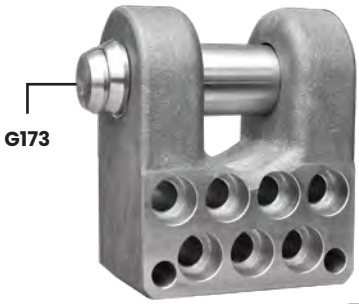
CE

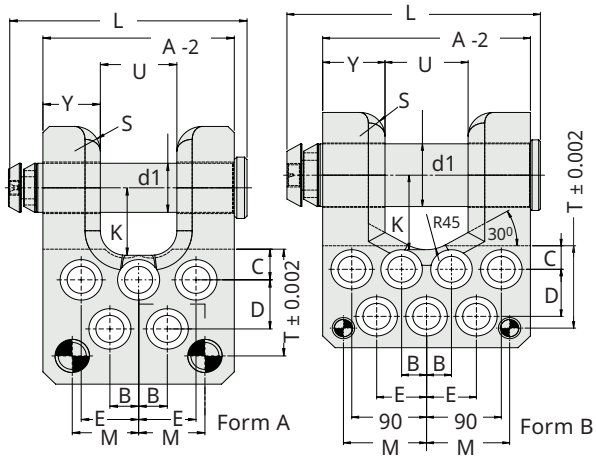
NEW

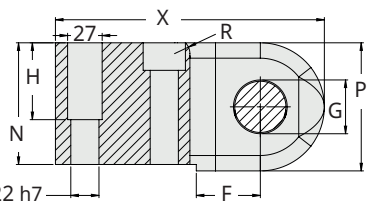


Code: **G53B**

Die Lifting Bracket with Pin - BMW

The **G53B** is shipped with the "**G173** Die Lifting Pin".



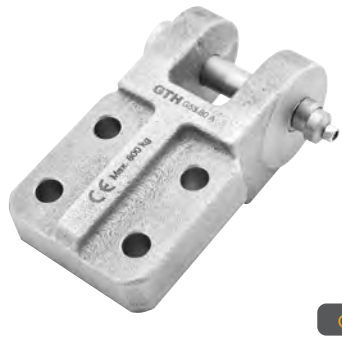


d1	L	A	P	X	G	K	S	Max. Load	Max. Capacity	Form
30	158	126	80	185	32	50	16	3.200 kg.	6.400 kg.	A
40	187	150	100	210	42	55	20	5.000 kg.	10.000 kg.	
50	220	175	120	240	52	70	24	8.000 kg.	16.000 kg.	
60	246	200	140	300	62	80	30	12.500 kg.	25.000 kg.	
80	305	250	160	300	82	95	30	18.000 kg.	36.000 kg.	B

R	U	Y	F	T	C	D	M	E	B	N	H	Screw
12	50	38	40	85	35	30	45	40	20	75	40	M16 x 80
12	60	45	50	87	40	25	52	45	22.5	95	60	M20 x 100
16	75	50	60	95	45	35	62.5	50	25	115	80	M24 x 120
20	80	60	65	145	65	60	77.5	65	35	130	95	M36 x 160
20	100	75	90	105	60	30	100	60	30	150	115	M30 x 130

Order: **G53B**. d1

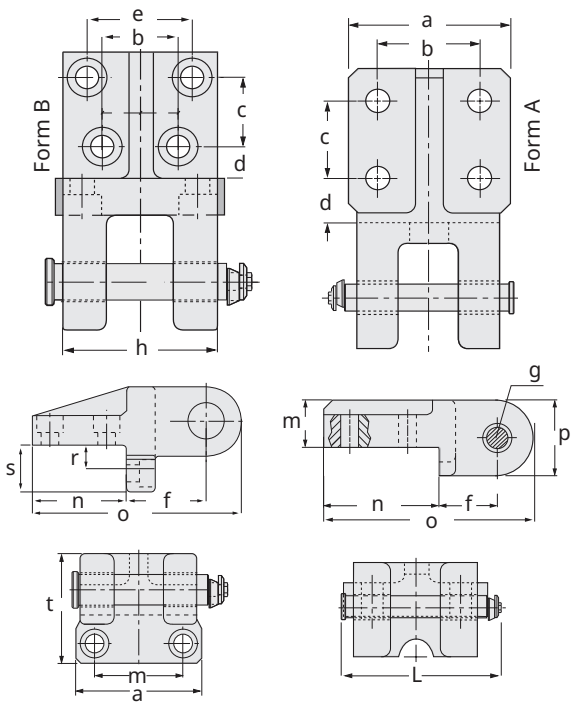
CE



Code: **G53**

Die Lifting Bracket with Pin - FCA

Reference: FCA Norm STQ 40001 04 / 12 / 2014

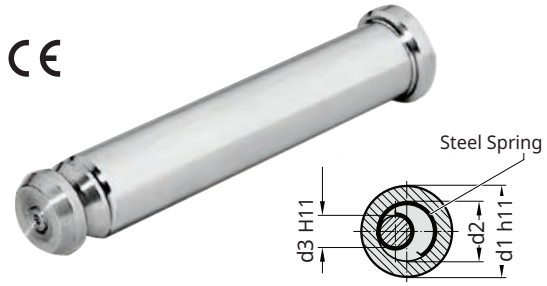


a	b	c	d	e	f	Max. Load	Max. Capacity	Form
80	50	40	22.5	-	39	600 kg.	1.200 kg.	A
90	60	40	27.5	-	42	1.000 kg.	2.000 kg.	
100	65	65	32.5	-	60	2.000 kg.	4.000 kg.	
135	56	60	20	84	85	4.000 kg.	8.000 kg.	B
180	80	70	30	110	100	7.000 kg.	14.000 kg.	

a	g	h	L	m	n	o	r	s	t	p
80	16	70	102.5	32	80	145	-	-	-	52
90	21	79	113.5	36	90	160	-	-	-	56
100	26	90	128.5	50	120	215	-	-	-	70
135	34	125	166.5	96	100	221	30	50	111	72
180	44	160	210.5	130	125	270	35	60	40	90

Order: **G53.** a x Form

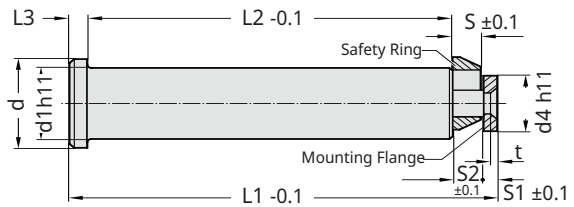
Due to safety reasons, die weight should not exceed maximum load that 2 lifting pins can bear.



Die Lifting Pin - CNOMO

Code: **G153**

CNOMO Norm EM24.50.4000 02/2014

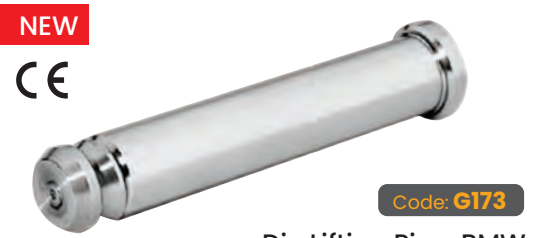


d1	d	d2	d3	d4	L1	L2	L3	S	S1	S2	t	Max. Cap. 2 Pins
32	40	22	12	25	154	132	6	10	5	11	2.5	12.000 Kg.
40	50	28	16	32	197.75	170	8	12.5	6	13.75	3	18.000 Kg.
50	63	36	20	40	247.6	212	10	16	8	17.6	4	28.000 Kg.
63	80	45	25	50	309	265	12	20	10	22	5	45.000 Kg.

Order: **G153.** d1

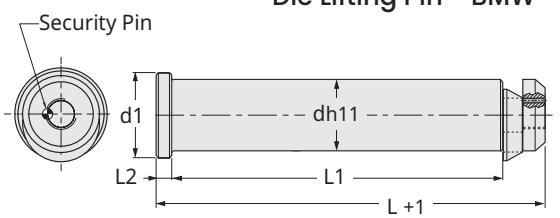
Material: CK45

NEW



Code: **G173**

Die Lifting Pin - BMW



d	d1	L	L1	L2	Max. Load kg.	Max. Capacity kg.
30	40	159	129	10	3.200 Kg.	6.400 Kg.
40	50	187	155	10	5.000 Kg.	10.000 Kg.
50	60	220	180	11	8.000 Kg.	16.000 Kg.
60	70	246	205	11	12.500 Kg.	25.000 Kg.
80	90	305	255	12	18.000 Kg.	36.000 Kg.

Order: **G173.** d

Material: CK45

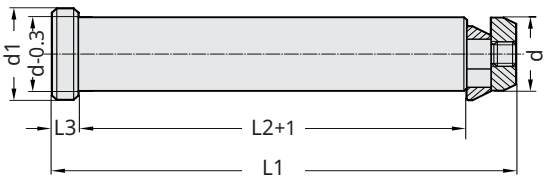
Die Lifting Pin / WDX 22 - 80

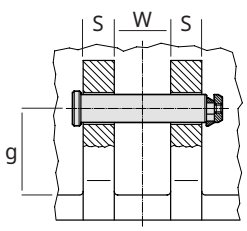
Code: **G51**

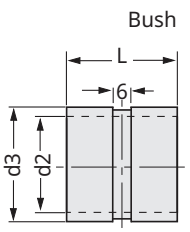
FORD Norm WDX 22 - 80

Bush for Lifting Pin

Code: **G51 - 1**







G51								G51.1		
d	d1	L1	L2	L3	S	W	g	d2	d3	L
35	45	165	124	10	30	50	60	37	45	30
50	63	230	189	10	50	70	65	52	60	50
63	76	320	279	10	80	100	70	65	75	80
80	89	370	319	15	100	100	80	82	90	100

Lifting Pin Capacity

d	Max. Load	Max. Capacity
35	1.500 kg.	300 Kg.
50	5.000 kg.	10.000 Kg.
63	20.000 kg.	40.000 Kg.
80	30.000 kg.	60.000 Kg.

* Due to safety reasons, die weight should not exceed maximum load that 2 lifting pins can bear (max. capacity). Max. load should be considered.
* Lifting equipment should be correctly mounted on workpieces on which they are used.
* Damaged - broken parts should not be used.

Order

G51. d - (Pin)
G51-1. d2 - (Bush)

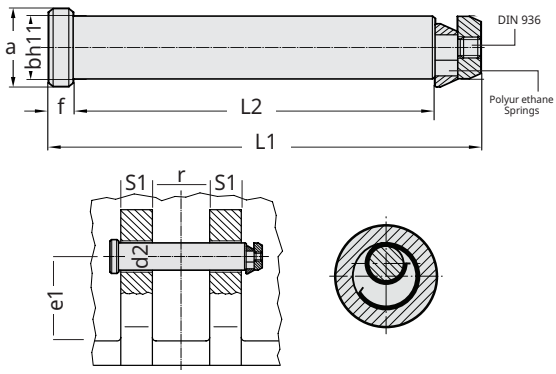
Material: CK45

Die Lifting Pin - FCA

Code: **G55**

1- Reference: FCA Norm STQ4002 04 / 12 / 2014

2- Reference: FCA Norm STQ4001 04 / 12 / 2014



2- Reference: FCA Norm **STQ4001** 04 / 12 / 2014

a	b	d2	e1	f	L1	L2	R	S1	Max. Load kg.	Max. Capacity kg.
25	15.6	16	28	6	102.5	77	11	29.5	600	1.200
30	20.6	21	29	6	113.5	86	13	33	1.000	2.000
35	25.6	26	40	6	128.5	100	20	35	2.000	4.000
43	33	34	55	6	166.5	135	55	35	4.000	8.000
53	43	44	60	8	210.5	175	60	50	7.000	14.000

1- Reference: FCA Norm **STQ4002** 04 / 12 / 2014

a	b	d2	e1	f	L1	L2	R	S1	Max. Load kg.	Max. Capacity kg.
38	29	30	60	6	178.5	150	60	40	2.000	4.000
43	33	35	65	6	200.5	170	60	50	3.200	6.400
53	43	45	85	8	233	195	80	50	5.000	10.000
65	53	55	105	10	282	235	100	60	8.000	16.000
65	53	55	75	10	227	180	65	50	8.000	16.000
78	63	65	130	12	352.5	295	120	80	12.000	24.000
78	63	65	100	12	272.5	215	80	60	13.000	26.000
95	78	81	150	14	421.5	355	140	100	30.000	60.000

Order: **STQ1 G55.** a x L2

Order: **STQ2 G55.** a x L2

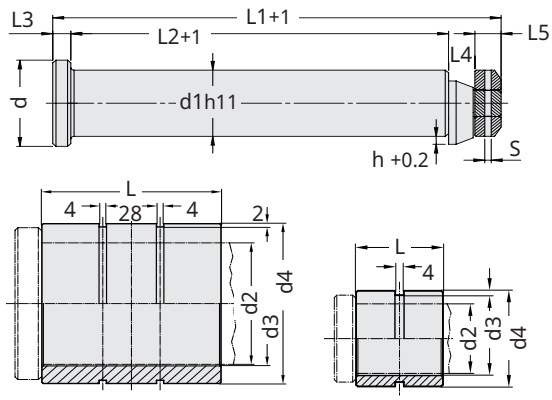
Reference: VDI 3366 Standard 03 / 1997

Die Lifting Pin - VDI 3366

Code: **G52**

Bush for Lifting Pin

Code: **G52 - 1**



d1	d	L1	L2	L3	L4	L5	h	S Safety Pin
32	40	175	145	10	10	10	4	3x30
40	50	225	188	10	14	13	6	4x35
50	65	273	230	11	16	16	6	4x35
63	75	347	295	14	18	20	7.5	5x60
76	95	422	360	15	20	27	8	5x70

Bush for Lifting Pin

Code: **G52 - 1**

d1	Max. Load kg.	Max. Capacity kg.	d2	d3	d4	L	Form
32	3.200	6.400	32	34	44	40	A
40	5.000	10.000	40	42	52	50	
50	8.000	16.000	50	52	62	60	
63	12.500	25.000	63	65	75	80	
76	31.500	63.000	76	78	100	100	B
-	-	-	76	78	105	100	

Order

G52. d1 - Pin
G52 - 1. d2 - Bush

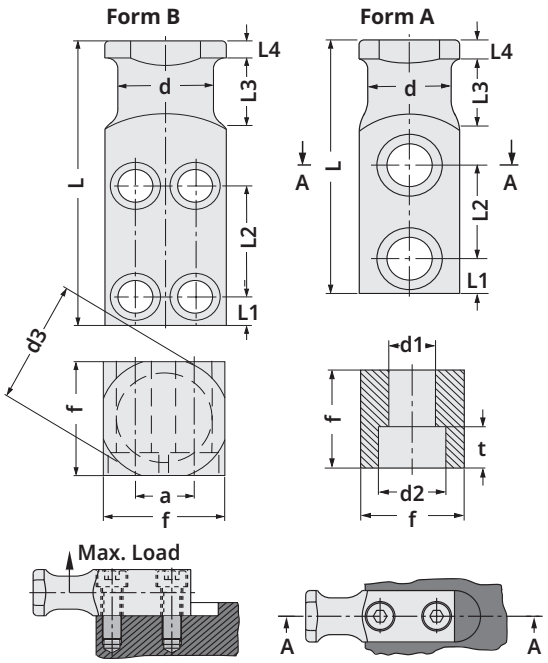
Material: CK45

* Lifting equipment should be correctly mounted on workpieces on which they are used.
* Damaged - broken parts should not be used.

Due to safety reasons, die weight should not exceed maximum load that 2 lifting pins can bear.

Die Lifting Lug - VDI 3366

Code: **G134**



f	L	L1	L2	L3	L4	Screw	a	Form
20	80	10	34	20	6	M8 x 25	-	A
25	90	10	37	25	8	M10 x 30	-	
35	100	12	38	30	8	M12 x 40	-	
40	120	16	46	32	10	M16 x 45	-	
50	140	18	54	40	10	M20 x 60	-	
60	160	22	59	45	12	M24 x 70	-	
80	200	20	78	50	12	M20 x 90	40	B
100	250	25	100	65	15	M24 x 110	50	
120	300	30	125	80	15	M30 x 130	60	

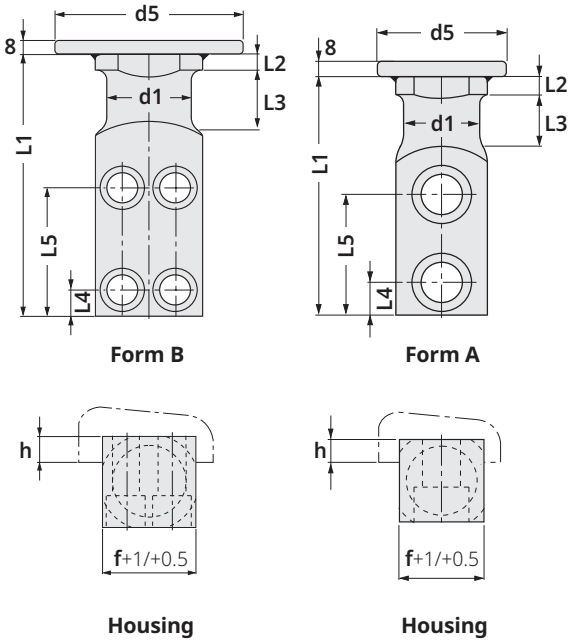
f	d	d1	d2	d3	t	Max. Load	Max. Capacity
20	16	9.5	14.5	24	9	320 kg.	640 kg.
25	20	11.5	17.5	30	11	630 kg.	1.260 kg.
35	25	14	20	40	13	1.250 kg.	2.500 kg.
40	32	18	26	50	17.5	2.000 kg.	4.000 kg.
50	40	23	33	60	21.5	3.200 kg.	6.400 kg.
60	50	27	39	70	25.5	5.000 kg.	10.000 kg.
80	63	23	33	90	21.5	8.000 kg.	16.000 kg.
100	80	27	39	110	25.5	12.500 kg.	25.000 kg.
120	100	23	48	130	32	20.000 kg.	40.000 kg.

Order: **G134.** f

Material: CK45 700 - 800N mm²

Code: **G58**

Die Lifting Lug with Rope Stop Safety



f	h	L1	L2	L3	L4	L5	Screw	Form
20	6	80	6	20	10	44	M8 x 25	A
25	8	90	8	25	10	47	M10 x 30	
35	10	100	8	30	12	50	M12 x 40	
40	10	120	10	32	16	62	M16 x 45	
50	12	140	10	40	18	72	M20 x 60	
60	14	160	12	45	22	81	M24 x 70	
80	16	200	12	50	20	98	M20 x 90	B
100	18	250	15	65	25	125	M24 x 110	
120	20	300	15	80	30	155	M30 x 130	

f	d1	d5	Max. Load	Max. Capacity	Form
20	16	60	320 kg.	640 kg.	A
25	20	70	630 kg.	1260 kg.	
35	25	70	1250 kg.	2500 kg.	
40	32	110	2000 kg.	4000 kg.	
50	40	110	3200 kg.	6400 kg.	
60	50	150	5000 kg.	10000 kg.	
80	63	150	8000 kg.	16000 kg.	B
100	80	150	12500 kg.	25000 kg.	
120	100	150	20000 kg.	40000 kg.	

Order: **G58.** f

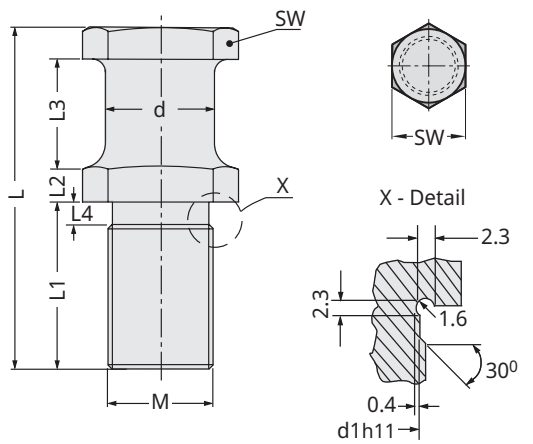
Material: CK45 700 - 800N mm²

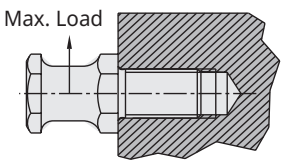
Due to safety reasons, die weight should not exceed maximum load that 2 lifting pins can bear.

Die Lifting Bolt - Heavy Duty

Code: **G47**

VDI 3366





It can be mounted on lateral surface of die plate.

Reference: VDI 3366

Thread M	Max. Load kg. 1 Bolt	d	d1	L	L1	L2	L3	L4	Head SW
M16	250	16	12	58	28	5	20	3	24
M20	500	20	16	68	34	6	22	3	30
M24	1000	25	19	78	38	8	25	4	36
M30	1500	32	24	95	45	10	32	5	41
M36	2500	40	30	118	56	12	40	5	50

Order: **G47** x M

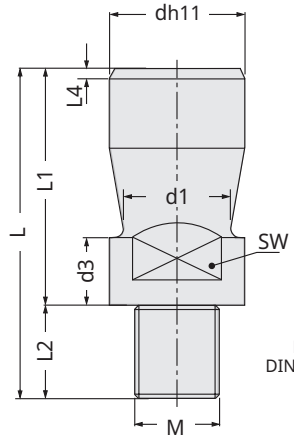
Material: CK45 700 - 800N mm²

When used for transport purpose 4 pcs.
When used for die turning 2 pcs. of bolts are used.
Max. load should not be exceeded during operation.

Die Lifting Bolt

Code: **G54**

DIN ISO 10242-1



Reference: DIN ISO 10242 - 1

Thread M	d	d1	L	L1	L2	L3	L4	Head SW
M16 x 1.5	20	15	58	40	18	12	2	17
	25	20	68	45	23	16	2.5	21
M20 x 1.5	25	20	68	45	23	16	2.5	21
	32	25	79	56	23	16	3	27
M24 x 1.5	32	25	79	56	23	16	3	27
	40	32	93	70	23	26	4	36
M27 x 2	40	32	93	70	23	26	4	36
M30 x 2	40	32	93	70	23	26	4	36
	50	42	108	80	28	26	5	41
M42 x 3	65	53	128	100	28	26	8	55

Order: **G54.** M x d

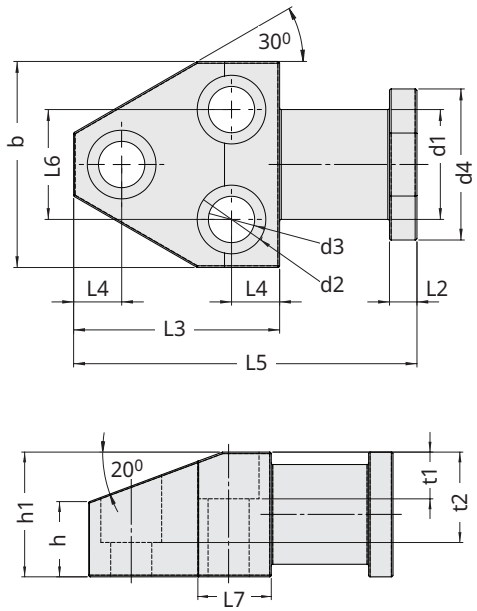
Material: CK45 700 - 800N mm²

Clamping bolts are components providing connection of upper group of die to the ram group of press. Clamping bolt is mounted to the die by the help of threaded, due to exposed forces such as press counting force etc. it should be mounted to the upper plate very well.

CE

Die Lifting Lug

Code: **G160**



d1	b	d2	d3	d4	h	h1	L2	L3
32	60	13.5	20	44	24	40	8	60
40	80	17.5	26	60	32	50	10	70
50	100	22	33	70	40	65	12	88

d1	L4	L5	L6	L7	t1	t2	Max. Load
32	14	100	32	24	15	29	2.000 kg.
40	16	120	44	26	20	35.5	3.500 kg.
50	20	145	56	30	25	46.5	6.000 kg.

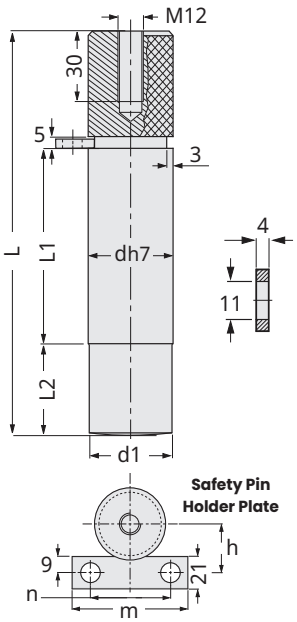
Order: **G160.** d1

Material:
CK45 700 - 800N mm²

Code: **G56**

Safety Pin - FCA

Reference: FCA 230.GSG.16



d	d1	h	m
30	29	4	4
40	29	4	4
50	37	5	5

d	n	L	L1	L2
30	35	155	87	33
40	45	193	109	39
50	50	229	131	43

Order:
G56. d

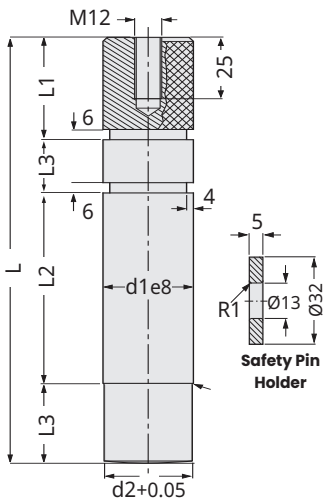
G56 — G57

Material: 1.7131

Code: **G57**

Safety Pin - VDI

Reference: VDI 3365

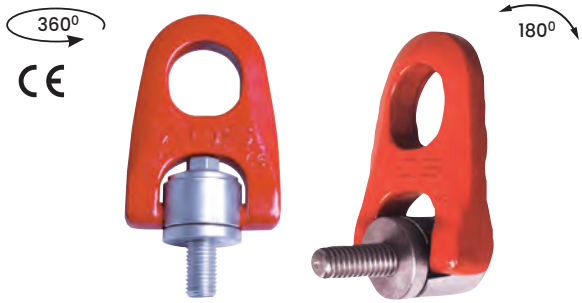


d1	d2	R	Load Capacity
32	29	4	500 Kg.
32	29	4	500 Kg.
40	37	5	750 Kg.
40	37	5	750 Kg.
50	47	6	1.250 Kg.
50	47	6	1.250 Kg.
63	60	6	2.500 Kg.
63	60	6	2.500 Kg.

d1	L	L1	L2	L3
32	130	22	58	25
32	147	22	75	25
40	171	32	75	32
40	191	32	95	32
50	207	32	95	40
50	232	32	120	40
63	252	32	120	50
63	287	32	155	50

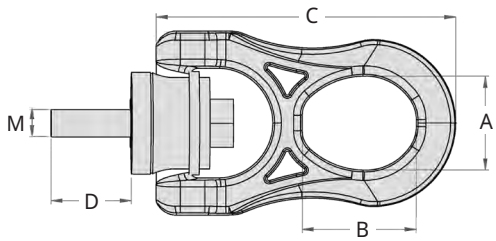
Order:
G57. d1 x L

Note: There is 1 pcs. of holder for each safety pin.



Code: **AK400**

Double Swivel Ring - Eyebolt



Order Code	M	A	B	C	D
AK400 M8	M8	27.5	33.5	88.5	15
AK400 M10	M10	27.5	33.5	88.5	20
AK400 M12	M12	27.5	33.5	88.5	20
AK400 M14	M14	37.5	49	123.5	38
AK400 M16	M16	37.5	49	123.5	38
AK400 M18	M18	37.5	49	123.5	38
AK400 M20	M20	37.5	49	123.5	38
AK400 M24	M24	55.5	73	176.5	50
AK400 M30	M30	55.5	73	176.5	50

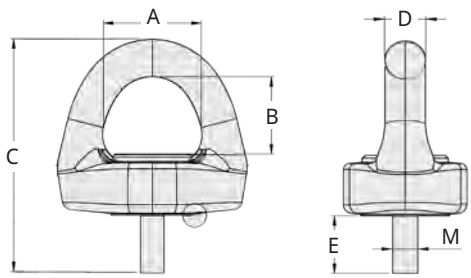
Eyebolt p : Load Capacity - T on

M	p	p	p	p	45° p	60° p	45° p	60° p
M8	0.3	0.6	0.3	0.6	0.4	0.3	0.6	0.3
M10	0.6	1.2	0.6	1.2	0.8	0.6	1.3	0.6
M12	1	2	1	2	1.4	1	2.1	1
M14	1.3	2.6	1.3	2.6	1.8	1.3	2.7	1.3
M16	1.6	3.2	1.6	3.2	2.2	1.6	3.4	1.6
M18	2	4	2	4	2.8	2	4.2	2
M20	2.5	5	2.5	5	3.5	2.5	5.3	2.5
M24	4	8	4	8	5.6	4	8.4	4
M30	6.3	12.6	6.3	12.6	8.8	6.3	13.2	6.3

Material: Class > 8CE Safety Certificated

Code: **AK450**

Heavy Tonnage Swivel Ring - Eyebolt



Order Code	M	A	B	C	D	E
AK450 M8	M8	33	27	73	13	20
AK450 M10	M10	33	27	73	13	20
AK450 M12	M12	48	40	105	20	27
AK450 M16	M16	48	40	105	20	27
AK450 M20	M20	48	40	105	20	27
AK450 M24	M24	72	60	145	30	31
AK450 M30	M30	72	60	155	30	39
AK450 M36	M36	103	86	215	44	45
AK450 M42	M42	103	86	225	44	55
AK450 M48	M48	103	86	235	44	65

Eyebolt p : Load Capacity - T on

M	p	p	p	p	45° p	60° p	45° p	60° p
M8	0.3	0.6	0.3	0.6	0.4	0.3	0.6	0.3
M10	0.6	1.2	0.6	1.2	0.8	0.6	1.3	0.6
M12	1	2	1	2	1.4	1	2.1	1
M16	1.6	3.2	1.6	3.2	2.2	1.6	3.4	1.6
M20	2.5	5	2.5	5	3.5	2.5	5.3	2.5
M24	4	8	4	8	5.6	4	8.4	4
M30	6.3	12.6	6.3	12.6	8.8	6.3	13.2	6.3
M36	10	20	10	20	14	10	21	10
M42	12.5	25	12.5	25	17.5	12.5	26.3	12.5
M48	15	30	15	30	21	15	31.5	15

Material: Class > 8CE Safety Certificated

Lifting equipment manufactured as forging in Türkiye, has been registered that its production quality is in European standards with "Approval of Material Manufacturer" certificate given by Germanischer Lloyd.

Class > 8CE Safety Factor 5 : 1

Maximum Lifting Load (Safety Factor ≥ 5:1)

Germanischer Lloyd

CE

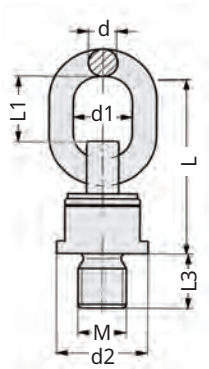
Rotary Safety Eyebolt

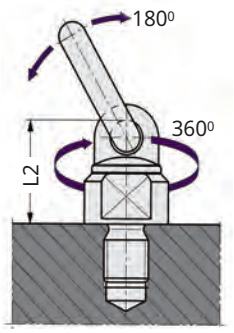
Code: **G140**

* Pivot angle **180⁰** degree and **360⁰** degree of rotation

* **45⁰** angle mark works as an angle indicator
* Body engraved with WLL and thread size

* Ball bearing inserted ensures smooth rotation





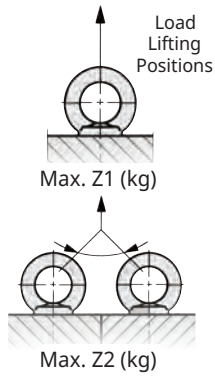
Mounting Example

Maximum Lifting Load
(Safety Factor ≥ 5:1)

p : Ton

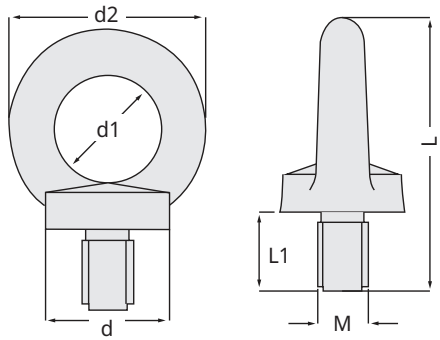
Order Code	M x Thread	d	d1	d2	L	L1	L2	L3	p 0°	p 90°	p 0 - 45°	p 45 - 60°	p 0 - 45°	p 45 - 60°	Weight
G140M8	M8 x 1.25	12	30	40	98	44	46	12	0.6	0.4	0.4	0.4	0.84	0.6	0.44 kg.
G140M10	M10 x 1.50	12	30	40	98	44	46	19	0.9	0.6	0.6	0.6	1.26	0.9	0.45 kg.
G140M12	M12 x 1.75	12	30	40	98	44	46	19	1.2	0.7	0.8	0.7	1.58	1.12	0.45 kg.
G140M14	M14 x 2.0	12	30	40	98	44	46	31.8	2	1.25	1.25	1.25	2.62	1.87	0.44 kg.
G140M16	M16 x 2.0	12	30	40	98	44	46	31.8	2.6	1.5	1.4	1.3	3.15	2.25	0.48 kg.
G140M20	M20 x 2.5	20	40	70	160	67	76	38.1	4	2.5	2.8	2.5	5.25	3.75	2.3 kg.
G140M24	M24 x 3.0	20	40	70	160	67	76	38.1	7	4	4.9	4	8.4	6	2.35 kg.
G140M30	M30 x 3.5	22	51	79	206	95	91	50	10	6	7	6	12.6	9	3.75 kg.
G140M36	M36 x 4.0	22	51	79	206	95	91	54	15	10	14	10	21	15	3.9 kg.
G140M42	M42 x 4.5	26	65	93	230.5	108	100.5	63	17	13	18.2	13	27.3	19.5	5.9 kg.
G140M48	M48 x 5.0	26	65	93	230.5	108	100.5	68	18	14	19.6	14	29.4	21	6.15 kg.
G140M56	M56 x 5.5	32	70	105	278	120	132	84	28	20	28	20	42	30	10 kg.
G140M64	M64 x 6.0	32	70	105	278	120	132	95	28	20	28	20	42	30	10.7 kg.

Rotary Safety Eyebolt: By absorbing sudden and rigid motion during lifting - bending and breaking of sling / rope / chain that can be occurred due to swinging of load, it will amortise costs above possible damages with safety lifting and carrying. Special forged steel (class 8) product, 4 times safety against fracture in rotation direction of full load, hinged rotary design that can be taken correct position and be turned axially by aligning movable ring 180⁰ in loaded position.
* 42CrMo High Quality Alloy Steel * High precision ISO metric thread tolerances provides a good surface contact



Lifting Eyebolt / DIN 580

Code: **G141**



M x Thread	d	d2	d1	L	L1	Weight	Z1 Ton	Z2 Ton
M8 x 1.25	20	36	20	49	13	70 gr.	0.15	0.09
M10 x 1.50	25	45	25	63	17	100 gr.	0.23	0.15
M12 x 1.75	30	54	30	73.5	20.5	180 gr.	0.34	0.20
M14 x 2.0	30	54	30	73.5	20.5	200 gr.	0.46	0.30
M16 x 2.0	35	63	35	89	27	280 gr.	0.70	0.50
M18 x 2.5	35	63	35	89	27	330 gr.	0.90	0.60
M20 x 2.5	40	72	40	101	30	420 gr.	1.20	0.80
M24 x 3.0	50	90	50	126	36	830 gr.	1.80	1.25
M30 x 3.5	65	108	60	154	45	1.66 kg.	3.60	2.50
M36 x 4.0	75	126	70	182	54	2.65 kg.	5.10	3.60
M42 x 4.5	85	144	80	210	63	4.03 kg.	7.00	4.90
M48 x 5.0	100	166	90	236	68	8.80 kg.	8.60	5.90

Order: **G141.** M

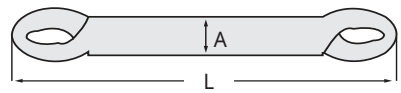
Material: C15E Forged

Lifting Eyebolt: It is loaded only with forces making maximum 45° angle with vertical or circular plane, not allowed to other loadings however such liftings are oftenly unavoidable. Please plan selection of eyebolt suitable to safety bearing in advance (its safety is provided).

Lifting Sling

Code: **GPS**

(Double-layer, polyester)



Load Capacity	A (mm)	L - Sling Length (meter)							
		1	2	3	4	5	6	8	10
Purple - 1 TON	25	■	■	■	■	■	■		
Green - 2 TON	50	■	■	■	■	■	■	■	
Yellow - 3 TON	75		■	■	■	■	■	■	■
Gray - 4 TON	100		■	■	■	■	■	■	■
Red - 5 TON	125			■	■	■	■	■	■
Brown - 6 TON	150			■	■	■	■	■	■
Blue - 8 TON	200			■	■	■	■	■	■
Orange - 10 TON	250			■	■	■	■	■	■

Sling Clour Load	%100	%80	%200	%140 0 - 45°	%100 45 - 60°
	1 Ton	0.8 Ton	2 Ton	1.4 Ton	1 Ton
	2 Ton	1.6 Ton	4 Ton	2.8 Ton	2 Ton
	3 Ton	2.4 Ton	6 Ton	4.2 Ton	3 Ton
	4 Ton	3.2 Ton	8 Ton	5.6 Ton	4 Ton
	5 Ton	4 Ton	10 Ton	7 Ton	5 Ton
	6 Ton	4.8 Ton	12 Ton	8.4 Ton	6 Ton
	8 Ton	6.4 Ton	16 Ton	11.2 Ton	8 Ton
	10 Ton	8 Ton	20 Ton	14 Ton	10 Ton

Order: **GPS.** Load x Length

Safety coefficient of polyester sling in accordance with EN1492 -1 is 6 times of each type of slings. It is produced from 100% double layer polyester webbing. Reinforcement lifting eye - colour / load coded low coefficient of elongation EN1492-1 : 2000.