

# Spojky kloubové

Hliník / Nerezová ocel

## SPECIFIKACE

### Označení č.

Č. 2: Se 3 šrouby s válcovou hlavou a vnitřním šestihranem DIN 912 z nerezové oceli

Hliník

- práškově lakováno  
barva černá, RAL 9005, povrch s texturou **SW**
- Bez popisu, matně pískovaný **BL**

Nerezová ocel AISI CF-8 **NI**

matně pískovaná

Šrouby s válcovou hlavou a vnitřním šestihranem DIN 912

Nerezová ocel AISI 304

Šestihranné matice DIN 985

Nerezová ocel AISI 304

Samozajíšťovací díky polyamidovému kroužku



## INFORMACE

Spojky kloubové GN 287 vznikly smontováním dvou spojek otočných GN 275 (viz strana 1854) a GN 277 (viz strana 1855).

Upínací otvory jsou mechanicky obrobené a navrženy pro konstrukční trubky GN 990 (viz strana 1902) nebo DIN 2391, DIN 2395 a DIN 2462.

V místě šroubů **z<sub>1</sub>** dochází ze strany šroubů s válcovou hlavou ke snížení průřezu otvoru pro uchycení.

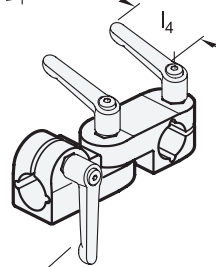
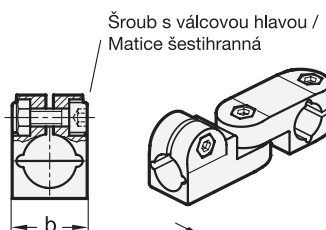
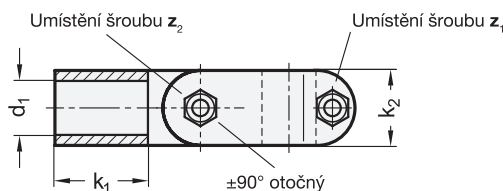
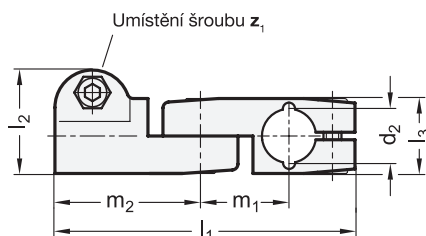
V případě zájmu o uchycení bez použití nástrojů lze šrouby s válcovou hlavou nahradit regulovatelnými pákami GN 911 (viz strana 1874) / GN 911.3 (viz strana 1875) uvedeno v tabulce jako příslušenství.

## PŘÍSLUŠENSTVÍ

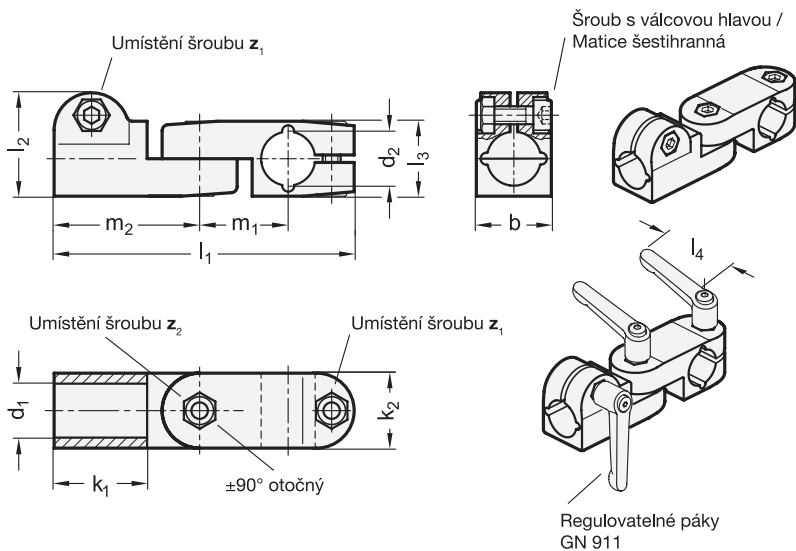
- Regulovatelné páky GN 911 (viz strana 1874) / GN 911.3 (viz strana 1875)

## TECHNICKÉ INFORMACE

- Vlastnosti nerezové oceli (viz. strana A26)



Regulovatelné páky  
GN 911 / GN 911.3

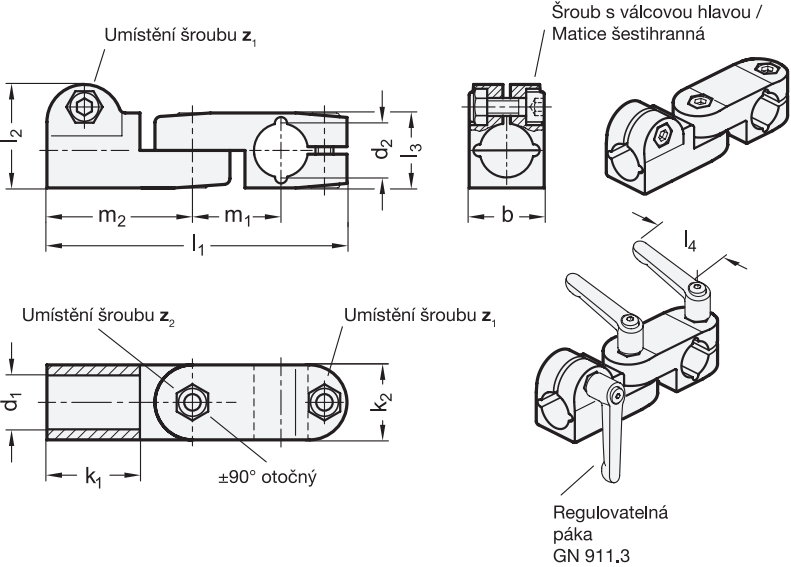


\* Doplněte písmeno  
SW BL  
RAL9005 Bez popisu

GN 287-AL

| Označení           | d1<br>Otvor | d2<br>Otvor | b  | k1   | k2 | l1  | l2   | l3 | m1   | m2   | z1<br>Umístění<br>šroubů | z2<br>Umístění<br>šroubu | Doporučené<br>příslušenství:<br>Páka<br>GN 911 pro z1 l4 | Doporučené<br>příslušenství:<br>Páka<br>GN 911 pro z2 l4 |     |
|--------------------|-------------|-------------|----|------|----|-----|------|----|------|------|--------------------------|--------------------------|----------------------------------------------------------|----------------------------------------------------------|-----|
| GN 287-B12-B12-2-* | B 12        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                   | 45   63                                                  | 156 |
| GN 287-B12-B14-2-* | B 12        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                   | 45   63                                                  | 150 |
| GN 287-B12-B15-2-* | B 12        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                   | 45   63                                                  | 147 |
| GN 287-B12-B16-2-* | B 12        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                   | 45   63                                                  | 145 |
| GN 287-B12-B18-2-* | B 12        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                   | 45   63                                                  | 139 |
| GN 287-B14-B12-2-* | B 14        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 142 |
| GN 287-B14-B14-2-* | B 14        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 140 |
| GN 287-B14-B15-2-* | B 14        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 135 |
| GN 287-B14-B16-2-* | B 14        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 132 |
| GN 287-B14-B18-2-* | B 14        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 130 |
| GN 287-B15-B12-2-* | B 15        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 144 |
| GN 287-B15-B14-2-* | B 15        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 142 |
| GN 287-B15-B15-2-* | B 15        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 140 |
| GN 287-B15-B16-2-* | B 15        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 138 |
| GN 287-B15-B18-2-* | B 15        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 136 |
| GN 287-B16-B12-2-* | B 16        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 145 |
| GN 287-B16-B14-2-* | B 16        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 140 |
| GN 287-B16-B15-2-* | B 16        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 137 |
| GN 287-B16-B16-2-* | B 16        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 130 |
| GN 287-B16-B18-2-* | B 16        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 124 |
| GN 287-B18-B12-2-* | B 18        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 145 |
| GN 287-B18-B14-2-* | B 18        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 140 |
| GN 287-B18-B15-2-* | B 18        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 135 |
| GN 287-B18-B16-2-* | B 18        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 132 |
| GN 287-B18-B18-2-* | B 18        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                  | 45   63                                                  | 130 |

Váha pro typ SW



GN 287-NI

STAINLESS STEEL

| Označení            | d1<br>Otvor | d2<br>Otvor | b  | k1   | k2 | l1  | l2   | l3 | m1   | m2   | z1<br>Umístění<br>šroubů | z2<br>Umístění<br>šroubů | Doporučené<br>příslušenství:<br>Páka<br>GN 911.3 pro z1 l4 GN 911.3 pro z2 l4 |         |     |
|---------------------|-------------|-------------|----|------|----|-----|------|----|------|------|--------------------------|--------------------------|-------------------------------------------------------------------------------|---------|-----|
|                     |             |             |    |      |    |     |      |    |      |      |                          |                          |                                                                               |         |     |
| GN 287-B12-B12-2-NI | B 12        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 338 |
| GN 287-B12-B14-2-NI | B 12        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 336 |
| GN 287-B12-B15-2-NI | B 12        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 335 |
| GN 287-B12-B16-2-NI | B 12        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 334 |
| GN 287-B12-B18-2-NI | B 12        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 332 |
| GN 287-B12-B20-2-NI | B 12        | B 20        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 330 |
| GN 287-B14-B12-2-NI | B 14        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 336 |
| GN 287-B14-B14-2-NI | B 14        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 325 |
| GN 287-B14-B15-2-NI | B 14        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 324 |
| GN 287-B14-B16-2-NI | B 14        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 323 |
| GN 287-B14-B18-2-NI | B 14        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 322 |
| GN 287-B14-B20-2-NI | B 14        | B 20        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 321 |
| GN 287-B15-B12-2-NI | B 15        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 335 |
| GN 287-B15-B14-2-NI | B 15        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 330 |
| GN 287-B15-B15-2-NI | B 15        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 327 |
| GN 287-B15-B16-2-NI | B 15        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 324 |
| GN 287-B15-B18-2-NI | B 15        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 319 |
| GN 287-B15-B20-2-NI | B 15        | B 20        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 314 |
| GN 287-B16-B12-2-NI | B 16        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 334 |
| GN 287-B16-B14-2-NI | B 16        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 323 |
| GN 287-B16-B15-2-NI | B 16        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 316 |
| GN 287-B16-B16-2-NI | B 16        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 307 |
| GN 287-B16-B18-2-NI | B 16        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 305 |
| GN 287-B16-B20-2-NI | B 16        | B 20        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | -                                                                             | 45   63 | 301 |
| GN 287-B18-B12-2-NI | B 18        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                                        | 45   63 | 332 |
| GN 287-B18-B14-2-NI | B 18        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                                        | 45   63 | 322 |
| GN 287-B18-B15-2-NI | B 18        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                                        | 45   63 | 315 |
| GN 287-B18-B16-2-NI | B 18        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                                        | 45   63 | 305 |
| GN 287-B18-B18-2-NI | B 18        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                                        | 45   63 | 289 |
| GN 287-B18-B20-2-NI | B 18        | B 20        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 63   -                                                                        | 45   63 | 287 |
| GN 287-B20-B12-2-NI | B 20        | B 12        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                                       | 45   63 | 330 |
| GN 287-B20-B14-2-NI | B 20        | B 14        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                                       | 45   63 | 321 |
| GN 287-B20-B15-2-NI | B 20        | B 15        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                                       | 45   63 | 313 |
| GN 287-B20-B16-2-NI | B 20        | B 16        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                                       | 45   63 | 301 |
| GN 287-B20-B18-2-NI | B 20        | B 18        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                                       | 45   63 | 287 |
| GN 287-B20-B20-2-NI | B 20        | B 20        | 25 | 31.5 | 25 | 100 | 34.5 | 25 | 29.5 | 48.5 | M6-20                    | M6-20                    | 45   63                                                                       | 45   63 | 266 |