

EXÉCUTIONS STANDARDS

- **ISO 7379** : acier bruni, classe 12.9 (résistance à la traction 1 200 N/mm<sup>2</sup>). Diamètre de la surface d1 polie.
- **ISO 7379-NI**: acier INOX AISI 304. Surface diamètre d1 brillante.

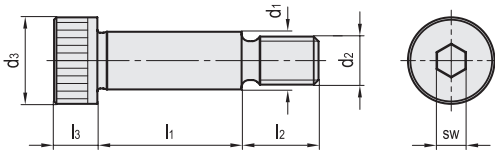
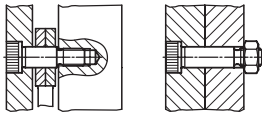
CARACTÉRISTIQUES ET APPLICATIONS

Le couple maximum de serrage des vis épaulées ISO 7379 ne doit pas être établi sur la base de la classe de résistance de l'acier, puisqu'il est en fait limité en raison des surfaces de contact réduites (épaulement) de transition des diamètres de d1 à d2 et d3.

La norme ISO prévoit des vis avec ou sans moletage sur la tête.

Modifications par rapport au standard ISO: la feuille standard officielle ISO présente les dimensions suivantes pour d2 - d1: M5-6,5 / M10-13 / M20-25.

Exemples d'application

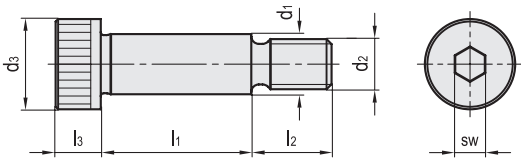


ISO 7379-NI

| Code     | Description         | d1 | f9  | d2 | d3 | l1<br>+0.25 | l2  | l3  | sw | Δ |
|----------|---------------------|----|-----|----|----|-------------|-----|-----|----|---|
| GN.35211 | ISO 7379-4-M3-4-NI  | 4  | M 3 | 7  | 4  | 7           | 3   | 2   | 2  |   |
| GN.35212 | ISO 7379-4-M3-5-NI  | 4  | M 3 | 7  | 5  | 7           | 3   | 2   | 2  |   |
| GN.35213 | ISO 7379-4-M3-6-NI  | 4  | M 3 | 7  | 6  | 7           | 3   | 2   | 2  |   |
| GN.35214 | ISO 7379-4-M3-8-NI  | 4  | M 3 | 7  | 8  | 7           | 3   | 2   | 2  |   |
| GN.35215 | ISO 7379-4-M3-10-NI | 4  | M 3 | 7  | 10 | 7           | 3   | 2   | 2  |   |
| GN.35216 | ISO 7379-4-M3-12-NI | 4  | M 3 | 7  | 12 | 7           | 3   | 2   | 2  |   |
| GN.35217 | ISO 7379-4-M3-16-NI | 4  | M 3 | 7  | 16 | 7           | 3   | 2   | 3  |   |
| GN.35228 | ISO 7379-5-M4-5-NI  | 5  | M 4 | 9  | 5  | 8           | 4   | 2.5 | 3  |   |
| GN.35229 | ISO 7379-5-M4-6-NI  | 5  | M 4 | 9  | 6  | 8           | 4   | 2.5 | 3  |   |
| GN.35230 | ISO 7379-5-M4-8-NI  | 5  | M 4 | 9  | 8  | 8           | 4   | 2.5 | 4  |   |
| GN.35231 | ISO 7379-5-M4-10-NI | 5  | M 4 | 9  | 10 | 8           | 4   | 2.5 | 3  |   |
| GN.35232 | ISO 7379-5-M4-12-NI | 5  | M 4 | 9  | 12 | 8           | 4   | 2.5 | 5  |   |
| GN.35233 | ISO 7379-5-M4-16-NI | 5  | M 4 | 9  | 16 | 8           | 4   | 2.5 | 5  |   |
| GN.35234 | ISO 7379-5-M4-20-NI | 5  | M 4 | 9  | 20 | 8           | 4   | 2.5 | 6  |   |
| GN.35235 | ISO 7379-5-M4-25-NI | 5  | M 4 | 9  | 25 | 8           | 4   | 2.5 | 6  |   |
| GN.35236 | ISO 7379-5-M4-30-NI | 5  | M 4 | 9  | 30 | 8           | 4   | 2.5 | 7  |   |
| GN.35251 | ISO 7379-6-M5-10-NI | 6  | M 5 | 10 | 10 | 9.5         | 4.5 | 3   | 6  |   |
| GN.35252 | ISO 7379-6-M5-12-NI | 6  | M 5 | 10 | 12 | 9.5         | 4.5 | 3   | 7  |   |
| GN.35253 | ISO 7379-6-M5-16-NI | 6  | M 5 | 10 | 16 | 9.5         | 4.5 | 3   | 8  |   |
| GN.35254 | ISO 7379-6-M5-20-NI | 6  | M 5 | 10 | 20 | 9.5         | 4.5 | 3   | 8  |   |
| GN.35255 | ISO 7379-6-M5-25-NI | 6  | M 5 | 10 | 25 | 9.5         | 4.5 | 3   | 10 |   |
| GN.35256 | ISO 7379-6-M5-30-NI | 6  | M 5 | 10 | 30 | 9.5         | 4.5 | 3   | 11 |   |
| GN.35257 | ISO 7379-6-M5-40-NI | 6  | M 5 | 10 | 40 | 9.5         | 4.5 | 3   | 12 |   |
| GN.35258 | ISO 7379-6-M5-50-NI | 6  | M 5 | 10 | 50 | 9.5         | 4.5 | 3   | 14 |   |
| GN.35259 | ISO 7379-6-M5-60-NI | 6  | M 5 | 10 | 60 | 9.5         | 4.5 | 3   | 18 |   |
| GN.35261 | ISO 7379-8-M6-16-NI | 8  | M 6 | 13 | 16 | 11          | 5.5 | 4   | 14 |   |
| GN.35262 | ISO 7379-8-M6-20-NI | 8  | M 6 | 13 | 20 | 11          | 5.5 | 4   | 15 |   |
| GN.35263 | ISO 7379-8-M6-25-NI | 8  | M 6 | 13 | 25 | 11          | 5.5 | 4   | 17 |   |
| GN.35264 | ISO 7379-8-M6-30-NI | 8  | M 6 | 13 | 30 | 11          | 5.5 | 4   | 19 |   |
| GN.35265 | ISO 7379-8-M6-40-NI | 8  | M 6 | 13 | 40 | 11          | 5.5 | 4   | 21 |   |
| GN.35266 | ISO 7379-8-M6-50-NI | 8  | M 6 | 13 | 50 | 11          | 5.5 | 4   | 27 |   |
| GN.35267 | ISO 7379-8-M6-60-NI | 8  | M 6 | 13 | 60 | 11          | 5.5 | 4   | 31 |   |

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|----------|------------------------|----|------|----|-----|-------------|----|----|-----|---|
| GN.35271 | ISO 7379-10-M8-16-NI   | 10 | M 8  | 16 | 16  | 13          | 7  | 5  | 24  |   |
| GN.35272 | ISO 7379-10-M8-20-NI   | 10 | M 8  | 16 | 20  | 13          | 7  | 5  | 26  |   |
| GN.35273 | ISO 7379-10-M8-25-NI   | 10 | M 8  | 16 | 25  | 13          | 7  | 5  | 30  |   |
| GN.35274 | ISO 7379-10-M8-30-NI   | 10 | M 8  | 16 | 30  | 13          | 7  | 5  | 33  |   |
| GN.35275 | ISO 7379-10-M8-40-NI   | 10 | M 8  | 16 | 40  | 13          | 7  | 5  | 39  |   |
| GN.35276 | ISO 7379-10-M8-50-NI   | 10 | M 8  | 16 | 50  | 13          | 7  | 5  | 46  |   |
| GN.35277 | ISO 7379-10-M8-60-NI   | 10 | M 8  | 16 | 60  | 13          | 7  | 5  | 50  |   |
| GN.35278 | ISO 7379-10-M8-70-NI   | 10 | M 8  | 16 | 70  | 13          | 7  | 5  | 56  |   |
| GN.35279 | ISO 7379-10-M8-80-NI   | 10 | M 8  | 16 | 80  | 13          | 7  | 5  | 62  |   |
| GN.35280 | ISO 7379-10-M8-90-NI   | 10 | M 8  | 16 | 90  | 13          | 7  | 5  | 68  |   |
| GN.35281 | ISO 7379-10-M8-100-NI  | 10 | M 8  | 16 | 100 | 13          | 7  | 5  | 75  |   |
| GN.35286 | ISO 7379-12-M10-16-NI  | 12 | M 10 | 18 | 16  | 16          | 8  | 6  | 38  |   |
| GN.35287 | ISO 7379-12-M10-20-NI  | 12 | M 10 | 18 | 20  | 16          | 8  | 6  | 39  |   |
| GN.35288 | ISO 7379-12-M10-25-NI  | 12 | M 10 | 18 | 25  | 16          | 8  | 6  | 45  |   |
| GN.35289 | ISO 7379-12-M10-30-NI  | 12 | M 10 | 18 | 30  | 16          | 8  | 6  | 47  |   |
| GN.35290 | ISO 7379-12-M10-40-NI  | 12 | M 10 | 18 | 40  | 16          | 8  | 6  | 56  |   |
| GN.35291 | ISO 7379-12-M10-50-NI  | 12 | M 10 | 18 | 50  | 16          | 8  | 6  | 69  |   |
| GN.35292 | ISO 7379-12-M10-60-NI  | 12 | M 10 | 18 | 60  | 16          | 8  | 6  | 76  |   |
| GN.35293 | ISO 7379-12-M10-70-NI  | 12 | M 10 | 18 | 70  | 16          | 8  | 6  | 86  |   |
| GN.35294 | ISO 7379-12-M10-80-NI  | 12 | M 10 | 18 | 80  | 16          | 8  | 6  | 91  |   |
| GN.35295 | ISO 7379-12-M10-90-NI  | 12 | M 10 | 18 | 90  | 16          | 8  | 6  | 99  |   |
| GN.35296 | ISO 7379-12-M10-100-NI | 12 | M 10 | 18 | 100 | 16          | 8  | 6  | 100 |   |
| GN.35301 | ISO 7379-16-M12-30-NI  | 16 | M 12 | 24 | 30  | 18          | 11 | 8  | 93  |   |
| GN.35302 | ISO 7379-16-M12-40-NI  | 16 | M 12 | 24 | 40  | 18          | 11 | 8  | 109 |   |
| GN.35303 | ISO 7379-16-M12-50-NI  | 16 | M 12 | 24 | 50  | 18          | 11 | 8  | 123 |   |
| GN.35304 | ISO 7379-16-M12-60-NI  | 16 | M 12 | 24 | 60  | 18          | 11 | 8  | 123 |   |
| GN.35305 | ISO 7379-16-M12-70-NI  | 16 | M 12 | 24 | 70  | 18          | 11 | 8  | 155 |   |
| GN.35306 | ISO 7379-16-M12-80-NI  | 16 | M 12 | 24 | 80  | 18          | 11 | 8  | 170 |   |
| GN.35307 | ISO 7379-16-M12-90-NI  | 16 | M 12 | 24 | 90  | 18          | 11 | 8  | 186 |   |
| GN.35308 | ISO 7379-16-M12-100-NI | 16 | M 12 | 24 | 100 | 18          | 11 | 8  | 200 |   |



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|----------|-------------------|----|-----|----|-----|-------------|-----|-----|----|---|
| GN.35351 | ISO 7379-4-M3-4   | 4  | M 3 | 7  | 4   | 7           | 3   | 2   | 2  |   |
| GN.35352 | ISO 7379-4-M3-5   | 4  | M 3 | 7  | 5   | 7           | 3   | 2   | 2  |   |
| GN.35353 | ISO 7379-4-M3-6   | 4  | M 3 | 7  | 6   | 7           | 3   | 2   | 2  |   |
| GN.35354 | ISO 7379-4-M3-8   | 4  | M 3 | 7  | 8   | 7           | 3   | 2   | 2  |   |
| GN.35355 | ISO 7379-4-M3-10  | 4  | M 3 | 7  | 10  | 7           | 3   | 2   | 3  |   |
| GN.35356 | ISO 7379-4-M3-12  | 4  | M 3 | 7  | 12  | 7           | 3   | 2   | 3  |   |
| GN.35357 | ISO 7379-4-M3-16  | 4  | M 3 | 7  | 16  | 7           | 3   | 2   | 3  |   |
| GN.35358 | ISO 7379-4-M3-20  | 4  | M 3 | 7  | 20  | 7           | 3   | 2   | 3  |   |
| GN.35359 | ISO 7379-4-M3-25  | 4  | M 3 | 7  | 25  | 7           | 3   | 2   | 4  |   |
| GN.35360 | ISO 7379-4-M3-30  | 4  | M 3 | 7  | 30  | 7           | 3   | 2   | 4  |   |
| GN.35368 | ISO 7379-5-M4-5   | 5  | M 4 | 9  | 5   | 8           | 4   | 2.5 | 3  |   |
| GN.35369 | ISO 7379-5-M4-6   | 5  | M 4 | 9  | 6   | 8           | 4   | 2.5 | 4  |   |
| GN.35370 | ISO 7379-5-M4-8   | 5  | M 4 | 9  | 8   | 8           | 4   | 2.5 | 4  |   |
| GN.35371 | ISO 7379-5-M4-10  | 5  | M 4 | 9  | 10  | 8           | 4   | 2.5 | 4  |   |
| GN.35372 | ISO 7379-5-M4-12  | 5  | M 4 | 9  | 12  | 8           | 4   | 2.5 | 5  |   |
| GN.35373 | ISO 7379-5-M4-16  | 5  | M 4 | 9  | 16  | 8           | 4   | 2.5 | 5  |   |
| GN.35374 | ISO 7379-5-M4-20  | 5  | M 4 | 9  | 20  | 8           | 4   | 2.5 | 6  |   |
| GN.35375 | ISO 7379-5-M4-25  | 5  | M 4 | 9  | 25  | 8           | 4   | 2.5 | 7  |   |
| GN.35376 | ISO 7379-5-M4-30  | 5  | M 4 | 9  | 30  | 8           | 4   | 2.5 | 7  |   |
| GN.35377 | ISO 7379-5-M4-40  | 5  | M 4 | 9  | 40  | 8           | 4   | 2.5 | 9  |   |
| GN.35161 | ISO 7379-6-M5-10  | 6  | M 5 | 10 | 10  | 9.5         | 4.5 | 3   | 6  |   |
| GN.35162 | ISO 7379-6-M5-12  | 6  | M 5 | 10 | 12  | 9.5         | 4.5 | 3   | 6  |   |
| GN.35163 | ISO 7379-6-M5-16  | 6  | M 5 | 10 | 16  | 9.5         | 4.5 | 3   | 7  |   |
| GN.35164 | ISO 7379-6-M5-20  | 6  | M 5 | 10 | 20  | 9.5         | 4.5 | 3   | 8  |   |
| GN.35165 | ISO 7379-6-M5-25  | 6  | M 5 | 10 | 25  | 9.5         | 4.5 | 3   | 5  |   |
| GN.35166 | ISO 7379-6-M5-30  | 6  | M 5 | 10 | 30  | 9.5         | 4.5 | 3   | 10 |   |
| GN.35381 | ISO 7379-6-M5-35  | 6  | M 5 | 10 | 35  | 9.5         | 4.5 | 3   | 12 |   |
| GN.35167 | ISO 7379-6-M5-40  | 6  | M 5 | 10 | 40  | 9.5         | 4.5 | 3   | 13 |   |
| GN.35382 | ISO 7379-6-M5-45  | 6  | M 5 | 10 | 45  | 9.5         | 4.5 | 3   | 15 |   |
| GN.35168 | ISO 7379-6-M5-50  | 6  | M 5 | 10 | 50  | 9.5         | 4.5 | 3   | 15 |   |
| GN.35383 | ISO 7379-6-M5-55  | 6  | M 5 | 10 | 55  | 9.5         | 4.5 | 3   | 15 |   |
| GN.35384 | ISO 7379-6-M5-60  | 6  | M 5 | 10 | 60  | 9.5         | 4.5 | 3   | 17 |   |
| GN.35385 | ISO 7379-6-M5-65  | 6  | M 5 | 10 | 65  | 9.5         | 4.5 | 3   | 18 |   |
| GN.35386 | ISO 7379-6-M5-70  | 6  | M 5 | 10 | 70  | 9.5         | 4.5 | 3   | 19 |   |
| GN.35387 | ISO 7379-6-M5-80  | 6  | M 5 | 10 | 80  | 9.5         | 4.5 | 3   | 21 |   |
| GN.35169 | ISO 7379-8-M6-16  | 8  | M 6 | 13 | 16  | 11          | 5.5 | 4   | 13 |   |
| GN.35170 | ISO 7379-8-M6-20  | 8  | M 6 | 13 | 20  | 11          | 5.5 | 4   | 15 |   |
| GN.35171 | ISO 7379-8-M6-25  | 8  | M 6 | 13 | 25  | 11          | 5.5 | 4   | 17 |   |
| GN.35172 | ISO 7379-8-M6-30  | 8  | M 6 | 13 | 30  | 11          | 5.5 | 4   | 19 |   |
| GN.35388 | ISO 7379-8-M6-35  | 8  | M 6 | 13 | 35  | 11          | 5.5 | 4   | 21 |   |
| GN.35173 | ISO 7379-8-M6-40  | 8  | M 6 | 13 | 40  | 11          | 5.5 | 4   | 23 |   |
| GN.35389 | ISO 7379-8-M6-45  | 8  | M 6 | 13 | 45  | 11          | 5.5 | 4   | 25 |   |
| GN.35174 | ISO 7379-8-M6-50  | 8  | M 6 | 13 | 50  | 11          | 5.5 | 4   | 27 |   |
| GN.35390 | ISO 7379-8-M6-55  | 8  | M 6 | 13 | 55  | 11          | 5.5 | 4   | 28 |   |
| GN.35175 | ISO 7379-8-M6-60  | 8  | M 6 | 13 | 60  | 11          | 5.5 | 4   | 30 |   |
| GN.35391 | ISO 7379-8-M6-65  | 8  | M 6 | 13 | 65  | 11          | 5.5 | 4   | 32 |   |
| GN.35392 | ISO 7379-8-M6-70  | 8  | M 6 | 13 | 70  | 11          | 5.5 | 4   | 34 |   |
| GN.35393 | ISO 7379-8-M6-80  | 8  | M 6 | 13 | 80  | 11          | 5.5 | 4   | 38 |   |
| GN.35394 | ISO 7379-8-M6-90  | 8  | M 6 | 13 | 90  | 11          | 5.5 | 4   | 42 |   |
| GN.35395 | ISO 7379-8-M6-100 | 8  | M 6 | 13 | 100 | 11          | 5.5 | 4   | 46 |   |
| GN.35176 | ISO 7379-10-M8-16 | 10 | M 8 | 16 | 16  | 13          | 7   | 5   | 23 |   |
| GN.35177 | ISO 7379-10-M8-20 | 10 | M 8 | 16 | 20  | 13          | 7   | 5   | 26 |   |
| GN.35178 | ISO 7379-10-M8-25 | 10 | M 8 | 16 | 25  | 13          | 7   | 5   | 29 |   |
| GN.35179 | ISO 7379-10-M8-30 | 10 | M 8 | 16 | 30  | 13          | 7   | 5   | 32 |   |
| GN.35180 | ISO 7379-10-M8-35 | 10 | M 8 | 16 | 35  | 13          | 7   | 5   | 35 |   |
| GN.35181 | ISO 7379-10-M8-40 | 10 | M 8 | 16 | 40  | 13          | 7   | 5   | 38 |   |
| GN.35397 | ISO 7379-10-M8-45 | 10 | M 8 | 16 | 45  | 13          | 7   | 5   | 41 |   |

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|----------|---------------------|----|------|----|-----|-------------|----|------|-----|-----|
| GN.35181 | ISO 7379-10-M8-50   | 10 | M 8  | 16 | 50  | 13          | 7  | 5    | 44  |     |
| GN.35398 | ISO 7379-10-M8-55   | 10 | M 8  | 16 | 55  | 13          | 7  | 5    | 47  |     |
| GN.35182 | ISO 7379-10-M8-60   | 10 | M 8  | 16 | 60  | 13          | 7  | 5    | 50  |     |
| GN.35399 | ISO 7379-10-M8-65   | 10 | M 8  | 16 | 65  | 13          | 7  | 5    | 53  |     |
| GN.35400 | ISO 7379-10-M8-70   | 10 | M 8  | 16 | 70  | 13          | 7  | 5    | 56  |     |
| GN.35401 | ISO 7379-10-M8-80   | 10 | M 8  | 16 | 80  | 13          | 7  | 5    | 62  |     |
| GN.35402 | ISO 7379-10-M8-90   | 10 | M 8  | 16 | 90  | 13          | 7  | 5    | 68  |     |
| GN.35403 | ISO 7379-10-M8-100  | 10 | M 8  | 16 | 100 | 13          | 7  | 5    | 75  |     |
| GN.35404 | ISO 7379-12-M10-16  | 12 | M 10 | 18 | 16  | 16          | 9  | (-1) | 6   | 36  |
| GN.35183 | ISO 7379-12-M10-20  | 12 | M 10 | 18 | 20  | 16          | 9  | (-1) | 6   | 39  |
| GN.35184 | ISO 7379-12-M10-25  | 12 | M 10 | 18 | 25  | 16          | 9  | (-1) | 6   | 44  |
| GN.35185 | ISO 7379-12-M10-30  | 12 | M 10 | 18 | 30  | 16          | 9  | (-1) | 6   | 48  |
| GN.35405 | ISO 7379-12-M10-35  | 12 | M 10 | 18 | 35  | 16          | 9  | (-1) | 6   | 52  |
| GN.35186 | ISO 7379-12-M10-40  | 12 | M 10 | 18 | 40  | 16          | 9  | (-1) | 6   | 56  |
| GN.35406 | ISO 7379-12-M10-45  | 12 | M 10 | 18 | 45  | 16          | 9  | (-1) | 6   | 63  |
| GN.35187 | ISO 7379-12-M10-50  | 12 | M 10 | 18 | 50  | 16          | 9  | (-1) | 6   | 67  |
| GN.35407 | ISO 7379-12-M10-55  | 12 | M 10 | 18 | 55  | 16          | 9  | (-1) | 6   | 71  |
| GN.35188 | ISO 7379-12-M10-60  | 12 | M 10 | 18 | 60  | 16          | 9  | (-1) | 6   | 74  |
| GN.35408 | ISO 7379-12-M10-65  | 12 | M 10 | 18 | 65  | 16          | 9  | (-1) | 6   | 75  |
| GN.35409 | ISO 7379-12-M10-70  | 12 | M 10 | 18 | 70  | 16          | 9  | (-1) | 6   | 83  |
| GN.35189 | ISO 7379-12-M10-80  | 12 | M 10 | 18 | 80  | 16          | 9  | (-1) | 6   | 91  |
| GN.35410 | ISO 7379-12-M10-90  | 12 | M 10 | 18 | 90  | 16          | 9  | (-1) | 6   | 96  |
| GN.35411 | ISO 7379-12-M10-100 | 12 | M 10 | 18 | 100 | 16          | 9  | (-1) | 6   | 100 |
| GN.35190 | ISO 7379-16-M12-25  | 16 | M 12 | 24 | 25  | 18          | 11 | 8    | 86  |     |
| GN.35191 | ISO 7379-16-M12-30  | 16 | M 12 | 24 | 30  | 18          | 11 | 8    | 93  |     |
| GN.35412 | ISO 7379-16-M12-35  | 16 | M 12 | 24 | 35  | 18          | 11 | 8    | 101 |     |
| GN.35192 | ISO 7379-16-M12-40  | 16 | M 12 | 24 | 40  | 18          | 11 | 8    | 109 |     |
| GN.35413 | ISO 7379-16-M12-45  | 16 | M 12 | 24 | 45  | 18          | 11 | 8    | 118 |     |
| GN.35193 | ISO 7379-16-M12-50  | 16 | M 12 | 24 | 50  | 18          | 11 | 8    | 126 |     |
| GN.35414 | ISO 7379-16-M12-55  | 16 | M 12 | 24 | 55  | 18          | 11 | 8    | 131 |     |
| GN.35194 | ISO 7379-16-M12-60  | 16 | M 12 | 24 | 60  | 18          | 11 | 8    | 140 |     |
| GN.35415 | ISO 7379-16-M12-65  | 16 | M 12 | 24 | 65  | 18          | 11 | 8    | 148 |     |
| GN.35416 | ISO 7379-16-M12-70  | 16 | M 12 | 24 | 70  | 18          | 11 | 8    | 155 |     |
| GN.35195 | ISO 7379-16-M12-80  | 16 | M 12 | 24 | 80  | 18          | 11 | 8    | 160 |     |
| GN.35417 | ISO 7379-16-M12-90  | 16 | M 12 | 24 | 90  | 18          | 11 | 8    | 186 |     |
| GN.35418 | ISO 7379-16-M12-100 | 16 | M 12 | 24 | 100 | 18          | 11 | 8    | 200 |     |
| GN.35196 | ISO 7379-20-M16-30  | 20 | M 16 | 30 | 30  | 22          | 14 | 10   | 170 |     |
| GN.35419 | ISO 7379-20-M16-35  | 20 | M 16 | 30 | 35  | 22          | 14 | 10   | 170 |     |
| GN.35197 | ISO 7379-20-M16-40  | 20 | M 16 | 30 | 40  | 22          | 14 | 10   | 194 |     |
| GN.35420 | ISO 7379-20-M16-45  | 20 | M 16 | 30 | 45  | 22          | 14 | 10   | 205 |     |
| GN.35198 | ISO 7379-20-M16-50  | 20 | M 16 | 30 | 50  | 22          | 14 | 10   | 219 |     |
| GN.35421 | ISO 7379-20-M16-55  | 20 | M 16 | 30 | 55  | 22          | 14 | 10   | 230 |     |
| GN.35199 | ISO 7379-20-M16-60  | 20 | M 16 | 30 | 60  | 22          | 14 | 10   | 244 |     |
| GN.35422 | ISO 7379-20-M16-65  | 20 | M 16 | 30 | 65  | 22          | 14 | 10   | 260 |     |
| GN.35423 | ISO 7379-20-M16-70  | 20 | M 16 | 30 | 70  | 22          | 14 | 10   | 266 |     |
| GN.35200 | ISO 7379-20-M16-80  | 20 | M 16 | 30 | 80  | 22          | 14 | 10   | 290 |     |
| GN.35424 | ISO 7379-20-M16-90  | 20 | M 16 | 30 | 90  | 22          | 14 | 10   | 315 |     |
| GN.35425 | ISO 7379-20-M16-100 | 20 | M 16 | 30 | 100 | 22          | 14 | 10   | 340 |     |
| GN.35201 | ISO 7379-24-M20-55  | 24 | M 20 | 36 | 55  | 27          | 16 | 12   | 340 |     |
| GN.35426 | ISO 7379-24-M20-55  | 24 | M 20 | 36 | 55  | 27          | 16 | 12   | 360 |     |
| GN.35202 | ISO 7379-24-M20-60  | 24 | M 20 | 36 | 60  | 27          | 16 | 12   | 370 |     |
| GN.35427 | ISO 7379-24-M20-65  | 24 | M 20 | 36 | 65  | 27          | 16 | 12   | 393 |     |
| GN.35428 | ISO 7379-24-M20-70  | 24 | M 20 | 36 | 70  | 27          | 16 | 12   | 410 |     |
| GN.35203 | ISO 7379-24-M20-80  | 24 | M 20 | 36 | 80  | 27          | 16 | 12   | 450 |     |
| GN.35429 | ISO 7379-24-M20-90  | 24 | M 20 | 36 | 90  | 27          | 16 | 12   | 480 |     |
| GN.35204 | ISO 7379-24-M20-100 | 24 | M 20 | 36 | 100 | 27          | 16 | 12   | 516 |     |

