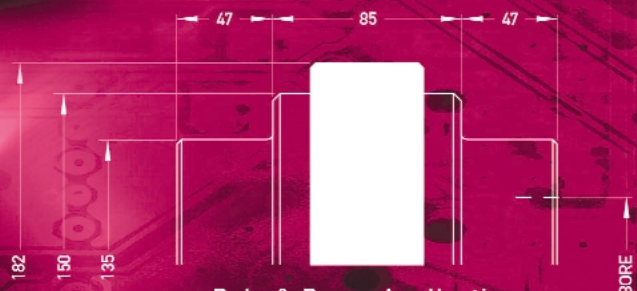


# **SAMIFLEX**

**ELASTIC COUPLINGS**



**Pulp & Paper Application  
(Chipper Drive)**



# SAMIFLEX ELASTOMERIC COUPLINGS

Now there's a new solution to one of the most costly and troublesome problems facing maintenance personnel - coupling failure and the expensive down time associated with fixing it.



## Only four parts to the Samiflex Coupling

The two identical hubs (items A & B) are manufactured in cast iron, cast steel or aluminium alloy and incorporate four, six or eight teeth, depending on size rating of the coupling. A precision cast and machined polyurethane insert (item C) fits between the hubs and is split axially so fitting and removal can be achieved without moving hubs. The holding ring, manufactured in steel, polyamide or bronze (item D) is fitted over the insert securing both insert and ring between hubs. The coupling requires no bolts or nuts.

## Assembly & Disassembly

Once hubs (A) and (B) and holding ring (D) have been installed and aligned on the shafts the coupling hubs will not have to be moved again during the life of the equipment. The elastic insert (C) can then be installed between the parallel slots formed by the hub teeth.

With the insert in position, slide the retaining ring (D) into position over the polyurethane insert. Centrifugal force will expand the insert under operation ensuring a tight, secure fit inside the retaining ring.

Removing and replacing the coupling insert is very simple and requires no special tools. By removing the retaining ring, the insert can be quickly and easily removed and replaced without the need to undo screws, bolts or other fasteners.

## ATEX Approval

The range of Samiflex Couplings has been approved under ATEX directive 94/9/EC - for use in potentially explosive atmospheres.

## Features and Benefits

- Coupling insert removable without the need to remove either driving or driven equipment.
- Change out of coupling insert is faster than any other coupling.
- No lubrication or maintenance required over the life of the insert.
- The polyurethane insert can be supplied in a variety of hardnesses to optimise torque capacity and damping.
- Polyurethane insert is very resistant to chemical attack.
- Standard insert can handle large temperature range from -40 to 80 °C.
- High temperature insert available up to 150 °C.
- Hubs can be rotated independently during motor test.
- No metal to metal contact
- Large bore to torque capacity
- Vertical operation possible with standard coupling.
- Retaining rings provided with locking screws as standard.

*The specification contained within this brochure are correct at time of going to print. Autogard are continually reviewing and updating the specifications on all its product range and therefore reserve the right to change any detail.*



# SAMIFLEX THE ELASTIC INSERT

The Samiflex elastic insert is manufactured from a special blend of polyurethane compound manufactured to best meet the demanding characteristics of a high performance elastic coupling.

Samiflex elastic inserts are offered in three styles of compound and four hardness ratings allowing the most appropriate insert to be selected for the application.

The standard elastic insert is supplied at 95 shore and is a yellow colour. High performance inserts type HD and HDT are coloured ochre and red respectively and enable Samiflex torque ratings to be increased by 40% (consult factory).

| Insert           | Ref. | Hardness   | Colour | Temp. Rating |
|------------------|------|------------|--------|--------------|
| Standard         | STD  | 80 Shore A | Clear  | -40 / 80 C   |
|                  |      | 90 Shore A | Blue   |              |
|                  |      | 95 Shore A | Yellow |              |
| High Temp.       | HT   | 95 Shore A | Orange | -40 / 140 C  |
| High Performance | HD   | 97 Shore A | Ochre  | -40 / 80 C   |
|                  | HDT  | 97 Shore A | Red    | -40 / 140 C  |



## Coupling Selection

### Method

Data required for Coupling Selection.

- Application details (for service factor)
- Kilowatt and rpm of the driver.
- Shaft details of the driving and driven equipment.

(1) Determine the service factor (SF) from the application and classification lists noted below.

(2) Calculate the maximum Kw/1000 rpm rating:  

$$\text{Kw/1000 rpm} = (\text{Kw} \times 1000 \times \text{SF}) / \text{rpm}$$
 Select the coupling which has a higher max rating.

(3) Compare the maximum rpm capacity & bore requirements to the catalogue limits for the coupling selected.

### Example

Driver: Water Turbine (75 Kw at 1500 rpm)

Driven equipment: Screw Compressor

Turbine Bore: 60 mm Compressor Bore: 50 mm

Distance Between Shaft Ends: 140 mm

Service Factor for the Water Turbine & Screw Compressor: SF = 2

$$\text{Kw/1000 rpm} = (75 \text{ Kw} \times 1000 \times 2) / 1500$$

Kw/1000 rpm = 100

Coupling selection based on max rating: A4B

Coupling Bore Capacity: 75 mm

Maximum Speed for the A4B is 3275 rpm unbalanced.

DBSE for the A4B Type SP is 140 mm

The A4B Type SP is acceptable in this application.

## Service Factors - SF

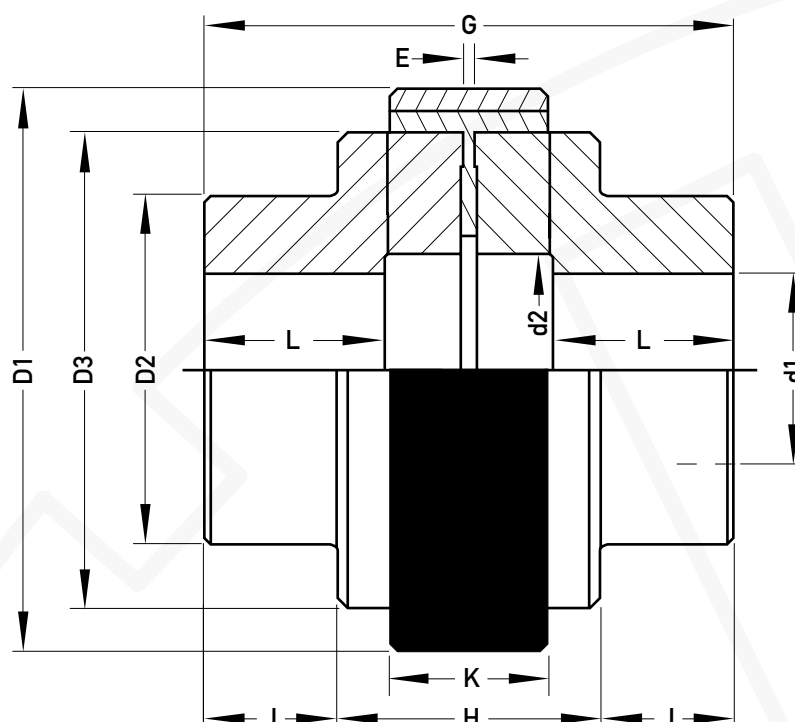
| Load Characteristics                                                                                                                                                                       | Electric Motor,<br>Steam Turbine<br>Gas Turbine | Steam Engine,<br>Water Turbine,<br>8 Cyl. Recip. Engine | 6 Cyl. Recip. Engine | 4 Cyl. Recip. Engine |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|----------------------|----------------------|
|  <b>Constant Torque</b><br>eg. Centrifugal pumps, compressors & blowers, light duty agitators and fans. | 1.0                                             | 1.5                                                     | 2.0                  | 2.5                  |
|  <b>Slight Fluctuations</b><br>eg. Slurry pumps, Screw compressors, Lobe and Vane Blowers.              | 1.5                                             | 2.0                                                     | 2.5                  | 3.0                  |
|  <b>Moderate Fluctuations and/or Slight Shock Loads</b><br>Double acting pumps, Recip. Comp.            | 2.0                                             | 2.5                                                     | 3.0                  | 3.5                  |
|  <b>Large Fluctuations and/or Moderate Shock Loads</b><br>1 or 2 Cylinder Recip.pumps.                  | 2.5                                             | 3.0                                                     | 3.5                  | 4.0                  |
|  <b>Shock Loads or Light Torque Reversals</b><br>Slitters, Rod Mill, Hot Mill                           | 3.0                                             | 3.5                                                     | 4.0                  | Consult Factory      |
|  <b>Heavy Shock Loads or Large Torque Reversals</b><br>Feed Rolls, Reversing Mills                      | Consult Factory                                 | Consult Factory                                         | Consult Factory      | Consult Factory      |

(1) Use a minimum Service Factor of 1.25 when driving through a gearbox or using a direct on-line electric motor.

(2) Consult Autogard when using a reciprocating engine with fewer than 4 cylinders.

(3) Service Factors provided are for reference only. Customer experience may dictate the selection of different service factors.

# SAMIFLEX COUPLING TYPE A



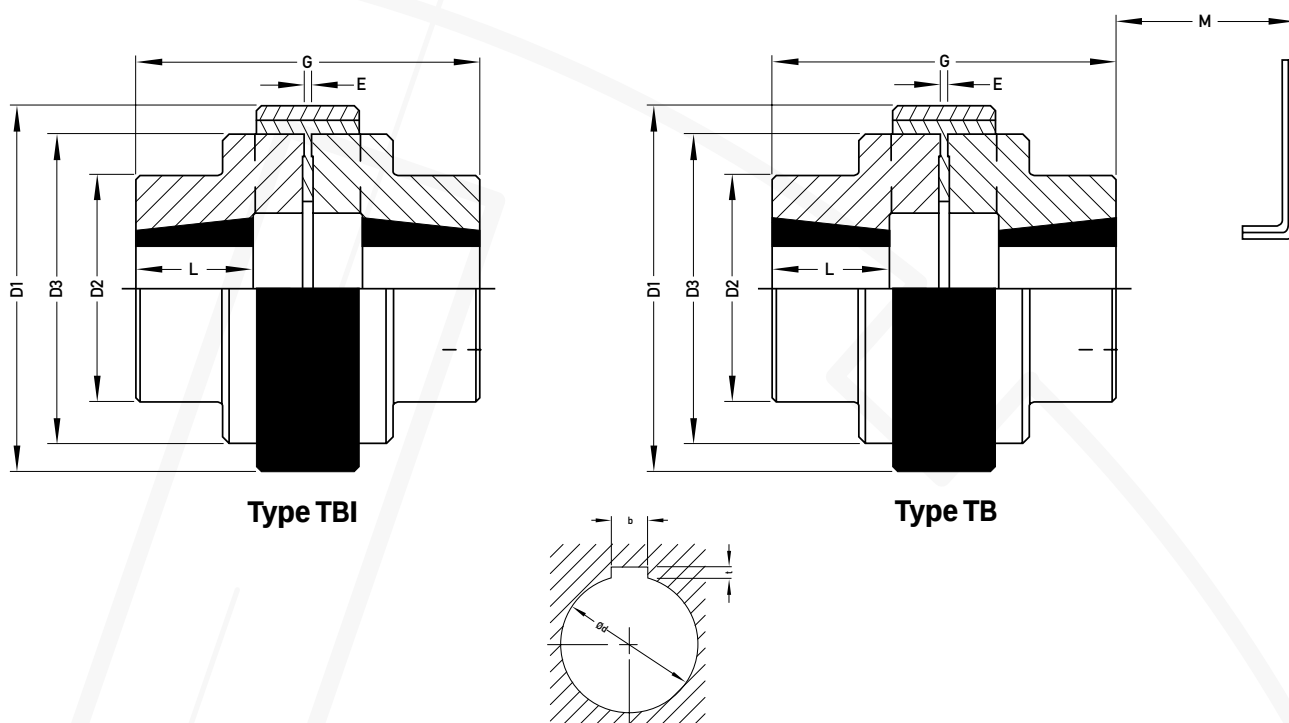
## Technical Details and Dimensions

| Coupling Type       |                           | A0    | A1     | A2    | A3    | A3B   | A4    | A4B   | A45   | A5    | A5B   | A55   | A6    | A7    | A8    | A9    | A10   | A11   | A12    |
|---------------------|---------------------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| STD & HT Insert     | Maximum KW per 1000       | 6     | 14     | 29    | 58    | 58    | 120   | 120   | 211   | 301   | 301   | 361   | 482   | 963   | 1806  | 2880  | 4607  | 6157  | 20942  |
|                     | Max. Cont. Torque Nm      | 55    | 138    | 275   | 550   | 550   | 1150  | 1150  | 2013  | 2875  | 2875  | 3450  | 4600  | 9200  | 17250 | 27500 | 44000 | 58800 | 200000 |
| HD & HDT Insert     | Maximum KW per 1000       | -     | -      | -     | -     | -     | 162   | 162   | 283   | 406   | 406   | 487   | 649   | 1298  | 2346  | 3743  | 5990  | 8000  | -      |
|                     | Max. Cont. Torque Nm      | -     | -      | -     | -     | -     | 1550  | 1550  | 2700  | 3875  | 3875  | 4650  | 6200  | 12400 | 22400 | 35750 | 57200 | 76400 | -      |
| Technical data      | Max. Speed - Unbal.       | 11000 | 8800   | 6500  | 4900  | 4900  | 3800  | 3800  | 3300  | 3000  | 3000  | 2650  | 2450  | 2100  | 1750  | 1450  | 1175  | 1250  | 875    |
|                     | Max. Speed - Bal. (Steel) | 14650 | 11750  | 8850  | 6500  | 6500  | 5000  | 5000  | 4475  | 4000  | 4000  | 3550  | 3250  | 2850  | 2345  | 1985  | 1580  | 1650  | 1175   |
|                     | Moment of Inertia (Kg-m2) | -     | 0.0012 | 0.005 | 0.012 | 0.020 | 0.050 | 0.075 | 0.102 | 0.155 | 0.210 | 0.275 | 0.437 | 0.825 | 2.326 | 4.95  | 12    | 16    | 52     |
|                     | Weight (Kg)               | 1     | 1.8    | 3.8   | 6.2   | 8.5   | 12.5  | 16    | 19    | 26    | 31    | 36    | 47    | 75    | 137   | 218   | 350   | 410   | 1000   |
| Displacement values | Axial Tolerance           | +0.3  | +0.5   | +0.5  | +0.7  | +0.7  | +0.8  | +0.8  | +1.0  | +1.0  | +1.0  | +1.0  | +1.0  | +1.0  | +1.5  | +1.5  | +2.0  | +2.0  | +3.0   |
|                     | Radial / Parallel         | 0.30  | 0.30   | 0.50  | 0.50  | 0.50  | 0.70  | 0.70  | 0.70  | 0.70  | 0.70  | 0.80  | 0.80  | 1.00  | 1.00  | 1.00  | 1.50  | 1.50  | 0.6    |
|                     | Angular Tolerance         | 2     | 2      | 2     | 2     | 2     | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1     | 1     | 1     | 1     | 1     | 0.7    |

| Coupling Type   |                        | A0  | A1  | A2  | A3  | A3B | A4  | A4B | A45 | A5  | A5B | A55 | A6  | A7  | A8  | A9  | A10 | A11 | A12 |
|-----------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Dimensions (mm) | Max. Bore d1           | 24  | 38  | 44  | 50  | 58  | 65  | 70  | 75  | 85  | 95  | 95  | 110 | 130 | 150 | 180 | 210 | 210 | 300 |
|                 | Pilot Bore             | 8   | 14  | 17  | 19  | 19  | 24  | 24  | 25  | 29  | 29  | 30  | 39  | 48  | 63  | 73  | 96  | 96  | 100 |
|                 | D1                     | 65  | 83  | 111 | 144 | 144 | 182 | 182 | 202 | 225 | 225 | 250 | 265 | 306 | 363 | 425 | 523 | 503 | 710 |
|                 | D2                     | 52  | 65  | 80  | 85  | 105 | 110 | 140 | 125 | 140 | 160 | 155 | 180 | 205 | 242 | 280 | 330 | 350 | 500 |
|                 | D3                     | 52  | 65  | 86  | 116 | 116 | 150 | 150 | 170 | 190 | 190 | 215 | 233 | 267 | 326 | 385 | 483 | 458 | 650 |
|                 | d2                     | 32  | 39  | 45  | 52  | 52  | 70  | 70  | 90  | 89  | 89  | 115 | 112 | 135 | 157 | 188 | 218 | 216 | 380 |
|                 | G                      | 73  | 91  | 127 | 156 | 156 | 180 | 180 | 198 | 216 | 216 | 246 | 260 | 310 | 382 | 420 | 482 | 512 | 709 |
|                 | L                      | 28  | 34  | 47  | 56  | 56  | 63  | 63  | 70  | 77  | 77  | 90  | 95  | 116 | 147 | 162 | 188 | 190 | 250 |
|                 | Standard "DBSE"        | 17  | 23  | 33  | 44  | 44  | 54  | 54  | 58  | 62  | 62  | 66  | 70  | 78  | 88  | 95  | 106 | 132 | 209 |
|                 | Dist. Between Hubs "E" | 1.5 | 1.5 | 2.5 | 2.5 | 2.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 4   | 5   | 5   | 6   | 6   | 5   |
|                 | H                      | -   | -   | 55  | 65  | 65  | 85  | 85  | 93  | 101 | 101 | 109 | 119 | 134 | 154 | 162 | 192 | 216 | 359 |
|                 | J                      | -   | -   | 36  | 45  | 45  | 47  | 47  | 52  | 57  | 57  | 68  | 70  | 88  | 114 | 129 | 145 | 148 | 175 |
|                 | K                      | 16  | 22  | 32  | 42  | 42  | 51  | 51  | 56  | 59  | 59  | 64  | 67  | 75  | 85  | 92  | 102 | 128 | 210 |

- 1) STD Inserts will be supplied as standard unless specified. High Torque (HD), High Temperature (HT) or High Torque & Temperature (HDT) Inserts can be supplied upon request.
- 2) Maximum unbalanced speeds are based on Cast Iron Hubs. Higher speeds may be attained using Ductile Iron or Steel Hubs - Consult Autogard
- 3) Distance Between Shaft ends (DBSE) is based on the shafts mating flush with the end of the hub face. Shorter or longer shaft separations may be obtained by overhanging the shaft or hub
- 4) Weights and inertias are based on solid hubs.
- 5) Peak torque is 2 x maximum continuous torque.

# SAMIFLEX COUPLING FOR TAPER BUSH



## Samiflex Coupling Bored to Suit Taper Lock Bushings

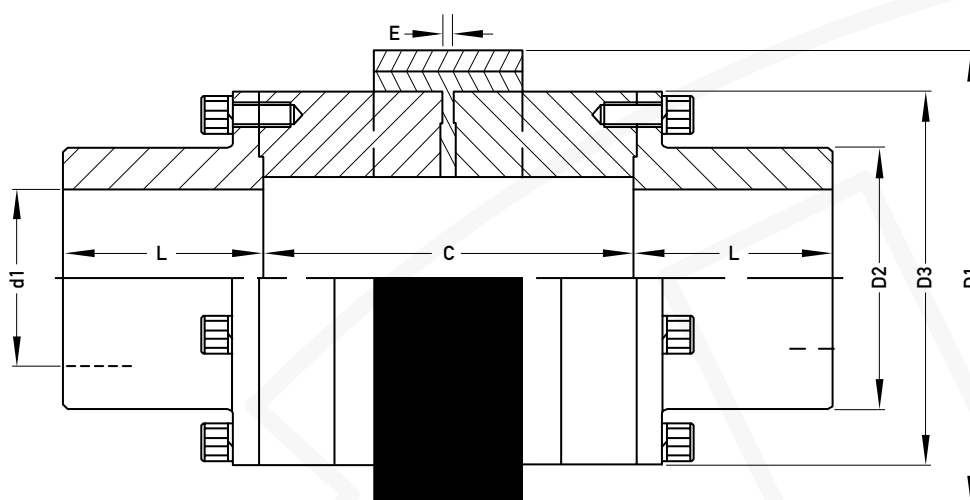
| Coupling Size | Taper Bush | Bore Range |      | Dimensions |     |     |     |     |     |    |
|---------------|------------|------------|------|------------|-----|-----|-----|-----|-----|----|
|               |            | min.       | max. | L          | G   | E   | D1  | D2  | D3  | M  |
| A1 -TB/TBI    | 1108       | 9          | 28   | 27         | 77  | 1.5 | 83  | 65  | 65  | 29 |
| A2 -TB/TBI    | 1210       | 11         | 32   | 32         | 97  | 2.5 | 111 | 80  | 86  | 38 |
| A3 -TB/TBI    | 1610       | 14         | 42   | 32         | 107 | 2.5 | 144 | 85  | 116 | 38 |
| A4 -TB/TBI    | 2012       | 14         | 50   | 38         | 130 | 3.5 | 182 | 110 | 150 | 42 |
| A45 -TB/TBI   | 2517       | 16         | 60   | 50         | 158 | 3.5 | 202 | 125 | 170 | 50 |
| A5 -TB/TBI    | 3020       | 25         | 75   | 56         | 173 | 3.5 | 225 | 160 | 190 | 55 |
| A6 -TB        | 3535       | 35         | 90   | 95         | 259 | 3.5 | 265 | 180 | 233 | 67 |
| A7 -TB        | 4040       | 40         | 100  | 120        | 318 | 4   | 306 | 205 | 267 | 70 |

| Dimensions - Taper Bushes |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |  |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--|
| d                         | 9   | 10  | 11  | 12  | 14  | 16  | 18  | 19  | 20  | 22  | 24  | 25  | 28  | 30  | 32  | 35  | 38  | 40  | 42  | 45  | 48  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95  | 100 |   |  |
| b                         | 3   | 3   | 4   | 4   | 5   | 5   | 6   | 6   | 6   | 6   | 8   | 8   | 8   | 8   | 10  | 10  | 10  | 12  | 12  | 14  | 14  | 14  | 16  | 18  | 18  | 20  | 20  | 22  | 22  | 25  | 25  | 28  |   |  |
| t                         | 1.4 | 1.4 | 1.8 | 1.8 | 2.3 | 2.3 | 2.8 | 2.8 | 2.8 | 2.8 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.8 | 3.8 | 3.8 | 4.3 | 4.4 | 4.4 | 4.9 | 4.9 | 5.4 | 5.4 | 5.4 | 5.4 | 6.4 |   |  |
| 1108                      | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |  |
| 1210                      |     |     | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |  |
| 1610                      |     |     |     |     | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |   |  |
| 2012                      |     |     |     |     | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   |     |     |     |     |     |     |     |     |     |     |   |  |
| 2517                      |     |     |     |     | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   |     |     |     |     |     |     |     |     |   |  |
| 3020                      |     |     |     |     |     |     |     |     |     |     |     | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   |     |     |     |     |   |  |
| 3535                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   |   |  |
| 4040                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | *   | * |  |

1) Refer to bush manufacturers for recommended torque capacity of each bush.



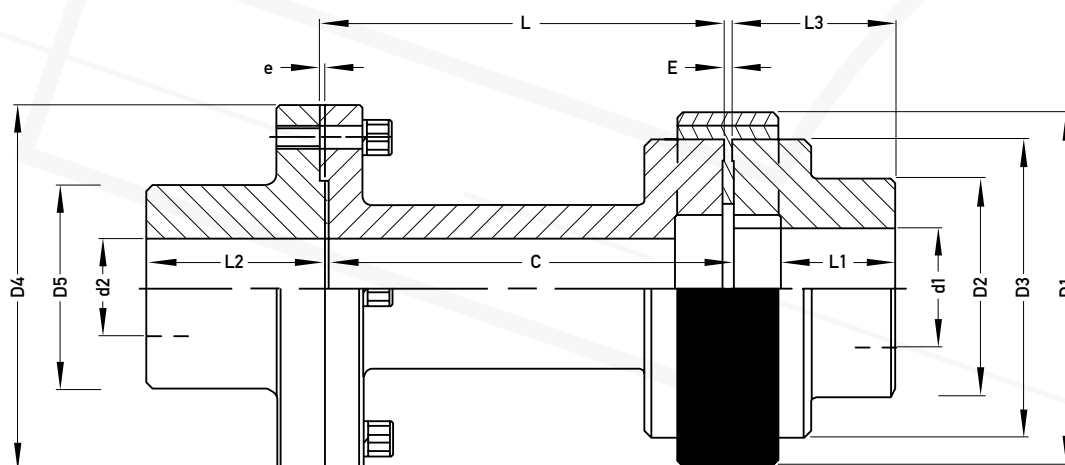
## SAMIFLEX SPACER COUPLING - TYPE DO



| Coupling Size | Maximum KW per 1000 RPM<br>STD Insert | Max Bore (d1) | Max RPM | Dimensions |     |     |    |                 |
|---------------|---------------------------------------|---------------|---------|------------|-----|-----|----|-----------------|
|               |                                       |               |         | D1         | D2  | D3  | L  | C (D.B.S.E.)    |
| A2D           | 26                                    | 42            | 4100    | 111        | 60  | 86  | 60 | 100 120 140     |
| A3D           | 52                                    | 60            | 4100    | 144        | 88  | 116 | 70 | 100 120 140 180 |
| A4D           | 104                                   | 80            | 3600    | 182        | 110 | 150 | 85 | 120 140 180     |
| A45D          | 184                                   | 90            | 3100    | 202        | 125 | 170 | 95 | 120 140 180     |

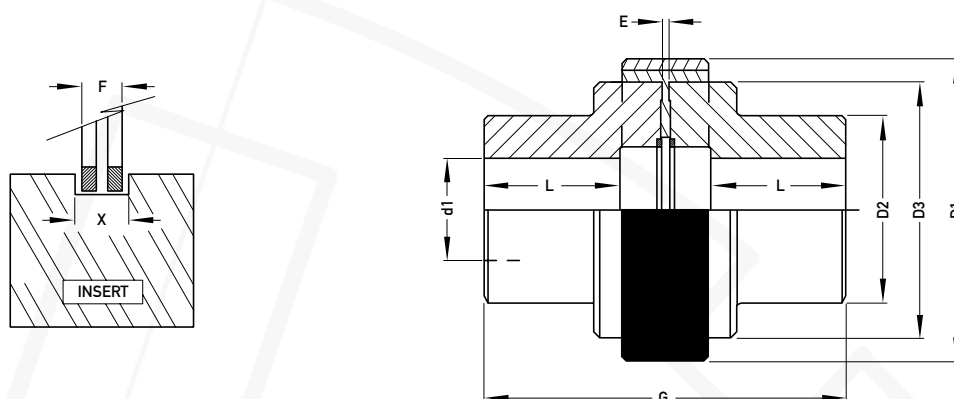
Note - The Samiflex Drop Out Spacer (Type DO) is interchangeable with many competitive Drop-out couplings - Consult Autogard

## SAMIFLEX SPACER COUPLING - TYPE SP



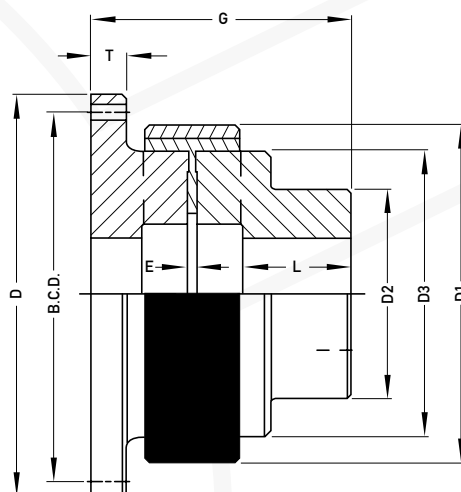
| Coupling Size | Max Range |     | Max RPM | Dimensions |     |     |     |     |     |     |     | C (DBSE) |     |     |
|---------------|-----------|-----|---------|------------|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|
|               | d1        | d2  |         | D1         | D3  | D4  | D5  | L1  | L2  | L3  | e   |          |     |     |
| A1-SP         | 38        | 42  | 5500    | 83         | 65  | 100 | 67  | 34  | 45  | 45  | 2   | 100      | 120 | 140 |
| A2-SP         | 42        | 48  | 5000    | 111        | 86  | 120 | 83  | 47  | 62  | 62  | 2   | 100      | 120 | 140 |
| A3B-SP        | 55        | 65  | 4500    | 144        | 116 | 140 | 107 | 56  | 76  | 76  | 2.5 | 100      | 120 | 140 |
| A4B-SP        | 75        | 85  | 3500    | 182        | 150 | 178 | 140 | 63  | 88  | 88  | 2.5 | 120      | 140 | 180 |
| A45-SP        | 75        | 90  | 3100    | 202        | 170 | 200 | 150 | 70  | 97  | 97  | 2.5 | 120      | 140 | 180 |
| A5B-SP        | 95        | 110 | 2900    | 225        | 190 | 225 | 179 | 77  | 106 | 106 | 2.5 | 140      | 180 | 200 |
| A55-SP        | 95        | 110 | 2600    | 250        | 215 | 245 | 180 | 90  | 121 | 121 | 3   | 140      | 180 | 200 |
| A6-SP         | 110       | 120 | 2500    | 265        | 233 | 265 | 198 | 95  | 128 | 128 | 3   | 180      | 200 | 250 |
| A7-SP         | 130       | 130 | 2200    | 306        | 267 | 290 | 230 | 116 | 153 | 153 | 3   | 200      | 250 | 280 |

# SAMIFLEX LIMITED END FLOAT COUPLING - TYPE FX



| Coupling Size | Max Bore (d1) | Dimensions |     |     |          |     |     |     |      |      | Axial Float |
|---------------|---------------|------------|-----|-----|----------|-----|-----|-----|------|------|-------------|
|               |               | D1         | D2  | D3  | D.B.S.E. | E   | G   | L   | F    | X    |             |
| A4B FX        | 95.2          | 182        | 135 | 150 | 54       | 3.5 | 180 | 63  | 11.5 | 12.5 | 1           |
| A4.5 FX       | 82.5          | 202        | 125 | 170 | 58       | 3.5 | 198 | 70  | 11.5 | 12.5 | 1           |
| A5B FX        | 114.3         | 225        | 160 | 190 | 62       | 3.5 | 216 | 77  | 14.5 | 16   | 1.5         |
| A5.5 FX       | 101.6         | 250        | 155 | 215 | 66       | 3.5 | 246 | 90  | 14.5 | 16   | 1.5         |
| A6 FX         | 114.3         | 265        | 180 | 233 | 70       | 3.5 | 260 | 95  | 18.5 | 20.5 | 2           |
| A7 FX         | 139.7         | 306        | 205 | 267 | 78       | 4   | 310 | 116 | 18.5 | 20.5 | 2           |
| A8 FX         | 150           | 363        | 242 | 326 | 88       | 5   | 382 | 147 | 21   | 24   | 3           |
| A9 FX         | 180           | 425        | 280 | 385 | 96       | 5   | 420 | 162 | 21   | 24   | 3           |
| A10 FX        | 210           | 523        | 330 | 483 | 106      | 6   | 482 | 188 | 22   | 26   | 4           |

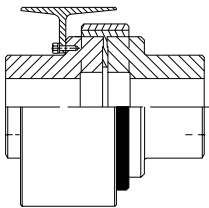
# SAMIFLEX COUPLING FOR SAE FLYWHEEL ARRANGEMENTS



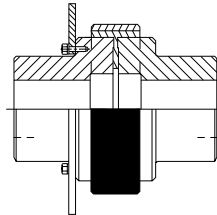
| Coupling Size | Max Bore | SAE J620 Number    | Dimensions |     |     |     |     |     |    |
|---------------|----------|--------------------|------------|-----|-----|-----|-----|-----|----|
|               |          |                    | D1         | D2  | D3  | E   | G   | L   | T  |
| A2 EB-SAE     | 54.0     | 6-1/2", 7-1/2", 8" | 111        | 80  | 86  | 2.5 | 100 | 46  | 12 |
| A3B EB-SAE    | 69.8     | 7-1/2", 8", 10"    | 144        | 105 | 116 | 2.5 | 124 | 56  | 15 |
| A4B EB-SAE    | 95.2     | 8", 10", 11-1/2"   | 182        | 135 | 150 | 3.5 | 144 | 63  | 17 |
| A5B EB-SAE    | 114.3    | 10", 11-1/2", 14"  | 225        | 160 | 190 | 3.5 | 168 | 76  | 20 |
| A6 EB-SAE     | 114.3    | 11-1/2", 14", 16"  | 265        | 180 | 234 | 3.5 | 196 | 94  | 22 |
| A7 EB-SAE     | 139.7    | 14", 16", 18"      | 306        | 205 | 267 | 4   | 229 | 115 | 25 |
| A8 EB-SAE     | 150      | 16", 18", 21"      | 363        | 240 | 326 | 5   | 280 | 146 | 30 |

- 1) For standard flywheel dimensions (D, B.C.D. and hole sizes) - Consult Autogard
- 2) Flywheels are available in non-standard sizes - Consult Autogard.

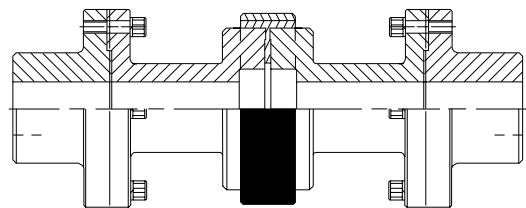
## OTHER SAMIFLEX ELASTIC COUPLINGS



Brake Wheel Coupling - Type PF



Brake Disc Coupling - Type DF



Spacer Coupling - Type DL

## OTHER AUTOGARD PRODUCTS



Autoflex - Membrane Couplings



Autogard - Torque Limiters



Monitorq - Torque Sensors



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For further information on  
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