

Drive Group Table



The table below specifies the drive group as a function of hook strength class, and the lifting capacity as a function of hook number. It does not make specifications for hooks whose lifting capacity is under 100 kg or over 500,000 kg. Where such hooks are to be used in exceptional cases, the lifting capacity shall be selected in accordance with the R10 series of preferred numbers specified in DIN 323 Part 1.

STRENGTH CLASS	DRIVE GROUP 1)										STRENGTH CLASS
M	-	-	-	-	1B _m / M3	1A _m / M4	2 _m / M5	3 _m / M6	4 _m / M7	5 _m / M8	M
P	-	-	-	1B _m / M3	1A _m / M4	2 _m / M5	3 _m / M6	4 _m / M7	5 _m / M8	-	P
S	-	-	1B _m / M3	1A _m / M4	2 _m / M5	3 _m / M6	4 _m / M7	-	-	-	S
T	-	1B _m / M3	1A _m / M4	2 _m / M5	3 _m / M6	4 _m / M7	-	-	-	-	T
V	1B _m / M3	1A _m / M4	2 _m / M5	3 _m / M6	4 _m / M7	-	-	-	-	-	V
HOOK NUMBER	LIFTING CAPACITY (kg)										HOOK NUMBER
006	320	250	200	160	125	100	-	-	-	-	006
010	500	400	320	250	200	160	125	100	-	-	010
012	630	500	400	320	250	200	160	125	100	-	012
020	1000	800	630	500	400	320	250	200	160	125	020
025	1250	1000	800	630	500	400	320	250	200	160	025
04	2000	1600	1250	1000	800	630	500	400	320	250	04
05	2500	2000	1600	1250	1000	800	630	500	400	320	05
08	4000	3200	2500	2000	1600	1250	1000	800	630	500	08
1	5000	4000	3200	2500	2000	1600	1250	1000	800	630	1
1.6	8000	6300	5000	4000	3200	2500	2000	1600	1250	1000	1.6
2.5	12500	10000	8000	6300	5000	4000	3200	2500	2000	1600	2.5
4	20000	16000	12500	10000	8000	6300	5000	4000	3200	2500	4
5	25000	20000	16000	12500	10000	8000	6300	5000	4000	3200	5
6*	32000	25000	20000	16000	12500	10000	8000	6300	5000*	4000	6
8	40000	32000	25000	20000	16000	12500	10000	8000	6300	5000	8
10*	50000	40000	32000	25000	20000	16000	12500	10000	8000*	6300	10
12*	63000	50000	40000	32000	25000	20000	16000	12500*	10000*	8000	12
16*	80000	63000	50000	40000	32000	25000	20000	16000*	12500	10000	16
20*	100000	80000	63000	50000	40000	32000	25000	20000*	16000	12500	20
25	125000	100000	80000	63000	50000	40000	32000	25000	20000	16000	25
32*	160000	125000	100000	80000	63000	50000	40000*	32000*	25000	20000	32
40*	200000	160000	125000	100000	80000	63000	50000*	40000	32000	25000	40
50	250000	200000	160000	125000	100000	80000	63000	50000	40000	32000	50
63*	320000	250000	200000	160000	125000	100000	80000*	63000	50000	40000	63
80*	400000	320000	250000	200000	160000	125000	100000*	80000	63000	50000	80
100*	500000	400000	320000	250000	200000	160000	125000*	100000	80000	63000	100
125*	-	500000	400000	320000	250000	200000	160000*	125000	100000	80000	125
160*	-	-	500000	400000	320000	250000	200000*	160000	125000	100000	160
200*	-	-	-	500000	400000	320000	250000*	200000	160000	125000	200
250	-	-	-	-	500000	400000	320000	250000	200000	160000	250

NOTE: Hooks used in a drive group lower than 1B_m / M3 are not included here.

* Hooks to be used on cranes such as, are used in steel works and rolling mills.

1) In accordance with subclause 4.1 of the February 1974 edition of DIN 15 020 Part 1 and AS1418.1 - 2002.