

Standard type

SIT coupling hubs are available from stock with either solid hub or with finished bores of standard shaft diameters. The setscrews of our finished bore execution are positioned 120 degrees from each other with one positioned 180 degrees from

the keyway. Both the solid hub and bored hub coupling are generally available from stock for quick delivery. **Approved according to ATEX Directive.**

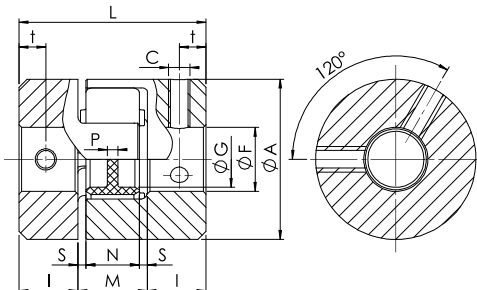


Fig. 1

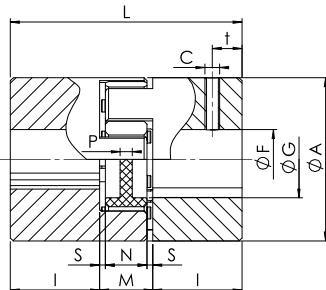


Fig. 2

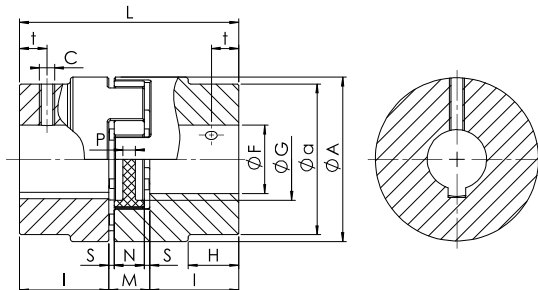


Fig. 3

| Size | F min [mm] | F max [mm] | Mozzo | | n _{max} [min ⁻¹] |
|----------------------|------------|------------|--------|---------------------------|---------------------------------------|
| | | | W [kg] | J [kgm ²] | |
| ALUMINUM HUBS | | | | | |
| 7 | 3 | 7 | 0,003 | 0,085 x 10 ⁻⁶ | 40.000 |
| 9 | 4 | 10 | 0,008 | 0,48 x 10 ⁻⁶ | 28.000 |
| 12 | 4 | 12 | 0,015 | 1,5 x 10 ⁻⁶ | 22.000 |
| 14 | 4 | 16 | 0,019 | 2,7 x 10 ⁻⁶ | 19.000 |
| 19/24 | 6 | 24 | 0,066 | 20,4 x 10 ⁻⁶ | 14.000 |
| 24/28 | 8 | 32 | 0,140 | 74,5 x 10 ⁻⁶ | 10.600 |
| 28/38 | 10 | 38 | 0,253 | 200,3 x 10 ⁻⁶ | 8.500 |
| 38/45 | 12 | 45 | 0,455 | 400,6 x 10 ⁻⁶ | 7.100 |
| STEEL HUBS | | | | | |
| 42 | 14 | 55 | 2,000 | 2,246 x 10 ⁻⁶ | 6.000 |
| 48 | 20 | 60 | 2,520 | 3,786 x 10 ⁻⁶ | 5.600 |
| 55 | 25 | 70 | 4,100 | 9,986 x 10 ⁻⁶ | 5.000 |
| 65 | 25 | 80 | 5,900 | 18,352 x 10 ⁻⁶ | 4.600 |
| 75 | 30 | 95 | 6,900 | 27,402 x 10 ⁻⁶ | 3.700 |

| A [mm] | G [mm] | H-a [mm] | L [mm] | I [mm] | M [mm] | N [mm] | S [mm] | P [mm] | c | Ms [Nm] | t [mm] | Fig. |
|----------------------|--------|----------|--------|--------|--------|--------|--------|--------|-----|---------|--------|------|
| ALUMINUM HUBS | | | | | | | | | | | | |
| 14 | - | - | 22 | 7 | 8 | 6 | 1,0 | 6,0 | M3 | 0,3 | 3,5 | 1 |
| 20 | 7,2 | - | 30 | 10 | 10 | 8 | 1,0 | 2,0 | M3 | 0,3 | 5 | 1 |
| 25 | 8,5 | - | 34 | 11 | 12 | 10 | 1,0 | 3,0 | M4 | 1,5 | 5 | 2 |
| 30 | 10,5 | - | 35 | 11 | 13 | 10 | 1,5 | 2,0 | M4 | 1,5 | 5 | 2 |
| 40 | 18 | - | 66 | 25 | 16 | 12 | 2,0 | 3,5 | M5 | 2 | 10 | 2 |
| 55 | 27 | - | 78 | 30 | 18 | 14 | 2,0 | 4,0 | M5 | 2 | 10 | 2 |
| 65 | 30 | - | 90 | 35 | 20 | 15 | 2,5 | 5,2 | M6 | 4 | 15 | 2 |
| 80 | 38 | - | 114 | 45 | 24 | 18 | 3,0 | 5,6 | M8 | 10 | 15 | 2 |
| STEEL HUBS | | | | | | | | | | | | |
| 95 | 46 | - | 126 | 50 | 26 | 20 | 3,0 | 5,6 | M8 | 10 | 20 | 2 |
| 105 | 51 | - | 140 | 56 | 28 | 21 | 3,5 | 6,0 | M8 | 10 | 25 | 2 |
| 120 | 60 | - | 160 | 65 | 30 | 22 | 4,0 | 9,0 | M10 | 17 | 20 | 2 |
| 135 | 68 | - | 185 | 75 | 35 | 26 | 4,5 | 8,3 | M10 | 17 | 20 | 2 |
| 160 | 80 | 53-135 | 210 | 85 | 40 | 30 | 5,0 | 8,3 | M10 | 17 | 25 | 3 |

Bore tolerance: H7 - JS9 (DIN 6885/1) keyway

Order form

Hub **GESF 24/28 F20**

GESP: solid hub
 GESF: bore + keyway + set-screw

Size _____

F...: bore diameter _____

Spider **AES 24/28 R**

TRASCO® ES spider

Size _____

B: 80 Sh A (blue)
 G: 92 Sh A (yellow)
 R: 98 Sh A (red)
 V: 64 Sh D (green)

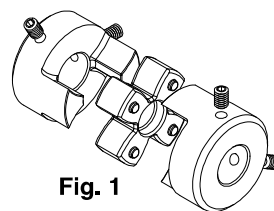


Fig. 1

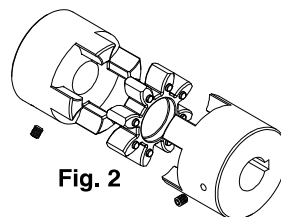


Fig. 2

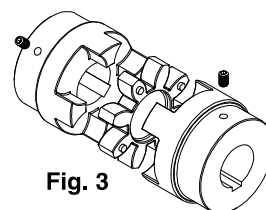


Fig. 3

| | | |
|------------------|-------------------------|-------------------|
| M _S | Screw tightening torque | Nm |
| W | Weight | kg |
| J | Moment of inertia | kgm ² |
| n _{max} | Maximum rpm | min ⁻¹ |