



COMPATIBILITÉ MATIÈRE

●●● Excellent (3/3) ●● Bon (2/3) ●● Possible (1/3) ○○ Non recommandé

MATIÈRE	SPÉCIFICATION	GRP	21037D-2.5
Aciers alliés et non alliés <small>Aciers non alliés</small>	Rm < 450 N/mm ²	1a	○○
	Rm 450–700 N/mm ²	1b	○○
	Rm 700–900 N/mm ²	1c	○○
	Rm > 1200 N/mm ²	1d	○○
Aciers Inox <small>Aciers inoxydables</small>	Rm < 650 N/mm ²	2a	○○
	Rm 650–950 N/mm ²	2b	○○
	Rm > 950 N/mm ²	2c	○○
Aciers trempés <small>Aciers durcis</small>	44–56 HRC	3a	○○
	57–67 HRC	3b	○○
Matériaux exotiques <small>Alliages spéciaux</small>	< 32 HRC	4a	○○
	> 32 HRC	4b	○○
Graphite <small>Graphite industriel</small>		5	●●●
Fontes <small>Fonte grise / nodulaire</small>	< 32 HRC	6a	○○
	> 32 HRC	6b	○○
Titane <small>Alliages titane</small>	Rm < 600 N/mm ²	7a	○○
	600 < Rm N/mm ²	7b	○○
Alliages Nickel <small>Inconel, Hastelloy</small>	Rm < 1000 N/mm ²	8a	○○
	Rm > 1000 N/mm ²	8b	○○
Cuivre, laiton, bronze <small>Cuivreux</small>	Rm < 850 N/mm ²	9a	●●○
	Rm > 850 N/mm ²	9b	●●○
Aluminium <small>Alliages aluminium</small>	Si < 0.5%	10a	●●○
	0.5% < Si < 5%	10b	●●○
	Si > 5%	10c	●●●
Matières synthétiques <small>Plastiques techniques</small>	Thermoplastique	11a	○○
	Thermodurcissable	11b	○○
Matières composites <small>Composites renforcés</small>	Fibre de verre / GFK	12a	●●●
	Fibre de carbone / KFK	12b	●●●
Métaux précieux <small>Or, platine, argent</small>	Or	13a	●●○
	Platine	13b	●●●

DESSIN TECHNIQUE



DIMENSIONS

DIMENSIONS NOMINALES	
D (0 / -0.01)	2.5 mm
d (h5)	3 mm
L	38 mm
l1	5.5 mm
l3	–
d3	–
R	–
e	–
Z	3
Chanfrein K	–
w° collision	2.3°

