

## Ball joint thrust pads

### SPECIFICATION

Steel

- Tensile strength class 5.8
- zinc plated, blue passivated

### INFORMATION

Ball joint thrust pads GN 346 are in general used for transfer of clamping forces. They adjust themselves to uneven or non-parallel surfaces and clamp without twisting the clamped parts.

The values were arrived at by a series of tests whereby a limited number of ball joint pads were subjected for a limited time to a vertical static load to the pads.

At the values given in the table a permanent deformation of the ball is almost impossible.

Ball joint thrust pads GN 346 can also be used as levelling feet with a small foot diameter.

### TECHNICAL INFORMATION

- Strength values of nuts (see page A20)



GN 347

## Hexagon nuts with ball socket

### SPECIFICATION

Steel

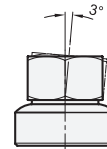
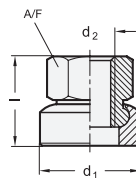
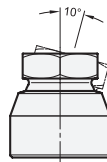
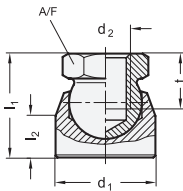
- Tensile strength class 10
- blackened

### INFORMATION

Hexagon nuts with ball socket GN 347 are capable of clamping slanting surfaces up to 3° without disturbing / twisting the clamped surface.

### TECHNICAL INFORMATION

- Strength values of nuts (see page A20)



### GN 346

Description	d1	d2	l1 ≈	l2	t min.	A/F	Static load in kN	⚖️
GN 346-16-M8	16	M 8	19	7	9	12	5	20
GN 346-20-M10	20	M 10	22	8	11	15	7.5	35
GN 346-24-M12	24	M 12	25	10	12	17	10	50
GN 346-30-M16	30	M 16	34	13	16	24	15	115

### GN 347

Description	d1	d2	l ≈	A/F	⚖️
GN 347-17-M8	17	M 8	14	13	13
GN 347-21-M10	21	M 10	17.5	16	25
GN 347-24-M12	24	M 12	21.5	18	38
GN 347-30-M16	30	M 16	28	24	76
GN 347-36-M20	36	M 20	35	30	141
GN 347-44-M24	44	M 24	42.5	36	262

