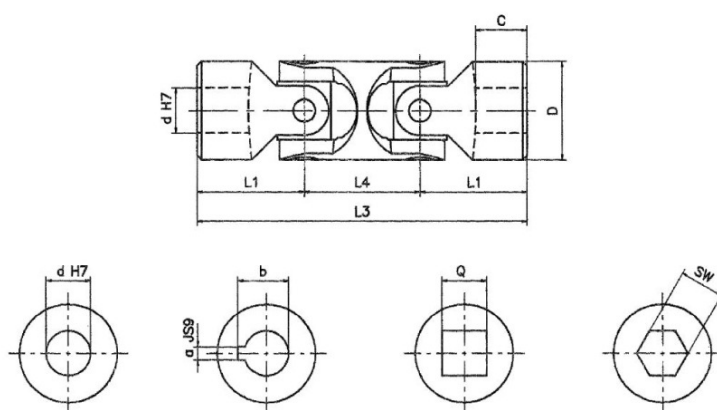


# GIUNTI DOPPI IN ACCIAIO INOX

## STAINLESS STEEL DOUBLE JOINTS

serie «X»  
series (DIN 808)

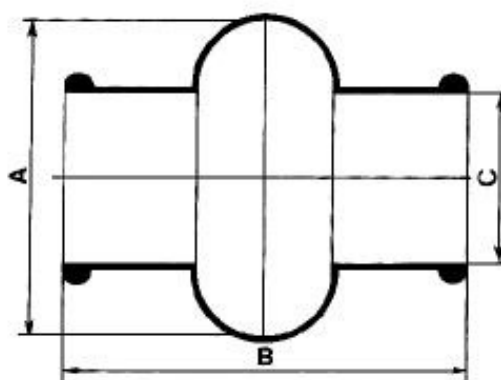
- Angolo max. 90°  
Max angle 90°
- Esecuzioni speciali a richiesta.  
Special execution on request.



| Mod.<br>Type | Codice / Code | d  | D  | L3  | L1 | L4 | C  | a * | b *  | Q * | SW * | Peso<br>Weight<br>Kg |
|--------------|---------------|----|----|-----|----|----|----|-----|------|-----|------|----------------------|
| 01XD         | SXOD 0600     | 6  | 16 | 56  | 17 | 22 | 8  | 2   | 7    | 6   | 6    | 0,08                 |
| 02XD         | SXOD 0800     | 8  | 16 | 62  | 20 | 22 | 11 | 2   | 9    | 8   | 8    | 0,08                 |
| 03XD         | SXOD 1000     | 10 | 22 | 74  | 24 | 26 | 12 | 3   | 11,4 | 10  | 10   | 0,15                 |
| 04XD         | SXOD 1200     | 12 | 25 | 86  | 28 | 30 | 13 | 4   | 13,8 | 12  | 12   | 0,25                 |
| 1XD          | SXOD 1600     | 16 | 32 | 104 | 34 | 36 | 16 | 5   | 18,3 | 16  | 16   | 0,45                 |
| 3XD          | SXOD 2000     | 20 | 42 | 128 | 41 | 46 | 18 | 6   | 22,8 | 20  | 20   | 1,00                 |
| 5XD          | SXOD 2500     | 25 | 50 | 163 | 54 | 55 | 26 | 8   | 28,3 | 25  | 25   | 2,00                 |
| 6XD          | SXOD 3000     | 30 | 58 | 190 | 61 | 68 | 29 | 8   | 33,3 | 30  | 30   | 2,90                 |



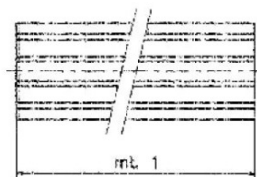
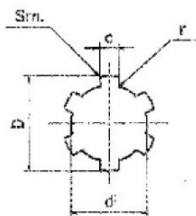
- Gomma speciale al neoprene.  
Special neoprene rubber.
- Resistenti a: acidi, oli, grassi, polvere, umidità.  
Resistant to: acids, oils, greases, dust, moisture.
- Riempiti di grasso, assicurano una costante lubrificazione.  
Filled with grease, they ensure constant lubrication.



| Mod.<br>Type | Codice / Code | A   | B   | C    | Diam. est. Giunti<br>Joints out diam.<br>"D" |
|--------------|---------------|-----|-----|------|----------------------------------------------|
| 01M          | SMOO 1600     | 28  | 34  | 15   | 16                                           |
| 02M          | SMOO 1800     | 32  | 40  | 16,5 | 18                                           |
| 03M          | SMOO 2200     | 40  | 45  | 20,5 | 22                                           |
| 04M          | SMOO 2500     | 48  | 50  | 24,5 | 25/26                                        |
| 05M          | SMOO 2800     | 52  | 56  | 27,5 | 28/29                                        |
| 1M           | SMOO 3200     | 56  | 65  | 30,5 | 32                                           |
| 2M           | SMOO 3600     | 66  | 72  | 35,5 | 36/37                                        |
| 3M           | SMOO 4200     | 75  | 82  | 40   | 42                                           |
| 4M           | SMOO 4500     | 84  | 95  | 45   | 45/47                                        |
| 5M           | SMOO 5000     | 92  | 108 | 50   | 50/52                                        |
| 6M           | SMOO 5800     | 100 | 122 | 56   | 58                                           |



- Materiale: C40.  
Material: C40.
- Lunghezza standard: 1 metro.  
Stock length: 1 meter.
- Altre lunghezze a richiesta.  
Other lengths on request.



| Mod.<br>Type | Codice / Code | D  | d  | c   | Z | Sez. / Section<br>mm <sup>2</sup> | Peso/Weight<br>Kg/m | Tolleranze - Tolerances |               |               | Sm.<br>45° | r   |
|--------------|---------------|----|----|-----|---|-----------------------------------|---------------------|-------------------------|---------------|---------------|------------|-----|
|              |               |    |    |     |   |                                   |                     | D                       | d             | c             |            |     |
| 11AS         | SASO 1100     | 14 | 11 | 3   | 6 | 121,9                             | 0,949               | -0,07<br>-0,20          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,2        | 0,2 |
| 13AS         | SASO 1300     | 16 | 13 | 3,5 | 6 | 164,1                             | 1,287               | -0,07<br>-0,20          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,2        | 0,2 |
| 16AS         | SASO 1600     | 20 | 16 | 4   | 6 | 243,4                             | 1,911               | -0,07<br>-0,25          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,2        | 0,2 |
| 18AS         | SASO 1800     | 22 | 18 | 5   | 6 | 312,4                             | 2,453               | -0,07<br>-0,25          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,2        | 0,2 |
| 21AS         | SASO 2100     | 25 | 21 | 5   | 6 | 399,8                             | 3,139               | -0,07<br>-0,27          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,2        | 0,2 |
| 23AS         | SASO 2300     | 28 | 23 | 6   | 6 | 505,2                             | 3,964               | -0,07<br>-0,27          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,3        | 0,2 |
| 26AS         | SASO 2600     | 32 | 26 | 6   | 6 | 638,6                             | 5,008               | -0,07<br>-0,27          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,3        | 0,3 |
| 32AS         | SASO 3200     | 38 | 32 | 6   | 8 | 947,8                             | 7,433               | -0,07<br>-0,27          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,3        | 0,3 |
| 36AS         | SASO 3600     | 42 | 36 | 7   | 8 | 1185,3                            | 9,302               | -0,07<br>-0,27          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,3        | 0,3 |
| 42AS         | SASO 4200     | 48 | 42 | 8   | 8 | 1576,7                            | 12,371              | -0,07<br>-0,27          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,3        | 0,3 |
| 46AS         | SASO 4600     | 54 | 46 | 9   | 8 | 1949                              | 15,300              | -0,07<br>-0,27          | 0,00<br>-0,08 | 0,00<br>-0,08 | 0,5        | 0,5 |



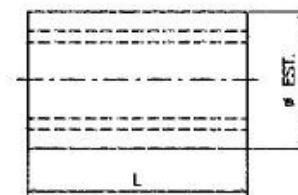
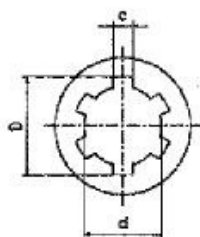
# BOCCOLE BROCCIATE

## SPLINED BUSHES

serie  
series

«BB»

- Materiale: 9 SMnPb 36.  
Material: 9 SMnPb 36.
- Esecuzioni speciali a richiesta.  
Special executions on request.



| Mod.<br>Type | Codice / Code | D  | d  | c   | z | Ø     | TOLL. | L  | Rif. uni<br>Uni Ref. | Peso<br>Weight<br>Kg |
|--------------|---------------|----|----|-----|---|-------|-------|----|----------------------|----------------------|
| 11BB         | SBBO 1100     | 14 | 11 | 3   | 6 | 18,75 | h8    | 30 | 11 UNI               | 0,033                |
| 13BB         | SBBO 1300     | 16 | 13 | 3,5 | 6 | 21,75 | h8    | 40 | 13 UNI               | 0,062                |
| 13BB1        | SBBO 1301     | 16 | 13 | 3,5 | 6 | 24,75 | h8    | 40 | 13 UNI               | 0,097                |
| 16BB         | SBBO 1600     | 20 | 16 | 4   | 6 | 27,75 | h8    | 40 | 16 UNI               | 0,108                |
| 18BB         | SBBO 1800     | 22 | 18 | 5   | 6 | 31,75 | h8    | 40 | 18 UNI               | 0,146                |
| 21BB         | SBBO 2100     | 25 | 21 | 5   | 6 | 35,75 | h8    | 45 | 21 UNI               | 0,208                |
| 23BB         | SBBO 2300     | 28 | 23 | 6   | 6 | 39,70 | h8    | 45 | 23 UNI               | 0,254                |
| 26BB         | SBBO 2600     | 32 | 26 | 6   | 6 | 44,70 | h8    | 45 | 26 UNI               | 0,322                |
| 32BB         | SBBO 3200     | 38 | 32 | 6   | 8 | 49,70 | h8    | 50 | 32 UNI               | 0,380                |
| 36BB         | SBBO 3600     | 42 | 36 | 7   | 8 | 59,70 | h8    | 70 | 36 UNI               | 0,880                |
| 42BB         | SBBO 4200     | 48 | 42 | 8   | 8 | 69,70 | h8    | 80 | 42 UNI               | 1,380                |
| 46BB         | SBBO 4600     | 54 | 46 | 9   | 8 | 81,70 | h8    | 90 | 46 UNI               | 2,324                |