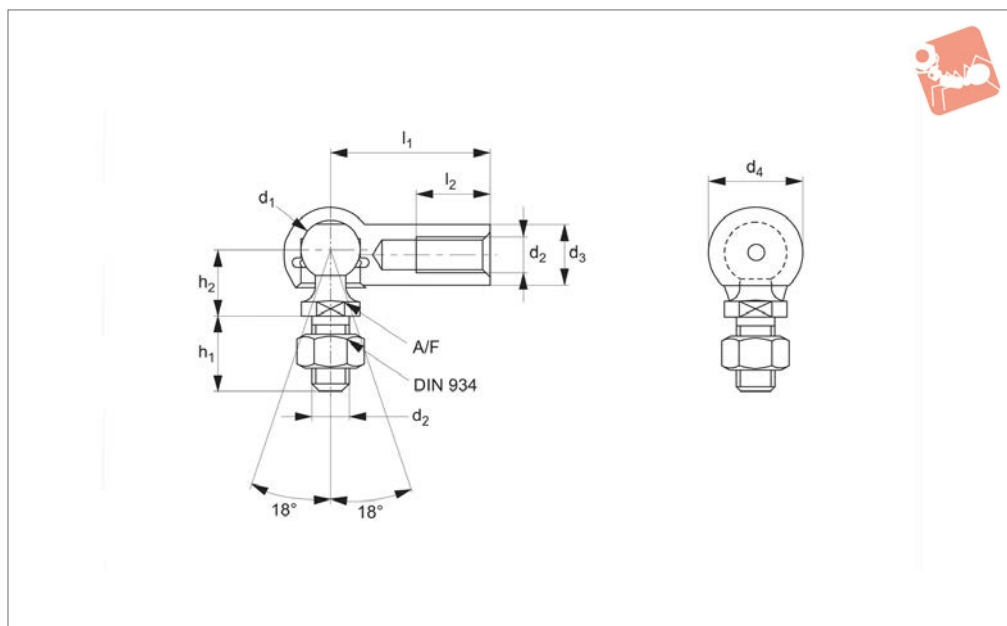
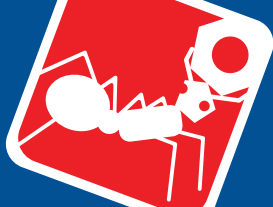




65500

Material

Steel, silver zinc plated, ball stud:
minimum tensile strength $R_m=600N/mm^2$.
Housing: minimum tensile strength
 $R_m=500N/mm^2$.

hexagon nut.

Safety ring aids the retention of the ball
stud in the housing.

*M14x1,5 is a fine pitch thread.

Tips

For sealing cap version, see .

Standard thread is right hand, (for left
hand thread see 65502).

Important Notes

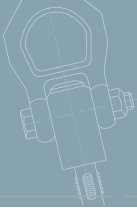
Thread is not full length. There is a min
1.5mm unthreaded shank. If using part
without the supplied nut, then please
consider a counterbore to accommodate
the unthreaded shank.

Technical Notes

To DIN 71802 form CS, supplied with

Order No.	Thread hand	d ₁	l ₁ ±0.3	d ₂	d ₃	d ₄	h ₁ ±0.3	Weight g
65500.W0105	Right	8	22	M 5	8	12.8	10.2	15.2
65500.W0106	Right	10	25	M 6	10	14.8	12.5	25.2
65500.W0108	Right	13	30	M 8	13	19.3	16.5	53.1
65500.W0110	Right	16	35	M10	16	24.0	20.0	103.8
65500.W0112	Right	16	35	M12	16	24.0	20.0	103.8
65500.W0114	Right	19	45	M14x1,5*	22	30.0	28.0	220.9
65500.W0115	Right	19	45	M14	22	30.0	28.0	220.9
65500.W0116	Right	19	45	M16	22	30.0	28.0	220.9

Order No.	h ₂ ±0.3	l ₂ min.	A/F tol. h14	Extraction force kg min.	Static load kg max.	Dyn. load C kg max.	Force required for movement kg max.
65500.W0105	9	10.2	7	3	50	20	3
65500.W0106	11	11.5	8	4	100	40	4
65500.W0108	13	14.0	11	6	200	80	6
65500.W0110	16	15.5	13	8	400	160	8
65500.W0112	16	15.5	13	8	400	160	8
65500.W0114	22	21.5	16	10	800	320	10
65500.W0115	22	21.5	16	10	800	320	10
65500.W0116	22	21.5	16	10	800	320	10



Parts overview



Ball and Socket Joints

Ball and socket joints to DIN 71802 available in zinc plated steel and stainless steel. Right and left hand threads available. Sizes M5 up to M16.



Axial Ball and Socket Joints

In-line ball and socket joints to DIN 71802 available in zinc plated steel and stainless steel. Sizes M5 up to M14 x 1,5.



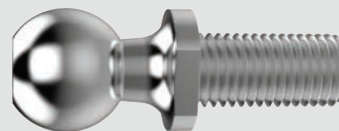
Ball and Socket Joints with sealing caps and spanner flats

Ball and socket joints to DIN 71802 available in zinc plated steel and stainless steel. Right and left hand threads available. Spanner flats on housing to aid installation. Sizes M5 up to M16.



Quick Release plus other ball and socket joints

Quick release ball joints allow rapid release and reconnection of ball stud for easy installation. DMG6 and male:female ball joints and lockable also available. Sizes M5 up to M10.



Threaded Ball Studs

Threaded ball studs to DIN71803 form C available in zinc plated steel. Sizes M5 up to M14.

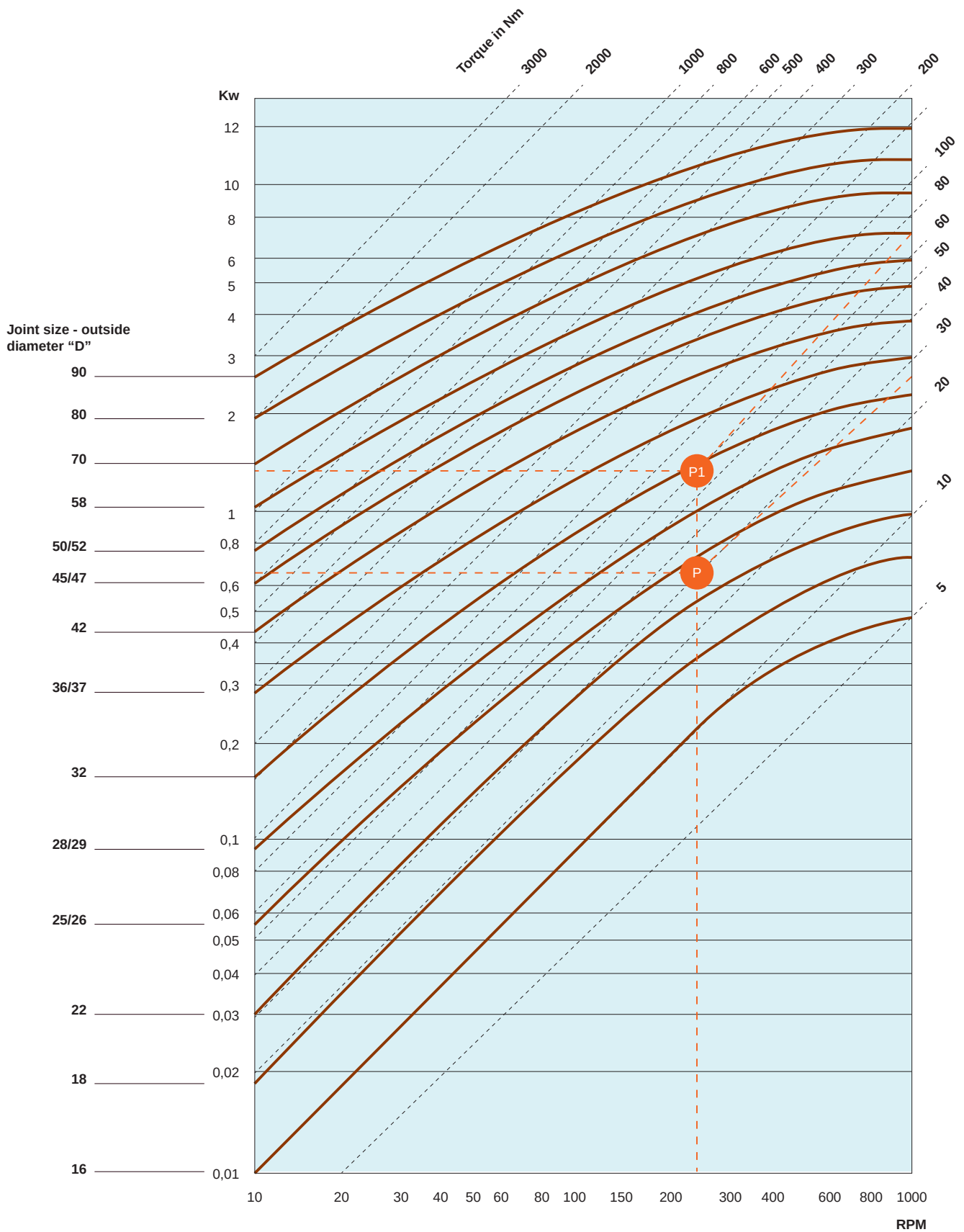
see our website for our full range:
wixroyd.com



Torque Ratings for Plain Bearing Universal Joints



Materials
Handling



BALL AND SOCKET JOINTS