

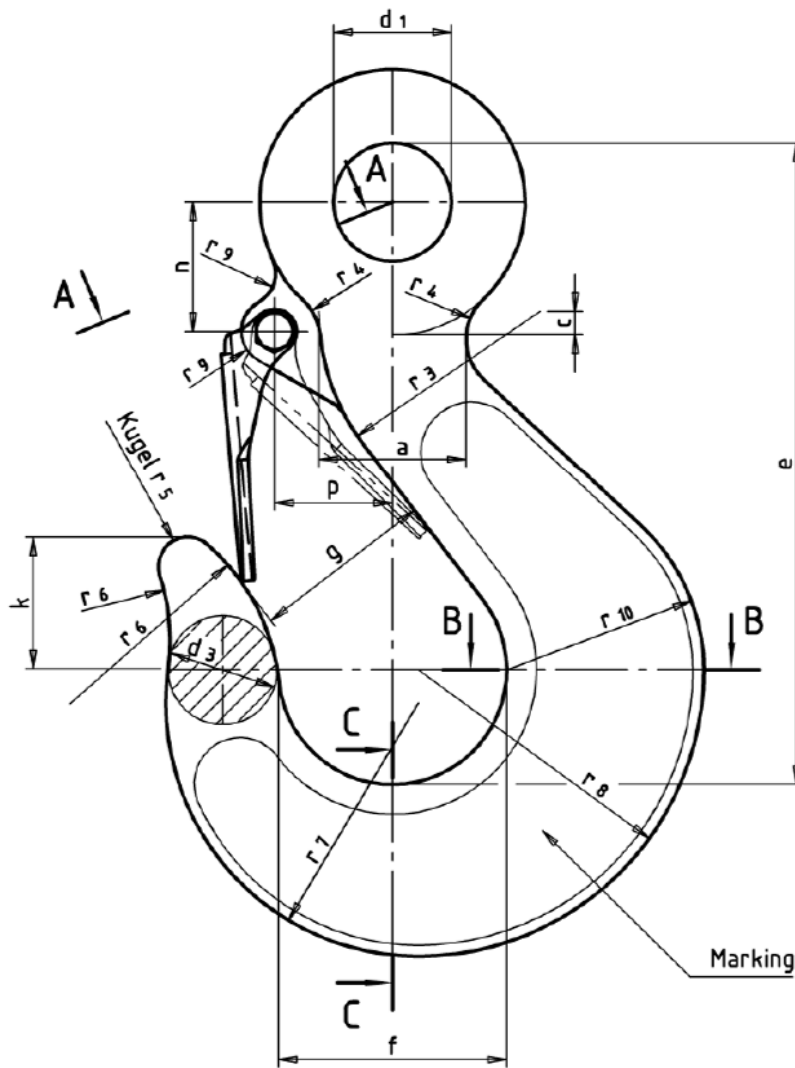
# Eye hook

according to DIN 7540

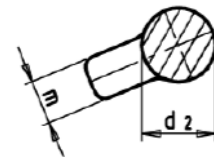
WN  
21 005

Changes that contribute to technical improvement are subject to alternations

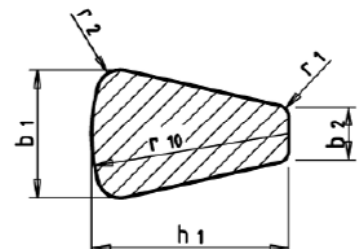
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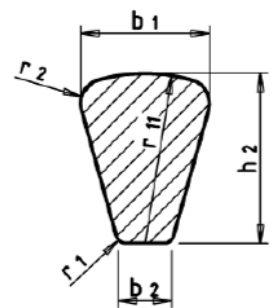
Section A - A



Section B - B



Section C - C



hook No.	Load capacity [kg]	dimensions (mm)																			unit weight kg		
		a	b <sub>1</sub>	b <sub>2</sub>	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	e	f	g	$\frac{h_1}{r_{10}}$	$\frac{h_2}{r_{11}}$	k	m	n	p	r <sub>3</sub>	r <sub>5</sub>	r <sub>7</sub>	r <sub>8</sub>		r <sub>9</sub>	
25	3200				26	16		138	50	39													1,4
27	8000				32	20		174	62	49													2,6
28	10000				35	22,5		190	70	54													3,9
29	12500				40	25		219	79	62													5,7
30	16000				46	28		246	88	69													8
31	20000				52	31,5		277	99	78													11,5
32	28000				60	35,5		313	112	88													16
33	32000				66	40		349	125	98													22
34	40000				72	44,5		388	140	109													31,5
35	50000				84	50,5		442	158	124													46
36	63000				90	56		494	176	138													63
37	80000				102	63		610	198	155													80
38	100000				116	74		650	225	175													125
39	150000				130	86		765	250	200													250
40	200000				150	102		850	275	225													365
41	250000				170	120		928	310	255													515
42	300000				190	140		1052	350	290													730
43	400000				210	170		1195	400	320													1055

Material: Hook No. 19 - 25 21 MnSi 5 according to DIN 7540, Hook No. 27 - 43 34 CrNiMo 6 V according to DIN 7540

All dimensions which are not in table according to DIN 7540.

Load capacity at hook temperature -40 - 200°C = 100%, 200 - 300°C = 75%, 300 - 400°C = 50%.

Eye hooks according to WN 21 005 must not be used at temperatures below -40°C and over +400°C.

Eye hooks reach after forging by quenching and tempering following mechanical properties: tensile strength min. 1000 N/mm<sup>2</sup>, notch toughness min. 48 Joule.

Forging tolerances according to DIN EN 10243-1 - F.

Technical delivery conditions according to DIN EN 10254.

issue: March 2007, supersedes May 1993 edition

Mit freundlicher Empfehlung / With compliments:

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