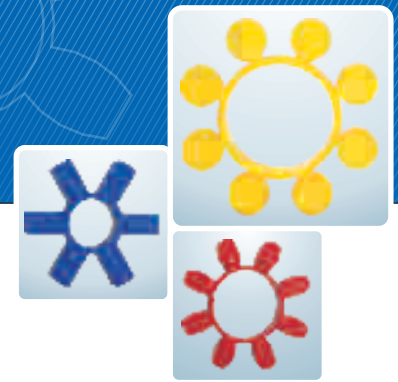


SPARCO

(Spareage Spider Range)



Spareage at a Glance



Corporate Office



OEM Facility

Spareage, a company that was born in 1959, is India's leading Seal manufacturer having a total workforce of 500 employees. Exporting 60% production to Europe and U.S.

Sales Dept. & Design Team



100,000 moulds of standard and non standard seal designs and 250 rubber and thermoplastic compounds are readily available for production.



Quality Control

Continuous Research,
Design & Development
for new & improved seals

Customised moulding presses



Spareage has the widest range of production activities of tool division, rubber moulding, injection moulding and polymer casting available under one roof.

High tonnage presses
upto 2500 mm in diameter



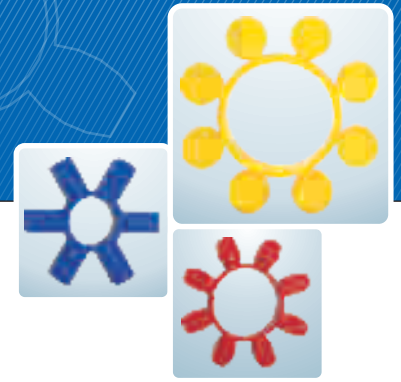
Express Seals Production



The oldest & the biggest manufacturer of seals in India with technologically advanced manufacturing facilities. Spareage is Trusted by leading OEMs & replacement market.

SPAREAGE[®]
Seals Limited

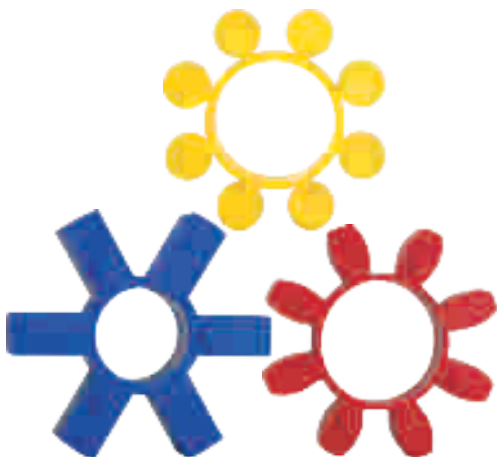
Introduction



Spareage is India's No.1 Seal manufacturer, providing customized sealing solutions to clients across all industries. Having more than five decades of experience and expertise in serving the industrial clients, Spareage along with its sealing & belting technology is now entering into industrial power transmission segment by introducing "SPARCO" the Spider Range for Couplings in six new variants.

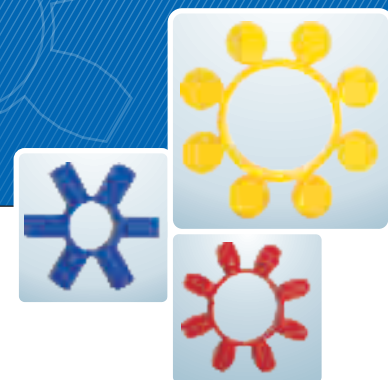
As one of the pioneers in the Industrial seal Segment we have perfected the art of producing high quality spider's, taking it to greater heights. So, whether you are into Automobile, Steel or into Power, you can place your trust in "SPARCO" to provide top quality Spider's at an economical cost.

Spareage has the ability to provide industry standard spider's to its valued customers in different sizes and quantities at a faster than ever pace.



SPAREAGE[®]
Seals Limited

N-Series Star Spider



N - Series Star Spider

Material: NBR 85 Shore 'A'
Temp. Range: -30° C + 100° C
Colour: Black

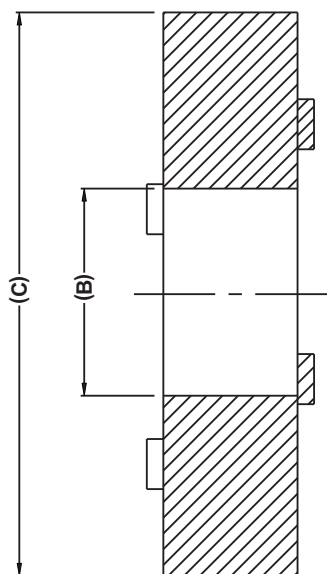


P - Series Star Spider

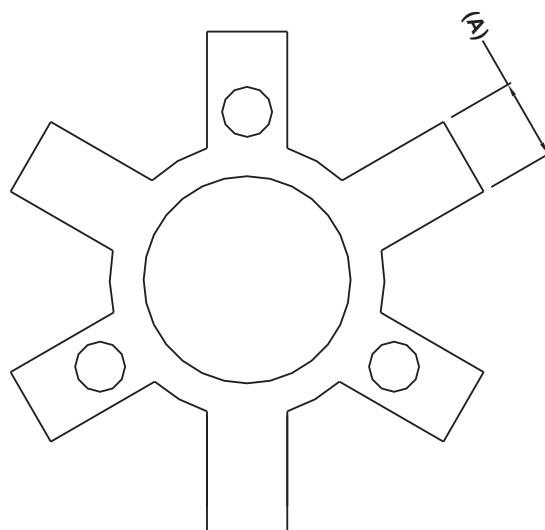
Material: PU 90 Shore 'A'
Temp. Range: -30° C + 100° C
Colour: Blue

(Sizes in MM)

Model No.	A	B	C	Spider
N-50	9.8	-	27.0	RUBBER
P-50				PU
N-70	7.0	-	34.0	RUBBER
P-70				PU
N-75	7.0	-	44.0	RUBBER
P-75				PU
N-95	9.2	18.8	54.0	RUBBER
P-95				PU
N-99/100	10.9	26.6	64.5	RUBBER
P-99/100				PU
N-110	11.5	34.2	84.0	RUBBER
P-110				PU
N-150	15.0	34.2	95.5	RUBBER
P-150				PU
N-190	15.5	44.5	113.8	RUBBER
P-190				PU
N-225	19.0	45.0	126.0	RUBBER
P-225				PU



SECTION VIEW



TOP VIEW

K-Series - Red Colour Spider



Material - Polyurethane
 Hardness - 98 Shore 'A'
 Temp.: $-30^{\circ}\text{C} + 100^{\circ}\text{C}$
 Pitch Strand: 22.4 - 2500 NM
 Wear tear: $<0.05\text{cm}^3 / 1.61\text{km}$

Usage:

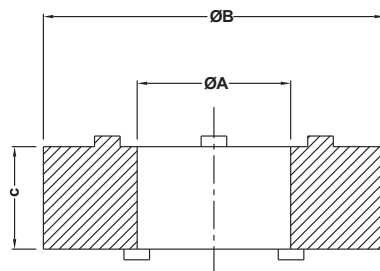
This products is apply to mechanical shaft coupling, buffered act on the joint of the transmission shaft.

Advantages:

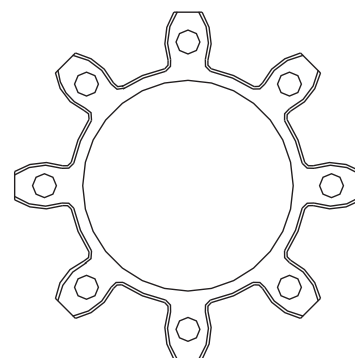
- Extremely resistance to wear, oil, ozone and ageing also resistance to hydrolysis.
- Protect the drive against dynamic overload.
- Good physical properties
- Failure protection
- Wide range of application
- Easy Installation

(Sizes in MM)

Model No.	A	B	C	Fin Nos.
K-19	18	40	12	6
K-24	27	55	14	8
K-28	29	65	15	8
K-38	38	80	18	8
K-42	46	95	20	8
K-48	51	105	21	8
K-55	60	120	22	8
K-65	68	135	26	8
K-75	80	160	30	10

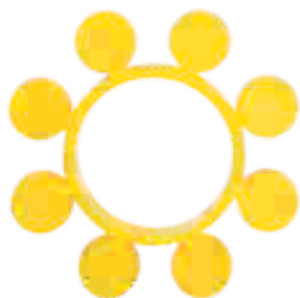


SECTION VIEW



TOP VIEW

M-Series - Yellow Colour Spider



Material - Polyurethane
 Hardness - 90-95 Shore 'A'
 Temp.: $-30^{\circ}\text{C} + 100^{\circ}\text{C}$
 Torque: 22.4 - 2500 NM
 Wear tear: $<0.05\text{cm}^3 / 1.61\text{km}$

Usage:

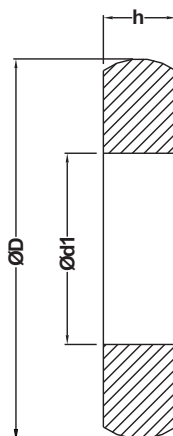
M-series coupling is mainly used in general machinery, large equipment and mechanical cushioning effect to joint of transmission shaft.

Advantages:

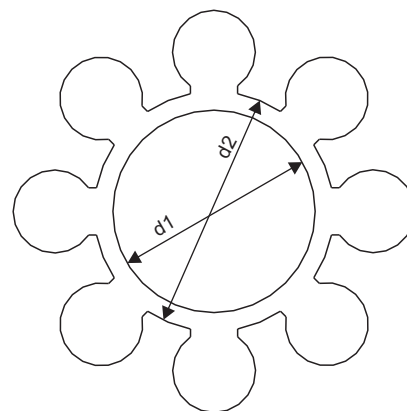
- Good physical properties
- Failure protection
- Wide range of application
- Easy Installation

(Sizes in MM)

Model No.	D	d1	d2	h	Fin Nos.
M-2	68	28	36	18	6
M-3	82	34	44	18	6
M-4	100	42	54	20	6
M-5	122	52	65	25	6
M-6	140	64	78	30	6
M-7	166	90	105	30	8
M-8	196	108	117	35	8
M-9	225	115	135	35	10



SECTION VIEW



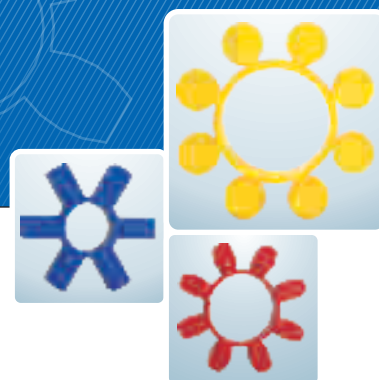
TOP VIEW

T - Series



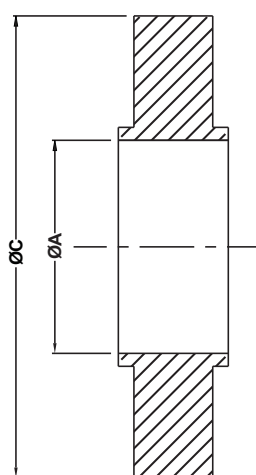
Material - NBR
Hardness - 85 Shore 'A'
Temp.: -40° C + 100° C
Colour : Black

Usage: This product is often used in general machinery and large scale equipments.

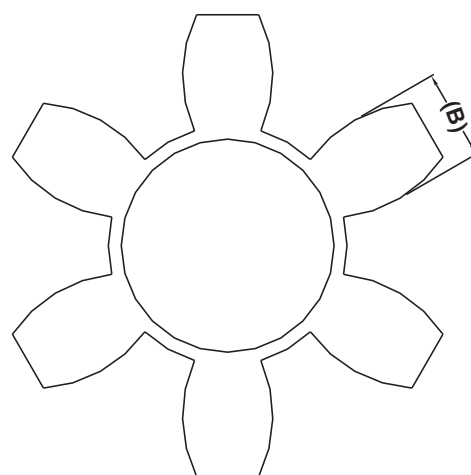


(Sizes in MM)

Model No.	A	B	C
T-70	29.6	12.0	58.3
T-90	31.2	15.4	72.4
T-110	44.0	19.6	96.0
T-130	49.4	22.0	115.3
T-150	62.0	28.0	133.0
T-180	76.0	32.0	160.0
T-230	98.0	42.2	201.0
T-280	119.0	50.4	252.0

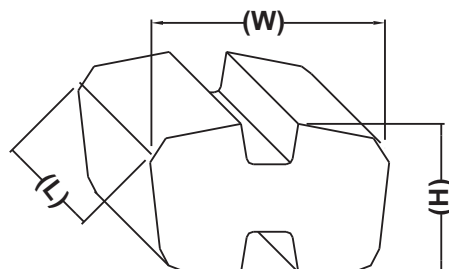


SECTION VIEW



TOP VIEW

H - Series



(Sizes in MM)

Model No.	A	B	C
H-80	9.0	21.0	11.0
H-95	12.2	25.0	13.2
H-110	16.0	29.0	13.5
H-125	18.2	32.0	15.0
H-140	21.5	35.0	16.0
H-160	24.5	36.5	20.3
H-180	35.0	44.0	31.5
H-200	43.5	48.0	35.5
H-240	48.0	61.0	40.0
H-280	40.0	51.0	34.5
H-315	41.0	48.0	35.6

Operating Conditions:

Temperature: -40° C to +100° C

Material: NBR

Hard: 85 shore A

Color: Black

Description:

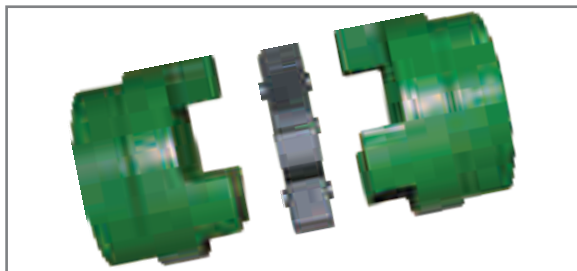
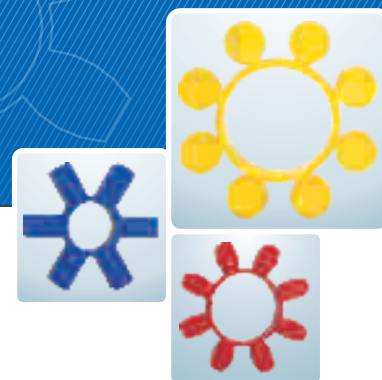
H series elastic buffers used in shaft coupling.

Usage:

This product is apply to mechanical shaft coupling, buffered act on the joint of the transmission shaft.

M-Series - Blue Colour Spider

Metal Couplings - CN & CP



Introduction

Spareage introduces C.I. Couplings in its wide range of products. These couplings are stocks bore and used in different industries for light, medium & heavy duty electrical motor and internal combustive power transmission application. Please refer below dimensional table for more details.

Features

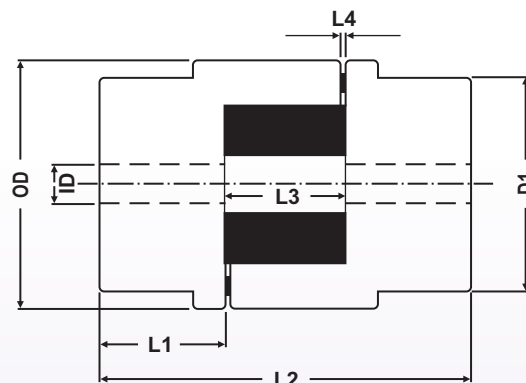
- ♦ Easy and Fast Installation, Easy Alignment
- ♦ Best Quality cast iron body.
- ♦ Extra strength and durability
- ♦ Safety - Still perform if elastomer fails.
- ♦ Prevent metal to metal contact
- ♦ Most types available in stock within 24 hrs.

Dimensional Information

Material : Cast Iron

Model No.	L1	L2	L3	L4	D1	ID	OD	Spider
CN-50	15.0	42.0	12.0	1.0	27.0	5.0	27.0	RUBBER
CP-50								PU
CN-70	19.0	51.0	13.0	2.0	36.0	9.0	36.0	RUBBER
CP-70								PU
CN-75	21.0	56.0	14.0	2.0	39.0	9.0	44.5	RUBBER
CP-75								PU
CN-95	25.0	63.0	13.0	2.0	49.0	10.0	54.0	RUBBER
CP-95								PU
CN-99/100	35.0	88.0	18.0	3.0	57.0	10.0	65.0	RUBBER
CP-99/100								PU
CN-110	43.0	108.0	22.0	3.0	76.0	15.0	85.0	RUBBER
CP-110								PU
CN-150	45.0	115.0	25.0	3.0	80.0	15.0	96.0	RUBBER
CP-150								PU
CN-190	54.0	133.0	25.0	3.0	102.0	20.0	115.0	RUBBER
CP-190								PU
CN-225	64.0	153.0	25.0	3.0	108.0	20.0	127.0	RUBBER
CP-225								PU

Above couplings sizes are available with / without spiders.



- Applications include power transmission to industrial equipment such as pumps, gear boxes, compressors, blowers, mixers and conveyors.
- Standard CP & CN couplings hub is made of cast iron.
- Readily available in stock.

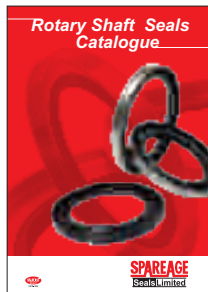
Win with Spareage...

CORE BUSINESS



HYDRAULIC SEALS

- More than 6000 std. sizes.
- Wide range of seal profiles.
- Medium & heavy duty application.
- Mould available up to 2 mtr. Dia.
- Extended information..



ROTARY SEALS

- More than 7000 std. sizes.
- Wide range of seal profiles.
- Mould available up to 2 mtr. Dia.
- Extended information.



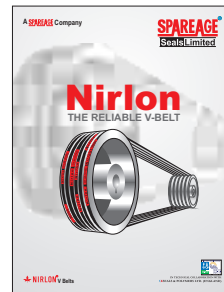
PNEUMATIC SEALS

- More than 4000 std. sizes.
- Wide range of seal profiles.
- Extended information.



O-RINGS

- Listed more than 7000 B.S sizes.
- JIS standard also available.
- Orings available in NBR & FPM matl.



V - BELTS

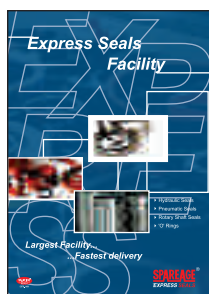
- Classic V-belts.
- Wedge V-belts & Narrow V-belts.
- Hexagonal V-belts.
- Profile Top V-belts.
- Harvester Combine & Flat belts.
- Fractional Horse Power belts.
- Automotive Wrapped belts.



SPIDER RANGE

- All std. sizes available with 6 different profiles.
- Mechanical Flexibility.
- Available in NBR and PU matl.
- Metal coupling available.
- Protection against overloads.

COMPANY FACILITIES



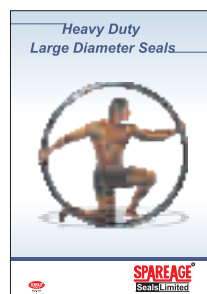
EXPRESS DIVISION

- Delivering 30,000 types of standard seal profiles in 1 hour.
- More than 100 specific seal profiles in sizes of upto 300 mm dia. within 8 hours.
- Express seals helpline.
- Metal Seals upto 200 mm in 24 hrs.



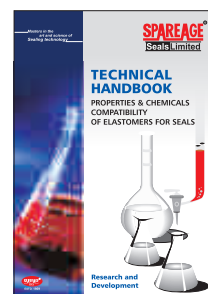
OEM DIVISION

- Injection Moulding Machines.
- PPAP
- SCADA
- Line Production Facilities.
- SAP Systems.



LARGE DIA SEALS

- Mfg. seals upto 4000 mm. in various elastomer compounds.
- Services to MRO & OEM Mfg.
- Large size dia making on VTL.
- High tonnage presses.
- Large size metal & rubber moulding.



R & D CENTRE

- Reverse Engineering.
- Indigenization & Import substitution.
- Endurance testing.
- Polymer & Compound testing.



TESTING LABORATORY

- 7000 sq. ft. state-of-the-art laboratory.
- Advanced testing equipment and tools.
- Testing of seals from raw material to finished stage.
- In-house testing of physical & chemical properties

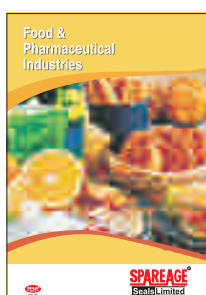
PROVIDING SEALING SOLUTIONS TO BELOW INDUSTRIES -



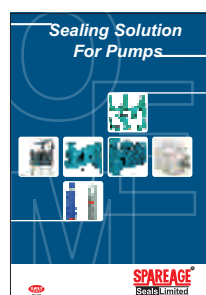
Steel Mill



Oil & Gas



Food & Pharma



Pump & Motor



Forging Presses



Cement



Wind Mill



SPM & Engineering

Segments -

- Automobile Industry
- Aluminum Industry
- Cement Industry
- Chemical & Fertilizer
- Earth Moving Equipment
- Engineering & Fabrication
- Food & Pharmaceutical
- Forging Presses
- Hydraulic Cylinder Manufacturing
- Oil & Gas
- Pulp & Paper Mill
- Pharmaceutical
- Pneumatic Cylinder Mfg.
- Power Plant
- Press
- Pump & Motor
- SPM & Engineering
- Steel Mill
- Sugar
- Textile
- Tyre
- Valve Manufacturing
- Wind Mill

Spareage Seals Ltd.

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E-mail: sales@spareage.com | Website: www.spareage.com



IN TECHNICAL COLLABORATION WITH
UKSEALS & POLYMERS LTD. (ENGLAND)