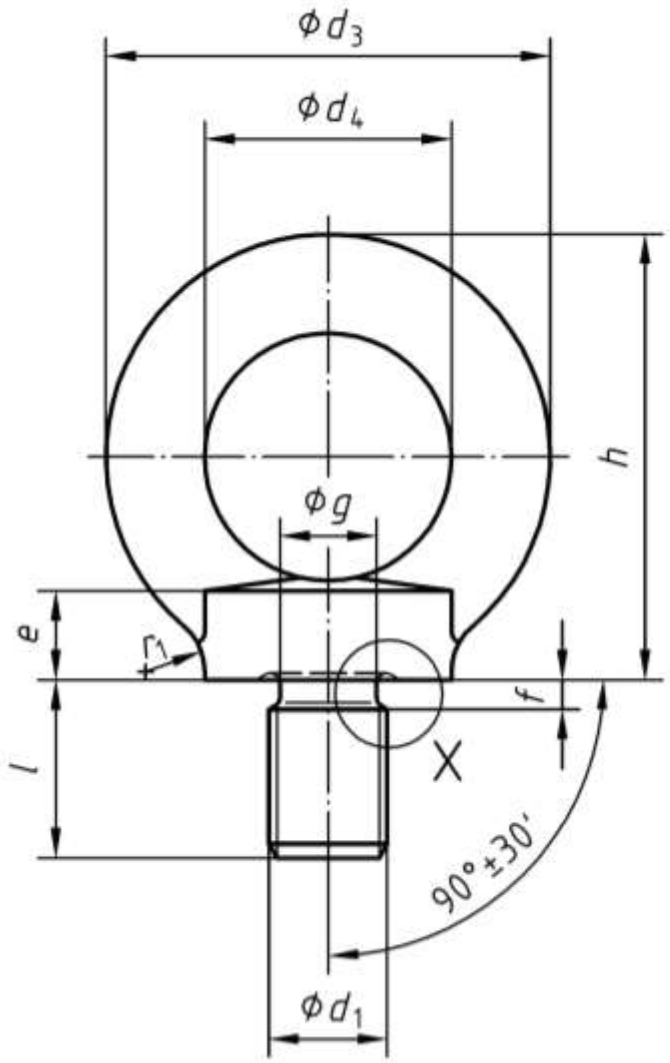
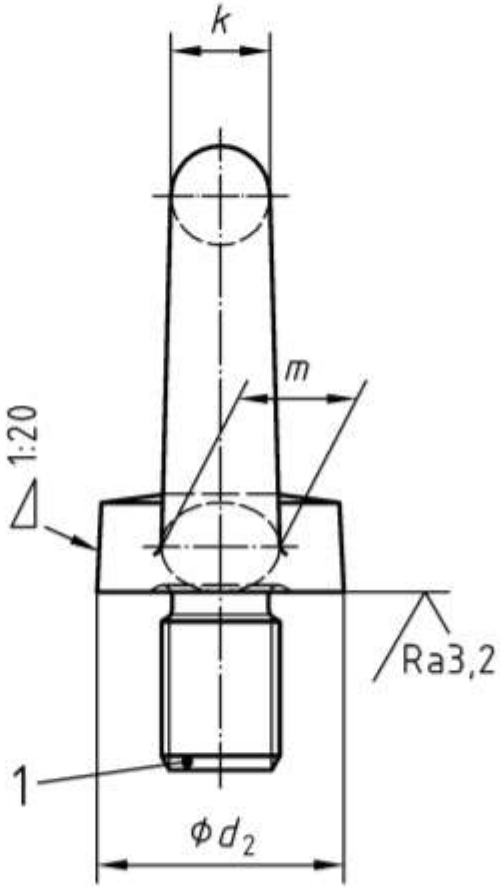
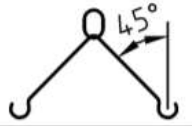
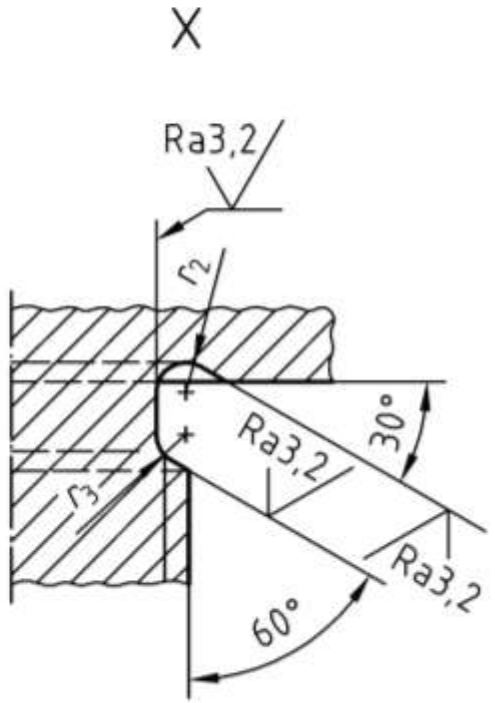
Technical Data sheet for DIN 580

Gewinde (d_1)	M12
d_2	30
d_3	54
d_4	30
e	10
f	3,5
g h13	9,4
h	53
k	12
l ± ½ IT 15	20,5
m	14
r_1	6
r_2	2
r_3	1,2
Gewicht kg/Stück ≈	0,18





Gewinde (d_1)		M12
SWL (KG) Single-Leg		340
SWL (KG) Double-Leg		240



Technical Data sheet for BS 4278: 1984

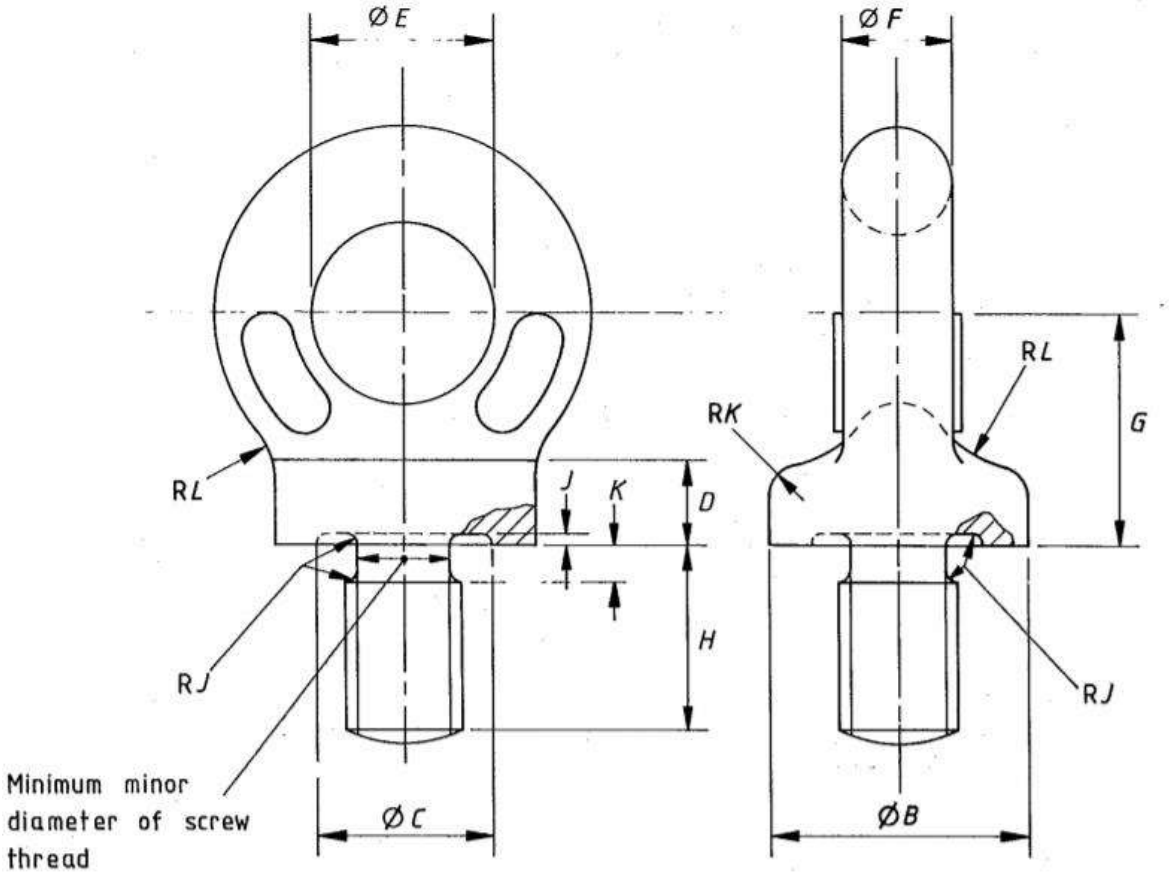
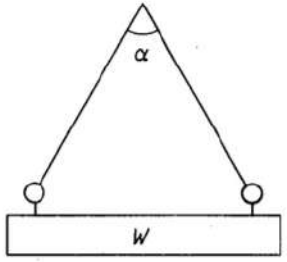


Figure 1. Collar eyebolt

Table 1. Collar eyebolt (see figure 1)

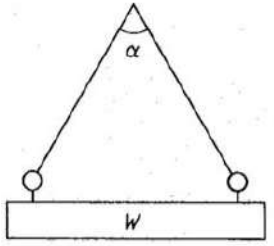
Safe working load (axial)	Metric thread dia.	*B* = 1.5*E*	*C* = *E*	*D* = 0.5*E*	*E**	*F* = 0.6*E*	*G* = 1.33*E*	*H* = 1.17*E*	*J*	*K* = 0.17*E*	*L* = 0.6*E*
tonnes	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
0.4	12	22	15	7	15	9	20	18	1	3	9

Table 7. Maximum recommended working loads for collar eyebolts (metric threads) when used in pairs for inclined loading conditions



Safe working load (single eyebolt axial) (see table 1)	Maximum load *W* to be lifted by a pair of eyebolts when the angle between sling legs is:		
	$0 < \alpha \leqslant 30°$	$30° < \alpha \leqslant 60°$	$60° < \alpha \leqslant 90°$
tonnes	tonnes	tonnes	tonnes
0.4	0.5	0.32	0.2
0.8	1.0	0.64	0.4
1.6	2.0	1.25	0.8
2.5	3.2	2.0	1.25
4.0	5.0	3.2	2.0
6.3	8.0	5.0	3.2
8.0	10	6.3	4.0
10	12.5	8.0	5.0
12.5	16	10	6.3
16	20	12.5	8.0
20	25	16	10
25	32	20	12.5
Reduction factor	0.63	0.4	0.25

Table 9. Maximum recommended working loads for collar eyebolts (imperial threads) when used in pairs for inclined loading conditions



Safe working load (single eyebolt axial) (see table 4)	Maximum load *W* to be lifted by a pair of eyebolts when the angle between the sling legs is:		
	$0 < \alpha \leqslant 30°$	$30° < \alpha \leqslant 60°$	$60° < \alpha \leqslant 90°$
tonnes	tonnes	tonnes	tonnes
0.25	0.32	0.2	0.13
0.5	0.63	0.4	0.25
0.9	1.13	0.72	0.45
1.4	1.76	1.12	0.7
2.0	2.52	1.6	1.0
2.75	3.47	2.2	1.38
3.5	4.41	2.8	1.75
4.5	5.67	3.6	2.25
6.5	8.19	5.2	3.25
9.0	11.34	7.2	4.5
12.0	15.12	9.6	6.0
15.0	18.9	12.0	7.5
20.0	25.2	16.0	10.0
30.0	37.8	24.0	15.0
Reduction factor	0.63	0.4	0.25