

RUBBER-METAL ELEMENT TYPE GML-R

BEARING ELEMENT WITH THROUGH HOLE AND CENTERING COLLAR



STRUCTURE TYPE GML-R METAL PARTS / RUBBER ELEMENT

- Bearing element with through hole for fastening with through bolts
- Material: 1.0038 (S235JR)
- Corrosion protection: oiled or electrogalvanized
- Cylindrical rubber element with metal plates vulcanized onto both sides

Rubber grade	NBR
Rubber hardness	hard – 70 Shore A medium – 60 Shore A soft – 45 Shore A
Possible uses	Water, gas, fuel oil, mineral oil

DIMENSIONS / STRESS

Ø D	Ø A	Ø B	Ø C	E	F	s	Rubber hardness Shore A	Compression stress Spring rate c_z N/mm	Load F_{tol}^* N	Art. No.	Pck. qty.
mm	mm	mm	mm	mm	mm	mm					
36	6.2	10	15	10	6.0	1.0	70	2000	2600	51895500	50
36	6.2	10	15	10	6.0	1.0	60	1350	1600	51895900	50
36	6.2	10	15	10	6.0	1.0	45	800	950	51896300	50
36	8.5	12	18	10	4.0	1.0	70	1550	1900	51895600	50
36	8.5	12	18	10	4.0	1.0	60	1000	1200	51896000	50
36	8.5	12	18	10	4.0	1.0	45	620	700	51896400	50
36	16.6	17	20	8	3.0	1.0	70	1900	1800	51874000	50
36	16.6	17	20	8	3.0	1.0	60	1250	1100	51874100	50
36	16.6	17	20	8	3.0	1.0	45	770	650	51874200	50
50	16.5	20	23	13	9.5	1.5	70	2200	3700	51895700	50
50	16.5	20	23	13	9.5	1.5	60	1500	2300	51896100	50
60	20.5	24	27	13	10.5	1.5	70	3000	6100	51895800	25
60	20.5	24	27	13	10.5	1.5	60	2000	3800	51896200	25
60	20.5	24	27	13	10.5	1.5	45	1050	2200	51896600	25

* F_{tol} is the **tolerable static permanent load**: a dynamic alternating load can be superimposed. The stated tolerable loads are only approximate indications for the static load. Delivery only possible in the stated packaging quantities (far-right column).

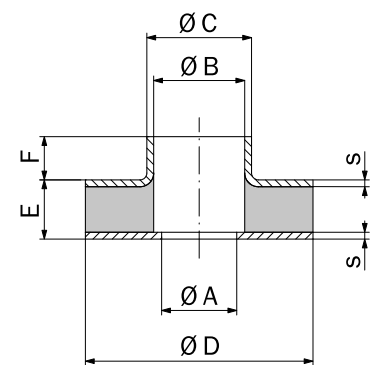
NOTE

Please comply with general technical instructions. Subject to technical alterations and deviations resulting from the manufacturing process.

APPLICATIONS

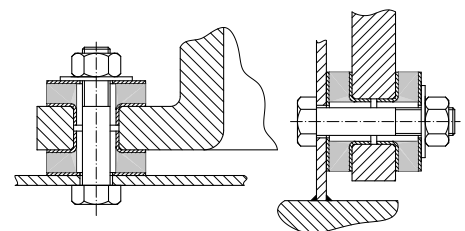
- highly versatile in e.g.
 - mechanical engineering
 - electrical industry
- for elastic bearing
- for compressive stress
- for shearing stress
- for superimposed compressive/shearing stress
- also for tensile stress (for pre-tensioned arrangement in pairs)
- for damping sound and vibration

VERSIONS



Type GML-R

With bore hole for through bolts



Arranged in pairs to interrupt structure-borne vibration