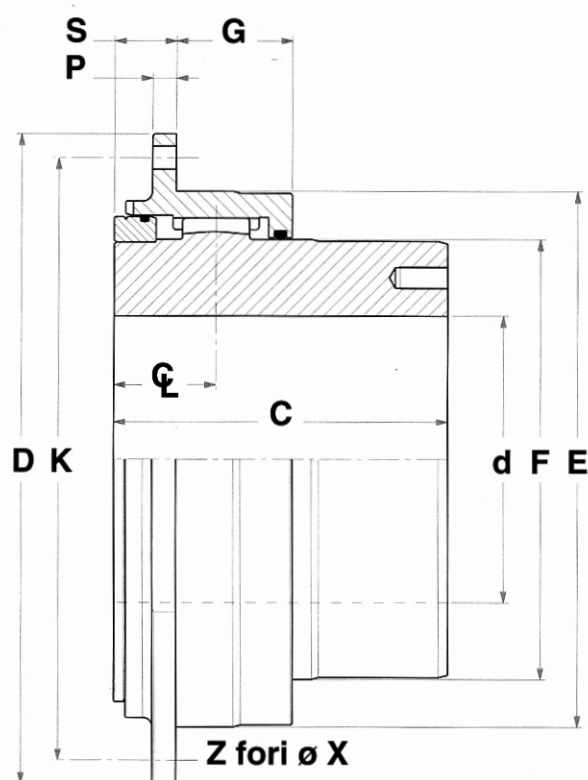
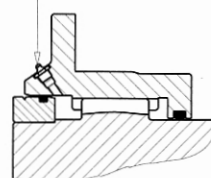


# GIUNTI GTS

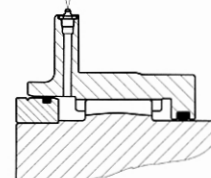
DATI TECNICI



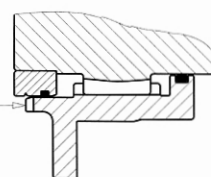
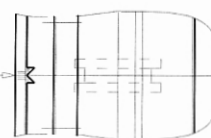
Ingrassatore 1/8" G  
GTS-20 a GTS-31



Ingrassatore 1/4" G  
GTS-34 a GTS-73



Indice per il Controllo  
dell'Usura sulla Dentatura



ESEMPIO DI DESIGNAZIONE:  
GIUNTO GTS GRANDEZZA 42  
**Giunto GTS-42**

Fig. 75 - Giunto GTS

TAB. 60

| GRANDEZZA | COPPIA<br>NOMINALE<br>[kNm]<br><b>Tk</b> | COPPIA<br>MAX<br>[kNm]<br><b>Tf</b> | CARICO<br>MAX<br>[Kg]<br><b>Qk</b> | MAX<br>[mm]<br><b>d</b> | DIMENSIONI [mm] |          |          |          |          |          |          |          |          |          |          |          |          |          | MASSA<br>① M<br>[Kg] | QUANTITÀ<br>GRASSO<br>[Kg] |          |
|-----------|------------------------------------------|-------------------------------------|------------------------------------|-------------------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------------|----------------------------|----------|
|           |                                          |                                     |                                    |                         | <b>D</b>        | <b>K</b> | <b>Z</b> | <b>X</b> | <b>Y</b> | <b>S</b> | <b>P</b> | <b>G</b> | <b>Q</b> | <b>C</b> | <b>F</b> | <b>E</b> | <b>H</b> | <b>M</b> |                      |                            | <b>N</b> |
| <b>20</b> | 21.5                                     | 32.3                                | 3600                               | 100                     | 320             | 280      | 6        | 18       | M16      | 45       | 15       | 47       | 53       | 110      | 149      | 200      | 280      | 10       | 25                   | 28                         | 0.15     |
| <b>22</b> | 26.7                                     | 40.1                                | 4050                               | 110                     | 340             | 300      | 6        | 18       | M16      | 45       | 15       | 54       | 55       | 125      | 165      | 220      | 300      | 10       | 25                   | 36                         | 0.17     |
| <b>24</b> | 32.5                                     | 48.8                                | 4500                               | 120                     | 360             | 320      | 6        | 18       | M16      | 45       | 15       | 54       | 55       | 130      | 184      | 240      | 320      | 10       | 25                   | 44                         | 0.18     |
| <b>26</b> | 44.5                                     | 66.8                                | 5500                               | 130                     | 380             | 340      | 6        | 18       | M16      | 45       | 15       | 58       | 57       | 145      | 196      | 260      | 340      | 10       | 25                   | 53                         | 0.20     |
| <b>28</b> | 58.5                                     | 87.8                                | 6750                               | 150                     | 400             | 360      | 6        | 18       | M16      | 45       | 15       | 65       | 62       | 170      | 222      | 280      | 360      | 10       | 25                   | 73                         | 0.26     |
| <b>31</b> | 79.0                                     | 119                                 | 8300                               | 165                     | 420             | 380      | 6        | 18       | M16      | 45       | 15       | 67       | 62       | 175      | 253      | 310      | 380      | 10       | 25                   | 96                         | 0.28     |
| <b>34</b> | 93.0                                     | 140                                 | 11300                              | 175                     | 450             | 400      | 6        | 23       | M20      | 60       | 20       | 73       | 77       | 185      | 266      | 340      | 400      | 10       | 25                   | 120                        | 0.32     |
| <b>40</b> | 139                                      | 209                                 | 14600                              | 210                     | 510             | 460      | 6        | 23       | M20      | 60       | 20       | 75       | 77       | 220      | 317      | 400      | 460      | 10       | 25                   | 158                        | 0.48     |
| <b>42</b> | 158                                      | 237                                 | 16000                              | 220                     | 550             | 500      | 6        | 23       | M20      | 60       | 20       | 82       | 82       | 240      | 330      | 420      | 500      | 10       | 25                   | 223                        | 0.58     |
| <b>45</b> | 196                                      | 294                                 | 18200                              | 245                     | 580             | 530      | 8        | 23       | M20      | 60       | 20       | 92       | 87       | 260      | 368      | 450      | 530      | 20       | 40                   | 284                        | 0.70     |
| <b>53</b> | 305                                      | 458                                 | 22500                              | 290                     | 650             | 600      | 8        | 23       | M20      | 65       | 25       | 107      | 97       | 315      | 435      | 530      | 580      | 25       | 50                   | 466                        | 1.10     |
| <b>56</b> | 362                                      | 543                                 | 25400                              | 305                     | 680             | 630      | 24       | 23       | M20      | 65       | 25       | 122      | 107      | 350      | 460      | 560      | 600      | 25       | 50                   | 574                        | 1.40     |
| <b>60</b> | 450                                      | 675                                 | 29400                              | 330                     | 710             | 670      | 24       | 28       | M24      | 81       | 35       | 125      | 123      | 380      | 500      | 600      | 640      | 35       | 60                   | 718                        | 1.80     |
| <b>67</b> | 568                                      | 852                                 | 35800                              | 375                     | 780             | 730      | 24       | 28       | M24      | 81       | 35       | 127      | 123      | 410      | 560      | 670      | 700      | 35       | 60                   | 956                        | 2.20     |
| <b>73</b> | 685                                      | 1028                                | 42000                              | 410                     | 850             | 800      | 24       | 28       | M24      | 81       | 35       | 130      | 123      | 450      | 610      | 730      | 760      | 35       | 60                   | 1230                       | 2.60     |

NOTA 1 - I valori indicati in tabella sono calcolati con mozzi senza foro.

DATI TECNICI

GIUNTI GTS

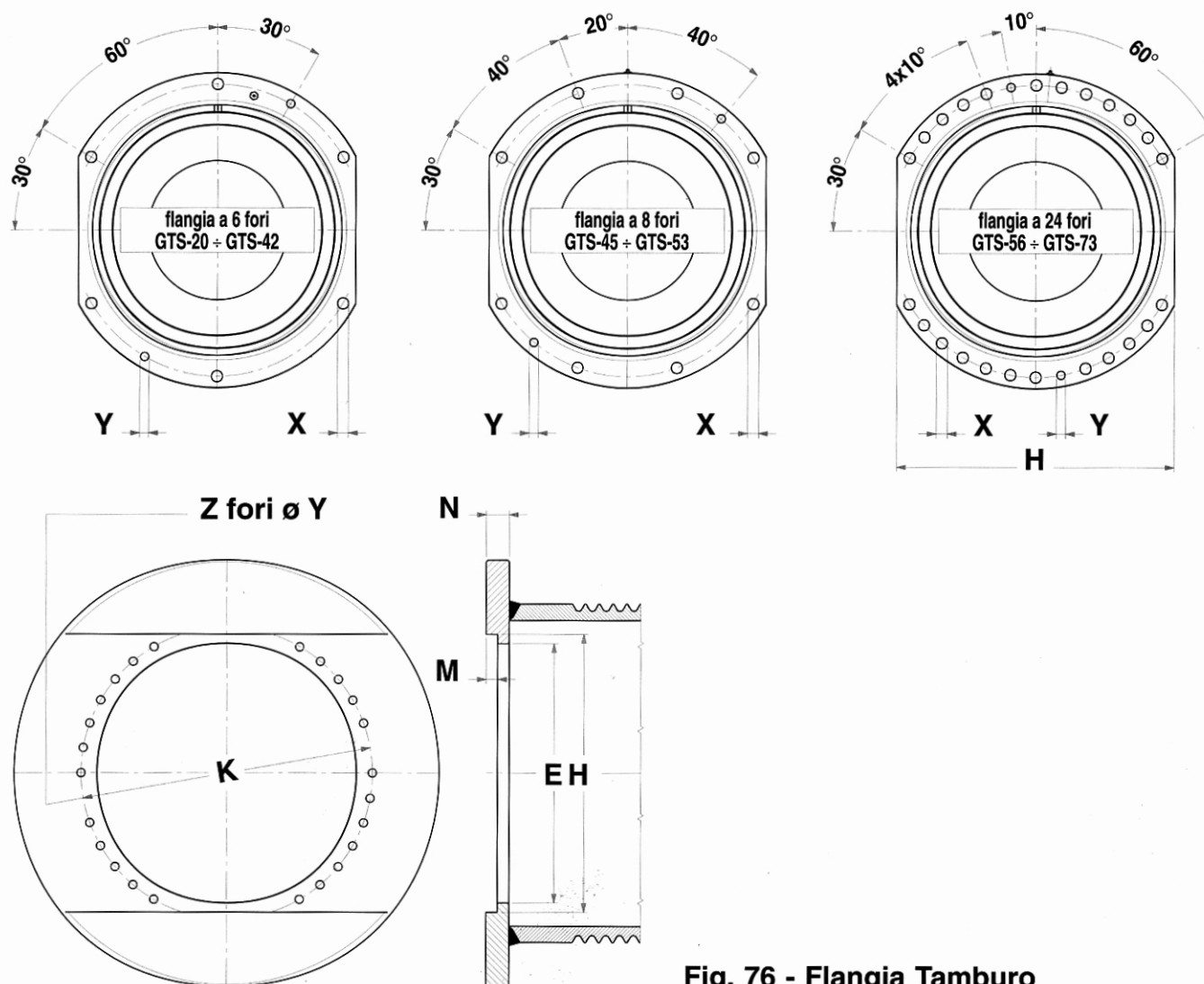


Fig. 76 - Flangia Tamburo

TAB. 61

|                                                |      |      |      |      |      |       |       |       |
|------------------------------------------------|------|------|------|------|------|-------|-------|-------|
| Durata Totale Teorica Max di Utilizzazione [h] | 400  | 800  | 1600 | 3200 | 6300 | 12500 | 25000 | 50000 |
| CLASSE MECCANISMO sec. UNI 7670                | 1 mC | 1 mB | 1 mA | 2 m  | 3 m  | 4 m   | 5 m   | 5 m   |
| FATTORE DI SERVIZIO <b>FS</b>                  | 1.00 | 1.12 | 1.25 | 1.40 | 1.60 | 1.80  | 2.00  | 2.50  |

**SELEZIONE  
DEL GIUNTO**

|                        |                                                   |                                                        |
|------------------------|---------------------------------------------------|--------------------------------------------------------|
| <b>DATI DI CARICO:</b> | <b>T<sub>n</sub></b> = COPPIA MASSIMA SUL TAMBURO | [kNm]                                                  |
|                        | <b>Q</b> = CARICO RADIALE MAX SUL GIUNTO          | [kg]                                                   |
|                        | <b>D</b> = DIAMETRO ALBERO                        | [mm]                                                   |
|                        | <b>FS</b> = FATTORE DI SERVIZIO sec. TAB. 61      | [-]                                                    |
| <b>VERIFICARE CHE:</b> | COPPIA NOMINALE DEL GIUNTO                        | <b>T<sub>k</sub></b> [kNm] ≥ <b>T<sub>n</sub> x FS</b> |
|                        | CARICO RADIALE MASSIMO DEL GIUNTO                 | <b>Q<sub>k</sub></b> [kg] ≥ <b>Q</b>                   |
|                        | FORO MASSIMO DEL GIUNTO                           | <b>d</b> [mm] ≥ <b>D</b>                               |