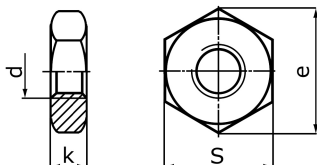


**Nakrętki sześciokątne niskie**  
**Hexagon thin nuts**



**PN-EN ISO 4035**  
**DIN 439**                      **PN-M 82153**

**Wymiary wg PN-EN ISO 4035 / DIN 439 / PN-M 82153**  
**Dimensions according to PN-EN ISO 4035 / DIN 439 / PN-M 82153**

d	M3	M4	M5	M6	M8	M10	M12
e min.	6,01	7,66	8,79	11,05	14,38	17,77/18,9 <sup>d</sup>	20,03/21,1 <sup>d</sup>
k max	1,8	2,2	2,7	3,2	4,0	5,0	6,0
S	5,5	7	8	10	13	16/17 <sup>d</sup>	18/19 <sup>d</sup>

d	M14	M16	M18	M20	M22	M24	M27
e min.	23,36/24,49 <sup>d</sup>	26,75	29,56	32,95	37,29/35,03 <sup>d</sup>	39,55	45,20
k max	7,0	8,0	9,0	10,0	11,0	12,0	13,5
S	21/22 <sup>d</sup>	24	27	30	34/32 <sup>d</sup>	36	41

d	M30	M33	M36	M39	M42	M45	M48
e min.	50,85	55,37	60,79	66,44	71,30	76,95	82,6
k max	15,0	16,5	18	19,5	21,0	22,5	24
S	46	50	55	60	65	70	75

<sup>d</sup> – wg DIN, according to DIN

**Orientacyjna masa 1000 sztuk nakrętek według PN-EN ISO 4035 w kg \***  
**Average weight 1000 pieces nuts according to PN-EN ISO 4035 in kg \***

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18
masa / weight	0,270	0,524	0,783	1,51	3,12	5,86	8,37	13,2	19,6	28,2

d	M20	M22	M24	M27	M30	M33	M36	M39	M42	M45
masa / weight	38,4	54,9	65,7	96,4	138	175	234	302	386	480

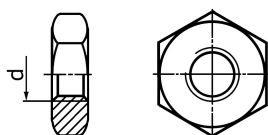
Ze względu na wykonanie nakrętek w różnych tolerancjach masa nakrętek podana w tabeli może się wahać w granicach ± 5%.

Due to the different tolerances, the weight of nuts presented in the table may vary by ± 5%.

\* - dla nakrętek ze stali węglowej - **niedotyczy nakrętek ze stali nierdzewnej, kwasoodpornej i mosiądzu**

\* - carbon steel nuts – **does not concern inox steel and brass nuts**

**Nakrętki sześciokątne niskie**  
**Hexagon thin nuts**



**PN-EN ISO 4035**  
**DIN 439**                      **PN-M 82153**

Klasa wł. mech.: **04, 05**  
 Property class: **04, 05**

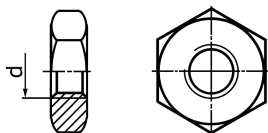
- - czarne / black
- - cynkowane / electrolytic zinc

**Oferta**  
**Offer**

Klasa/ Property class	M3	M4	M5	M6	M8	M10	M12	M14	M16
04	■ □	■ □	■ □	■ □	■ □	■ □	■ □	■ □	■ □
05						■ □	■ □	■ □	

Klasa/ Property class	M18	M20	M22	M24	M27	M30	M33	M36	M42
04	■	■ □	■	■ □	■	■ □	■	■ □	■ □
05			■ □						

**Nakrętki sześciokątne niskie**  
**Hexagon thin nuts**



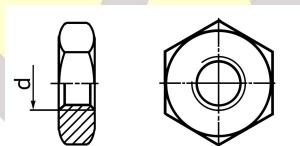
**PN-EN ISO 4035**  
**DIN 439**                      **PN-M 82153**  
 Stal nierdzewna i kwasoodporna: **A2 i A4**  
 Stainless steel: **A2, A4**

- ◇ - nierdzewne A2 / Stainless steel A2
- ◆ - kwasodporne A4 / Stainless steel A4

**Oferta**  
**Offer**

M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30
◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆	◇ ◆

**Nakrętki sześciokątne niskie**  
**Hexagon thin nuts**



**PN-EN ISO 4035**  
**DIN 439**                      **PN-M 82153**  
 Mosiądz  
 Brass

- - mosiądz / brass

**Oferta**  
**Offer**

M4	M5	M6	M8	M10	M12	M16	M20
○	○	○	○	○	○	○	○