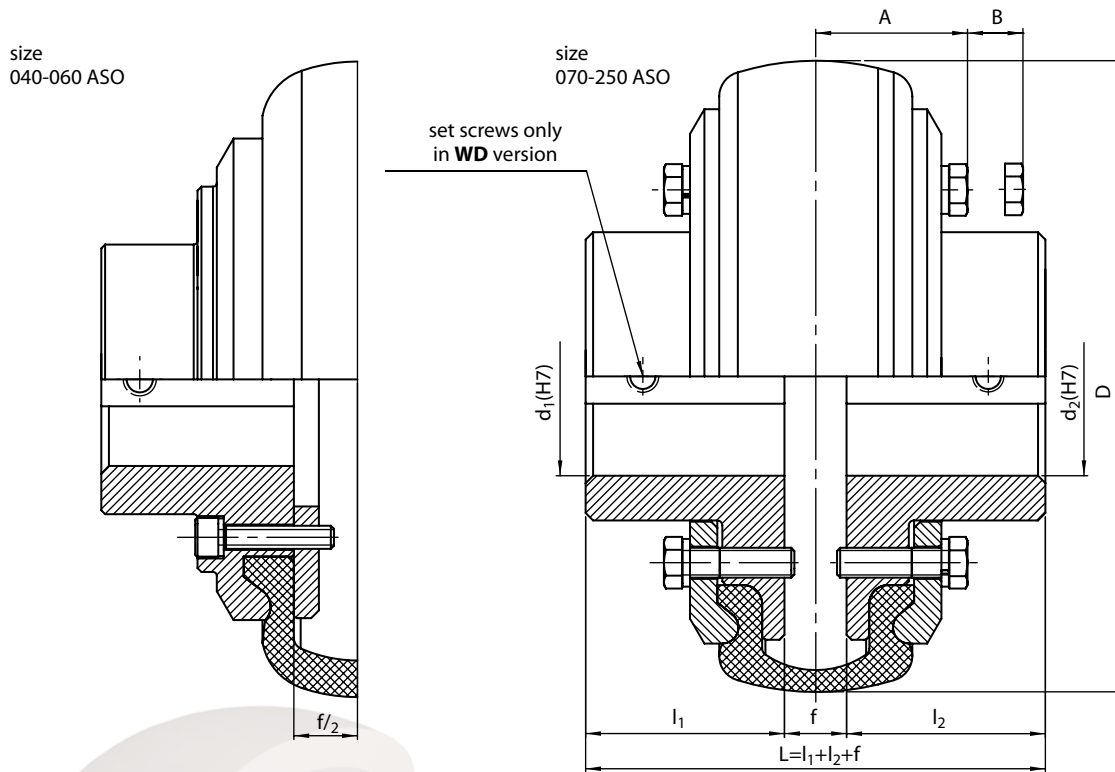


# ASO TYRE COUPLINGS

**Example of designation** of the ASO coupling with the nominal torque of  $M_n=250$  Nm, hub holes diameters of  $d_1=38$  mm,  $d_2=42$  mm, hub holes lengths of  $l_1=55$  mm,  $l_2=80$  mm, size of 070: (marking see page A5-1)

## 250-38/55-42/80-070 ASO Tyre coupling

- the version „Ex” -250-38/55-42/80 - 070 ASO – **Ex** Tyre coupling
- with lead holes - 250-**ow**/55-**ow**/80- 070 ASO Tyre coupling



| Nominal torque<br>$M_n$<br>Nm | $d_1, d_2$ |      | $l_1, l_2$ <sup>1)</sup><br>nomin. | f  | D   | A   | B <sup>3)</sup> | Max rotational speed<br>$n_{max}$<br>1/min | Moment of inertia <sup>2)</sup><br>I<br>kgm <sup>2</sup> | Weight <sup>2)</sup><br>m<br>kg | Coupling size and type |
|-------------------------------|------------|------|------------------------------------|----|-----|-----|-----------------|--|--|---------------------------------|------------------------|
|                               | initial    | max. |                                    |    |     |     |                 |  |  |                                 |                        |
| 24                            | 8          | 32   | 30                                 | 22 | 104 | –   | –               | 4500                                       | 0,0015   | 1,8                             | 040 ASO                |
| 66                            | 8          | 38   | 40                                 | 25 | 133 | –   | –               | 4500                                       | 0,0024   | 2,6                             | 050 ASO                |
| 127                           | 10         | 45   | 50                                 | 33 | 165 | –   | –               | 4000                                       | 0,011  | 4,5                             | 060 ASO                |
| 250                           | 10         | 50   | 55                                 | 23 | 187 | 50  | 15              | 3600                                       | 0,019  | 7,0                             | 070 ASO                |
| 375                           | 10         | 60   | 60                                 | 25 | 211 | 54  | 18              | 3100                                       | 0,038  | 11,0                            | 080 ASO                |
| 500                           | 20         | 70   | 70                                 | 25 | 235 | 60  | 18              | 3000                                       | 0,067  | 15,9                            | 090 ASO                |
| 675                           | 20         | 80   | 80                                 | 25 | 254 | 62  | 18              | 2600                                       | 0,116  | 22,4                            | 100 ASO                |
| 875                           | 20         | 90   | 90                                 | 25 | 279 | 62  | 18              | 2300                                       | 0,175  | 29,8                            | 110 ASO                |
| 1330                          | 20         | 100  | 110                                | 29 | 314 | 67  | 18              | 2050                                       | 0,298  | 41,0                            | 120 ASO                |
| 2325                          | 30         | 130  | 130                                | 32 | 359 | 73  | 19              | 1800                                       | 0,557  | 53,8                            | 140 ASO                |
| 3770                          | 30         | 140  | 165                                | 30 | 402 | 78  | 21              | 1600                                       | 1,07   | 91,5                            | 160 ASO                |
| 6270                          | 30         | 150  | 180                                | 46 | 470 | 94  | 21              | 1500                                       | 1,92   | 122                             | 180 ASO                |
| 9325                          | 30         | 150  | 200                                | 48 | 508 | 103 | 21              | 1300                                       | 2,85   | 146                             | 200 ASO                |
| 11600                         | 30         | 160  | 240                                | 55 | 562 | 118 | 22              | 1100                                       | 4,78   | 210                             | 220 ASO                |
| 14675                         | 30         | 190  | 250                                | 59 | 628 | 125 | 27              | 1000                                       | 8,03   | 286                             | 250 ASO                |

**We are also offering tailor-made special versions.**

We produce splineways as recommended, normally acc. to PN-70/M-85005, with the Js9 tolerance.

1) On request, we produce couplings with hub lengths different than the nominal and extended lengths provided in the table.

2) The weight and the moment of inertia have been determined for the coupling with the maximum holes and nominal lengths of the hubs.

3) The size of loosening the collet set screws to replace the tyre.