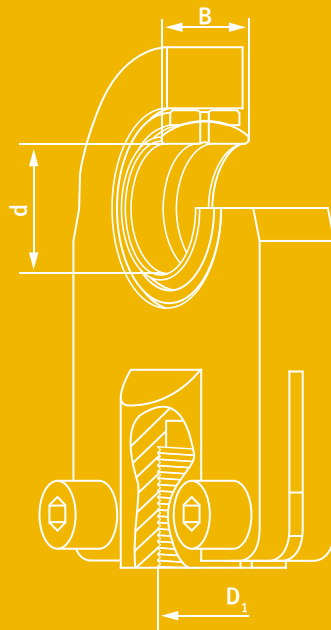


Ball joint ends

Also available in inch sizes!



Ball joint end, steel / steel with inside thread
2-sided clamable

Art. Nr.		d	B	D ₁
SIR 20 ES	(GIHR-K 20 DO)	20	16	M16 x 1,5
SIR 25 ES	(GIHR-K 25 DO)	25	20	M16 x 1,5
SIR 30 ES	(GIHR-K 30 DO)	30	22	M22 x 1,5
SIR 35 ES	(GIHR-K 35 DO)	35	25	M28 x 1,5
SIR 40 ES	(GIHR-K 40 DO)	40	28	M35 x 1,5
SIR 50 ES	(GIHR-K 50 DO)	50	35	M45 x 1,5
SIR 60 ES	(GIHR-K 60 DO)	60	44	M58 x 1,5
SIR 70 ES	(GIHR-K 70 DO)	70	49	M65 x 1,5
SIR 80 ES	(GIHR-K 80 DO)	80	55	M80 x 2
SIR 90 ES	(GIHR-K 90 DO)	90	60	M100 x 2
SIR 100 ES	(GIHR-K 100 DO)	100	70	M110 x 2
SIR 110 ES	(GIHR-K 110 DO)	110	70	M120 x 2
SIR 120 ES	(GIHR-K 120 DO)	120	85	M130 x 2

Ball joint end, steel / steel with inside thread
non clamable

Art. Nr.		d	B	D ₁
SIRD 20 ES	(GIHR 20 DO)	20	16	M16 x 1,5
SIRD 25 ES	(GIHR 25 DO)	25	20	M16 x 1,5
SIRD 30 ES	(GIHR 30 DO)	30	22	M22 x 1,5
SIRD 35 ES	(GIHR 35 DO)	35	25	M28 x 1,5
SIRD 40 ES	(GIHR 40 DO)	40	28	M35 x 1,5
SIRD 50 ES	(GIHR 50 DO)	50	35	M45 x 1,5
SIRD 60 ES	(GIHR 60 DO)	60	44	M58 x 1,5
SIRD 70 ES	(GIHR 70 DO)	70	49	M65 x 1,5
SIRD 80 ES	(GIHR 80 DO)	80	55	M80 x 2
SIRD 90 ES	(GIHR 90 DO)	90	60	M100 x 2
SIRD 100 ES	(GIHR 100 DO)	100	70	M110 x 2
SIRD 110 ES	(GIHR 110 DO)	110	70	M120 x 3
SIRD 120 ES	(GIHR 120 DO)	120	85	M130 x 3

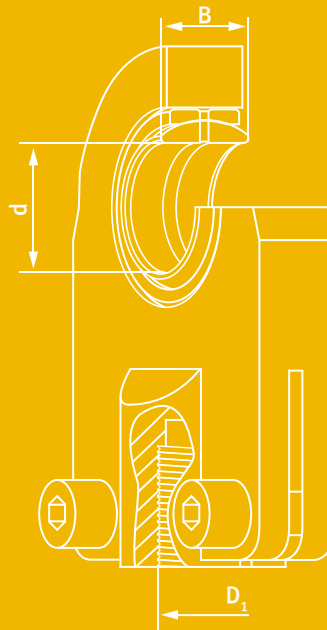


Permissible working temperature: -60°C - +150°C (Applications up to +250°C with possible losses of length of life).

Further restrictions through lubricant should be kept in mind.

Ball joint ends

Also available in inch sizes!



Ball joint end, steel / steel with inside thread
with wide ring, 1-sided clampable

Art. Nr.		d	B	D ₁
SIQG 12 ES	(GIHN-K 12 LO)	12	12	M12 x 1,25
SIQG 16 ES	(GIHN-K 16 LO)	16	16	M14 x 1,5
SIQG 20 ES	(GIHN-K 20 LO)	20	20	M16 x 1,5
SIQG 25 ES	(GIHN-K 25 LO)	25	25	M20 x 1,5
SIQG 32 ES	(GIHN-K 32 LO)	32	32	M27 x 2
SIQG 40 ES	(GIHN-K 40 LO)	40	40	M33 x 2
SIQG 50 ES	(GIHN-K 50 LO)	50	50	M42 x 2
SIQG 63 ES	(GIHN-K 63 LO)	63	63	M48 x 2
SIQG 70 ES	(GIHN-K 70 LO)	70	70	M56 x 2
SIQG 80 ES	(GIHN-K 80 LO)	80	80	M64 x 2
SIQG 90 ES	(GIHN-K 90 LO)	90	90	M72 x 3
SIQG 100 ES	(GIHN-K 100 LO)	100	100	M80 x 3
SIQG 110 ES	(GIHN-K 110 LO)	110	110	M90 x 3
SIQG 125 ES	(GIHN-K 125 LO)	125	125	M100 x 3

Ball joint end, steel / steel with inside thread
with wider housing, 2-sided clampable

Art. Nr.		d	B	D ₁
SIJ 12 ES	(GIHO-K 12 DO)	12	10	M10 x 1,25
SIJ 16 ES	(GIHO-K 16 DO)	16	14	M12 x 1,25
SIJ 20 ES	(GIHO-K 20 DO)	20	16	M14 x 1,5
SIJ 25 ES	(GIHO-K 25 DO)	25	20	M16 x 1,5
SIJ 30 ES	(GIHO-K 30 DO)	30	22	M20 x 1,5
SIJ 40 ES	(GIHO-K 40 DO)	40	28	M27 x 2
SIJ 50 ES	(GIHO-K 50 DO)	50	35	M33 x 2
SIJ 60 ES	(GIHO-K 60 DO)	60	44	M42 x 2
SIJ 80 ES	(GIHO-K 80 DO)	80	55	M48 x 2
SIJ 100 ES	(GIHO-K 100 DO)	100	70	M64 x 3

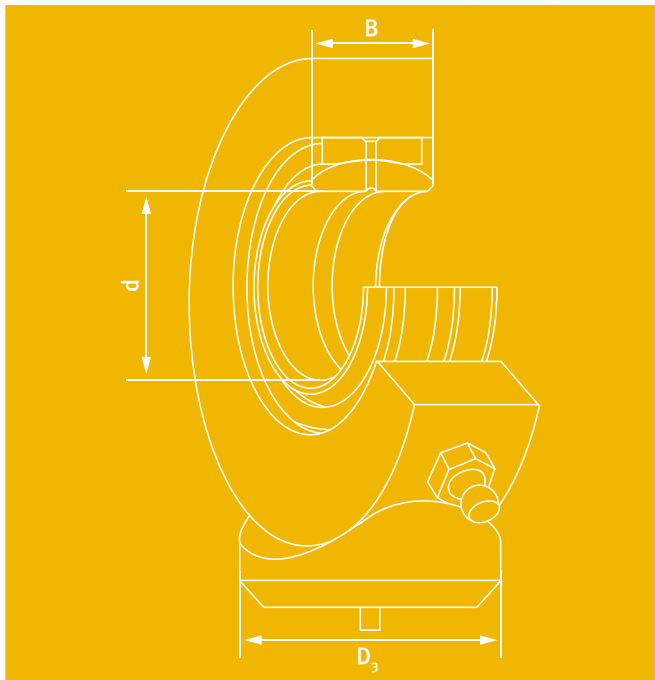


Permissible working temperature: -60°C - +150°C (Applications up to +250°C
with possible losses of length of life).

Further restrictions through lubricant should be kept in mind.

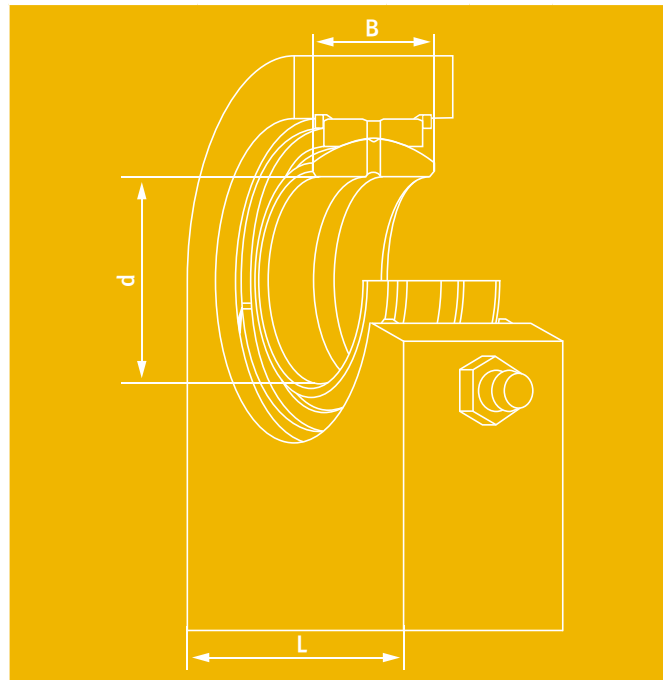
Ball joint ends

Also available in inch sizes!



Ball joint end, steel / steel
with round weld-on bold

Art. Nr.		d	B	D ₃
SC 10 ES	(GK 10 DO)	10	9	15,0
SC 12 ES	(GK 12 DO)	12	10	17,5
SC 15 ES	(GK 15 DO)	15	12	21,0
SC 17 ES	(GK 17 DO)	17	14	24,0
SC 20 ES	(GK 20 DO)	20	16	27,5
SC 25 ES	(GK 25 DO)	25	20	33,5
SC 30 ES	(GK 30 DO)	30	22	40,0
SC 35 ES	(GK 35 DO)	35	25	47,0
SC 40 ES	(GK 40 DO)	40	28	52,0
SC 45 ES	(GK 45 DO)	45	32	58,0
SC 50 ES	(GK 50 DO)	50	35	62,0
SC 60 ES	(GK 60 DO)	60	44	70,0
SC 70 ES	(GK 70 DO)	70	49	80,0
SC 80 ES	(GK 80 DO)	80	55	95,0



Ball joint end, steel / steel
with angular weld-on bold

Art. Nr.		d	B	L
SCF 20 ES	(GF 20 DO)	20	16	50
SCF 25 ES	(GF 25 DO)	25	20	55
SCF 30 ES	(GF 30 DO)	30	22	65
SCF 35 ES	(GF 35 DO)	35	25	83
SCF 40 ES	(GF 40 DO)	40	28	100
SCF 45 ES	(GF 45 DO)	45	32	110
SCF 50 ES	(GF 50 DO)	50	35	123
SCF 60 ES	(GF 60 DO)	60	44	140
SCF 70 ES	(GF 70 DO)	70	49	164
SCF 80 ES	(GF 80 DO)	80	55	180
SCF 90 ES	(GF 90 DO)	90	60	226
SCF 100 ES	(GF 100 DO)	100	70	250
SCF 110 ES	(GF 110 DO)	110	70	295
SCF 120 ES	(GF 120 DO)	120	85	360



Permissible working temperature: -60°C - +150°C (Applications up to +250°C
with possible losses of length of life).

Further restrictions through lubricant should be kept in mind.