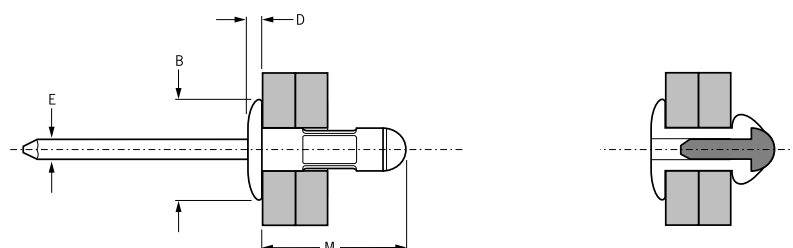




English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Body: Aluminium alloy* (2.5 % Mg) Natural	Corps: Alliage d'aluminium* (2.5% Mg) Brut	Hülse: Aluminium* (2.5 % Mg) Blank	Corpo: Lega di alluminio* (2.5% Mg) Nessuna finitura	Cuerpo: Aluminio* (2.5% Mg) Natural
Stem: Low carbon steel**	Tige: Acier bas carbone**	Dorn: Stahl**	Gambo: Acciaio a basso tenore di carbonio**	Vástago: Acero bajo en carbono**
Zinc coated	Revêtement zingué	Verzinkt	Zincato	Zincado

*: AA 5052, DIN 1725, AlMg2.5, Werkstoff 3.3523

** : BS3111 Type 0, SAE 1015/1018/1022, DIN 1654, Cq15/Cq22



ø					M	øB	D	øE			Part No/ref
nom.	min.	max.	min.	max.	max.	max.	max.	max.	kN ¹⁾	kN ¹⁾	
3.0	0.8	4.3	3.1	3.3	9.1	6.7	1.3	1.7	0.70	0.98	01661-05307
3.2 (1/8")	0.8	4.8	3.3	3.4	10.4	6.7	1.3	1.8	0.73	1.02	01661-00410
	1.2	6.3			12.0						01661-00412
	4.0	7.9			13.6						01661-00414
	5.5	9.5			16.0						01661-00416
4.0 (5/32")	0.8	4.7	4.1	4.2	10.7	8.2	1.6	2.2	1.13	1.67	01661-00510
	1.2	6.3			12.5				1.04		01661-00512
	4.0	9.5			16.2				1.04		01661-00516
	6.4	12.7			19.6				1.04		01661-00521
4.8 (3/16")	1.6	6.3	4.9	5.0	13.9	10.1	1.8	2.9	1.53	2.33	01661-00613
	4.8	11.1			18.7				1.31		01661-00619
	4.8	12.7			20.2				1.31		01661-00621
	12.7	19.8			28.2				1.42		01661-00631
6.4 (1/4")	1.5	8.3	6.6	6.9	16.8	13.5	2.7	4.0	3.10	2.50	01610-04506 ²⁾

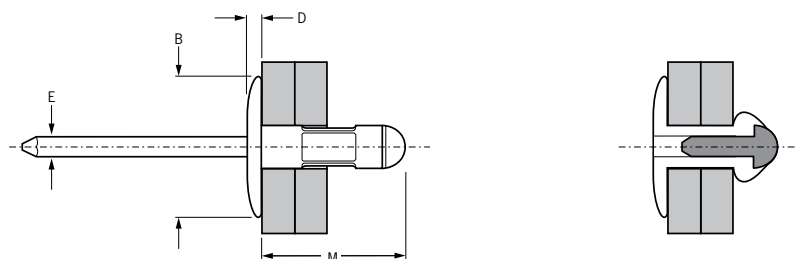
all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos

2) stem: zinc plated, clear trivalent passivated / tige: revêtement zingué, passivation claire trivalente / Dorn: verzinkt, klar chromatiert Cr6-frei / gambo: zincato, passivazione chiara trivalente / vástago: zincado, pasivado claro trivalente



English	Français	Deutsch	Italiano	Español
Large Flange	Tête large	Flachrundkopf extragroß	Testa larga	Cabeza ala ancha
Body: Aluminium alloy (2.5 % Mg) Natural	Corps: Alliage d'aluminium (2.5% Mg) Brut	Hülse: Aluminium (2.5 % Mg) Blank	Corpo: Lega di alluminio (2.5% Mg) Nessuna finitura	Cuerpo: Aluminio (2.5% Mg) Natural
Stem: Low carbon steel	Tige: Acier bas carbone	Dorn: Stahl	Gambo: Acciaio a basso tenore di carbonio	Vástago: Acero bajo en carbono
Zinc coated	Revêtement zingué	Verzinkt	Zincato	Zincado



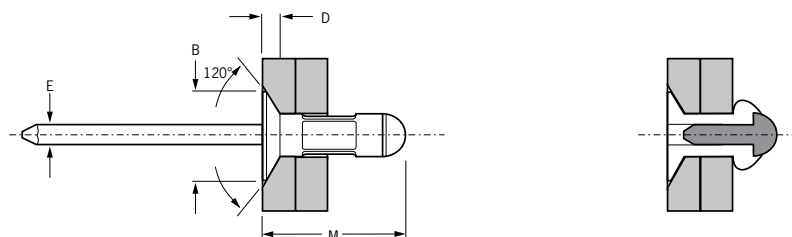
Ø					M	ØB	D	ØE			Part No/ref
nom.	min.	max.	min.	max.	max.	max.	max.	max.	kN ¹⁾	kN ¹⁾	
4.8 (3/16")	1.6	6.3	4.9	5.0	13.9	16.2	2.2	2.9	1.53	2.10	01641-00613
	3.2	9.3			17.0				1.34		01641-00617
	4.8	11.1			18.7				1.34		01641-00619
	6.4	12.7			20.2				1.31		01641-00621
	12.7	19.8			28.2				1.42		01641-00631

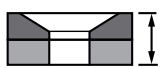
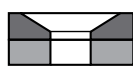
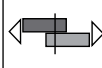
all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
120° Countersunk head	120° Tête fraisée	120° Senkkopf	120° Testa svasata	120° Cabeza avellanada
Body: Aluminium alloy* (2.5 % Mg) Natural	Corps: Alliage d'aluminium* (2.5% Mg) Brut	Hülse: Aluminium* (2.5 % Mg) Blank	Corpo: Lega di alluminio* (2.5% Mg) Nessuna finitura	Cuerpo: Aluminio* (2.5% Mg) Natural
Stem: Low carbon steel**	Tige: Acier bas carbone**	Dorn: Stahl**	Gambo: Acciaio a basso tenore di carbonio**	Vástago: Acero bajo en carbono**
Zinc coated	Revêtement zingué	Verzinkt	Zincato	Zincado
*: AA 5052, DIN 1725, AlMg2.5, Werkstoff 3.3523				
**: BS3111 Type 0, SAE 1015/1018/1022, DIN 1654, Cq15/Cq22				



ø nom.					M max.	øB max.	D max.	øE max.	 kN ¹⁾	 kN ¹⁾	Part No/ref
	min.	max.	min.	max.							
3.2 (1/8")	2.4	6.3	3.3	3.4	12.2	5.6	1.3	1.8	0.69	0.91	01604-00412
	4.0	7.9			13.4						01604-00414
	5.5	9.5			14.8						01604-00416
4.0 (5/32")	2.8	7.9	4.1	4.2	14.3	6.6	1.4	2.2	1.13	1.33	01604-00514
	3.6	8.8			15.1						01604-00515
4.8 (3/16")	3.2	7.9	4.9	5.0	15.5	9.0	1.8	2.9	1.55	2.35	01604-00615
	6.3	12.7			20.4						1.31

all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

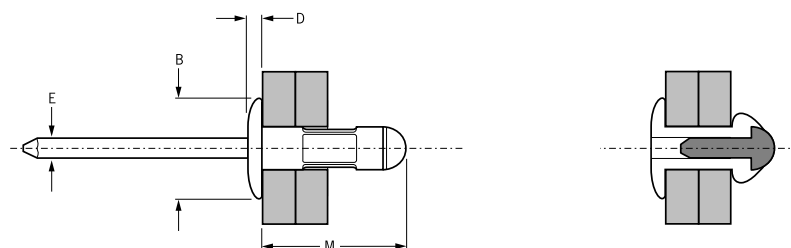
1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Body: Aluminium alloy* (2.5 % Mg) Natural	Corps: Alliage d'aluminium* (2.5% Mg) Brut	Hülse: Aluminium* (2.5 % Mg) Blank	Corpo: Lega di alluminio* (2.5% Mg) Nessuna finitura	Cuerpo: Aluminio* (2.5% Mg) Natural
Stem: Stainless steel** Natural	Tige: Inox** Brut	Dorn: Edelstahl** Blank	Gambo: Acciaio inox** Nessuna finitura	Vástago: Acero inoxidable** Natural

*: AA 5052, DIN 1725, AlMg2.5, Werkstoff 3.3523

** : ø 3.0 - 4.0: X5CrNi 18-10, Werkstoff 1.4301; ø 4.8: X3CrNiCu 18-9-4, Werkstoff 1.4567



ø					M	øB	D	øE			Part No/ref
nom.	min.	max.	min.	max.	max.	max.	max.	max.	kN ¹⁾	kN ¹⁾	
3.0	0.8	4.3	3.1	3.3	9.1	6.7	1.3	1.7	0.70	0.98	01663-05307
3.2 (1/8")	0.8	4.8	3.3	3.4	10.4	6.7	1.3	1.8	0.73	1.02	01663-00410
	1.2	6.3			12.0						01663-00412
	4.0	7.9			13.6						01663-00414
	5.5	9.5			16.0						01663-00416
4.0 (5/32")	0.8	4.7	4.1	4.2	10.7	8.2	1.6	2.2	1.13	1.67	01663-00510
	1.2	6.3			12.5				1.04		01663-00512
	4.0	9.5			16.2				1.04		01663-00516
	6.4	12.7			19.6				1.04		01663-00521
4.8 (3/16")	1.6	6.3	4.9	5.0	13.9	10.1	1.8	2.9	1.53	2.33	01663-00613
	4.8	11.1			18.7				1.31		01663-00619
	4.8	12.7			20.2				1.31		01663-00621
	12.7	19.8			28.2				1.42		01663-00631

all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

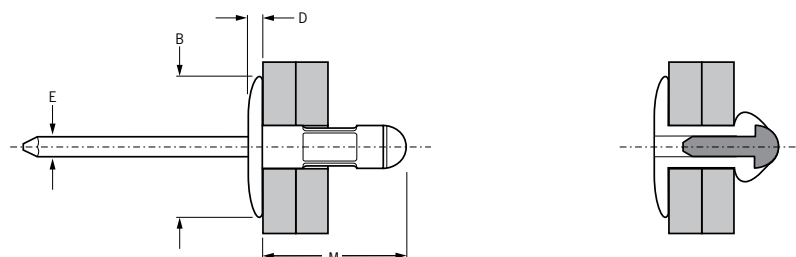
1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
Large Flange	Tête large	Flachrundkopf extragroß	Testa larga	Cabeza ala ancha
Body: Aluminium alloy* (2.5 % Mg) Natural	Corps: Alliage d'aluminium* (2.5% Mg) Brut	Hülse: Aluminium* (2.5 % Mg) Blank	Corpo: Lega di alluminio* (2.5% Mg) Nessuna finitura	Cuerpo: Aluminio* (2.5% Mg) Natural
Stem: Stainless steel** Natural	Tige: Inox** Brut	Dorn: Edelstahl** Blank	Gambo: Acciaio inox** Nessuna finitura	Vástago: Acero inoxidable** Natural

*: AA 5052, DIN 1725, AlMg2.5, Werkstoff 3.3523

** : BS3111, 321S31, AISI 321, Werkstoff 1.4541



ø					M	øB	D	øE			Part No/ref
nom.	min.	max.	min.	max.	max.	max.	max.	max.	kN ¹⁾	kN ¹⁾	
4.8 (3/16")	1.6	6.3	4.9	5.0	13.6	16.2	2.2	2.9	1.40	2.00	01643-00613
	6.4	12.7			19.7				1.20		01643-00621
	12.7	19.8			27.6				1.30		01643-00631

all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos