

Katalogprogramm

Programme du catalogue | Catalogue overview








manigley



Farbring Programm

Programme anneau couleur | Colouring-program






Anwendung der Farbringe Application d'anneaux couleur Application of color rings		
	Bunt- und Leichtmetall <700 N/mm ² Dehnung: 15 – 35 %	Aluminium-Knetlegierungen, Weichmessing (MS63 langspanend), Magnesium-Knetlegierungen, Aluminium-Gusslegierungen Si < 5 %, Rotguss, Guss-Zinnbronze, Kupfer, Baustähle, Automatenstähle.
	Aluminium et métaux non-ferreux <700 N/mm ² Allongement: 15 – 35 %	Alliages corroyés d'aluminium, Laiton tendre (MS63 copeaux long), Alliages corroyés de magnésium, Alliages de fonte d'aluminium Si < 5 %, Laiton rouge, Bronze au zinc, Cuivre, Aciers de construction, Aciers de décolletage.
	Aluminium and non-ferrous metals <700 N/mm ² Elongation: 15 – 35 %	Wrought alloy of aluminium, Soft brass (MS63 long chipping), Wrought alloy of magnesium, Aluminium cast alloy Si < 5 %, Red brass, Phosphor bronze, Copper, Structural steel, Free cutting steel
	Bau- Qualitätsstähle <1000 n/mm ² Dehnung: 10 – 30 %	Baustähle, Einsatzstähle, Vergütungsstähle, Werkzeugstähle, Automatenstähle, Stahlguss, Kupfer
	Aciers de construction et de qualité <1000 N/mm ² Allongement: 10 – 30 %	Aciers de construction et de cémentation, Aciers d'amélioration, Aciers à outils, Aciers de décolletage, Aciers moulés, Cuivre
	Structural and quality steel <1000 N/mm ² Elongation: 10 – 30 %	Structural steel, Case hardening steel, Heat treatable steel, Carbon tool steel, Free cutting steel, Cast steel, Copper
	Bau- Qualitätsstähle <1000 n/mm ² Dehnung: 10 – 30 %	Baustähle, Einsatzstähle, Vergütungsstähle, Werkzeugstähle, Automatenstähle, Rostfreie Cr-Stähle geschwefelt, rostfreie Cr-Stähle ferritisch.
	Aciers de construction et de qualité <1000 N/mm ² Allongement: 10 – 30 %	Aciers de construction et de cémentation, Aciers d'amélioration, Aciers à outils, Aciers de décolletage, Aciers Cr inoxydable sulfuré, Aciers Cr inoxydable ferritique.
	Structural and quality steel <1000 N/mm ² Elongation: 10 – 30 %	Structural steel, Case hardening steel, Heat treatable steel, Carbon tool steel, Free cutting steel, Stainless Cr steel sulphured, Stainless Cr steel ferritic.
	Rostfreie Stähle 400 – 1000 N/mm ² Dehnung: 25 – 60 %	Rostfreie Cr-Ni-Stähle austenitisch, Rostfreie Cr-Stähle ferritisch & martensitisch, Nitrierstähle, Hitzebeständige Stähle, Nickellegierungen, Rostfreie Cr-Stähle geschwefelt, Baustähle, Einsatzstähle, Vergütungsstähle ab 900 N/mm ² .
	Aciers inoxydable 400 – 1000 N/mm ² Allongement: 25 – 60 %	Aciers inoxydable Cr-Ni austénitique, Aciers inoxydable Cr ferritique & martensitique, Aciers pour nitruration, Aciers réfractaires, Alliages de nickel, Aciers Cr inoxydable sulfuré, Aciers de construction, Aciers cémentation, Aciers d'amélioration > 900 N/mm ² .
	Stainless steel 400 – 1000 N/mm ² Elongation: 25 – 60 %	Stainless steel Cr-Ni austenitic, Staniless steel CR ferritic & martensitic, Nitriding steel, Heat resisting steel, Nickel alloys, Stainless Cr steel sulphured, Structural stel, Case hardening steel, Heat treatable steel > 900 N/mm ² .
	Rostfreie Stähle 400 – 1000 N/mm ² Dehnung: 25 – 60 %	Rostfreie Cr-Ni-Stähle austenitisch, Rostfreie Cr-Stähle ferritisch & martensitisch, Nitrierstähle, Hitzebeständige Stähle, Nickellegierungen, Rostfreie Cr-Stähle geschwefelt, Baustähle, Einsatzstähle, Vergütungsstähle ab 900 N/mm ² .
	Aciers inoxydable 400 – 1000 N/mm ² Allongement: 25 – 60 %	Aciers inoxydable Cr-Ni austénitique, Aciers inoxydable Cr ferritique & martensitique, Aciers pour nitruration, Aciers réfractaires, Alliages de nickel, Aciers Cr inoxydable sulfuré, Aciers de construction, Aciers cémentation, Aciers d'amélioration > 900 N/mm ² .
	Stainless steel 400 – 1000 N/mm ² Elongation: 25 – 60 %	Stainless steel Cr-Ni austenitic, Staniless steel CR ferritic & martensitic, Nitriding steel, Heat resisting steel, Nickel alloys, Stainless Cr steel sulphured, Structural steel, Case hardening steel, Heat treatable steel > 900 N/mm ² .
	Hochfeste Stähle >900 N/mm ² Dehnung: <30 %	Baustähle, Einsatzstähle, Vergütungsstähle, Stahlguss, Werkzeugstähle, thermoplastische Kunststoffe.
	Aciers à haute résistance >900 N/mm ² Allongement: <30 %	Aciers de construction, Aciers de cémentation, Aciers d'amélioration, Aciers à outils, Aciers moulés, Matières thermoplastique.
	High strenght steel >900 N/mm ² Elongation: <20 %	Structural steel, Case hardening steel, Heat treatable steel, Cast steel, Carbon tool steel, Thermoplastics.

Anwendung der Farbringe
Application d'anneaux couleur
Application of color rings

	Hochfeste Stähle > 900 N/mm ² Dehnung: < 30 %	Baustähle, Einsatzstähle, Vergütungsstähle, Stahlguss, Werkzeugstähle.
	Aciers à haute résistance > 900 N/mm ² Allongement: < 30 %	Aciers de construction, Aciers de cémentation, Aciers d'amélioration, Aciers à outils, Aciers moulés.
	High strength steel > 900 N/mm ² Elongation: < 30 %	Structural steel, Case hardening steel, Heat treatable steel, Cast steel, Carbon tool steel.
	Grauguss < 800 n/mm ² Dehnung: < 20 %	Gusseisen mit Lamellengraphit (Grauguss), Gusseisen mit Kugelgraphit (Sphäroguss), Gusseisen mit Vermikulargraphit, Temperguss, Aluminium-Gusslegierungen Si 5-12 %, Magnesium-Gusslegierungen.
	Fonte grise < 800 N/mm ² Allongement: < 20 %	Fonte à graphite lamellaire (fonte grise), Fonte à graphite sphéroïdale, Fonte à graphite vermiculaire, Fonte malléable, Alliages de fonte d'aluminium Si 5-12 %, Alliages de fonte de magnésium.
	Grey cast iron < 800 N/mm ² Elongation: < 20 %	Lamellar graphite cast iron (grey cast iron), Nodular graphite cast iron, Vermicular graphite cast iron, Malleable cast iron, Magnesium cast alloy Si 5-12 %, Aluminium cast alloy.
	Werkzeuge mit Innenkühlung für einen weiten Anwendungsbereich	Unlegierte und legierte Stähle, Werkzeugstähle, Rostfreie Stähle, Stahlguss, Nichteisenmetalle, schwer zerspanbare Werkstoffe.
	Outils avec refroidissement interne pour une large gamme d'applications	Aciers non-allié et allié, Aciers à outils, Aciers inoxydables, Métaux non ferreux, Matériaux difficiles à usiner
	Tools with internal cooling for a wide range of applications	Non-alloyed steels, Alloyed steels, Tool steels, Stainless steels, Cast iron, Non-ferrous metals, Materials difficult to machine.

Symbole

















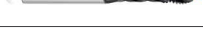







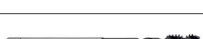















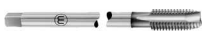







Symboles | Symbols

Oberflächen Surfaces Surfaces		Oberflächen Surfaces Surfaces	
	blank sans revêtement bright		Hardlube
	TiN		TiSiN
	TiCN		

Gewindebohrer













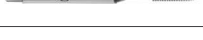































Taraulds | Taps

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
	105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 1 – M 10
	105/4	DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 3 – M 48
	131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 2 – M 10
	131/3	DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 4 – M 48
	105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 1 – M 10
	105/4	DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 3 – M 48
	131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 2 – M 10
	131/3	DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 4 – M 48
	105/4	DIN 371	ISO2 (6H)	B/4	HSSE-PM		M	DIN 13	M 3 – M 10
	105/4	DIN 376	ISO2 (6H)	B/4	HSSE-PM		M	DIN 13	M 12 – M 24
	131/3	DIN 371	ISO2 (6H)	C/2.5	HSSE-PM		M	DIN 13	M 3 – M 10
	131/3	DIN 376	ISO2 (6H)	C/2.5	HSSE-PM		M	DIN 13	M 12 – M 24
	105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 2 – M 10
	105/4	DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 12 – M 30
	131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 2 – M 10
	131/3	DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 12 – M 30
	105/4	DIN 371	ISO2 (6H)	B/4	HSSE-PM		M	DIN 13	M 3 – M 10
	105/4	DIN 376	ISO2 (6H)	B/4	HSSE-PM		M	DIN 13	M 12 – M 24
	131/3	DIN 371	ISO2 (6H)	C/2.5	HSSE-PM		M	DIN 13	M 3 – M 10
	131/3	DIN 376	ISO2 (6H)	C/2.5	HSSE-PM		M	DIN 13	M 12 – M 24
	105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 2 – M 10
	105/4	DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 12 – M 30
	131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 2 – M 10
	131/3	DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 12 – M 30

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range	
	105/4	DIN 371	ISO2 (6H)	B/4	HSSE-PM		M	DIN 13	M 3 – M 10	
	105/4	DIN 376	ISO2 (6H)	B/4	HSSE-PM		M	DIN 13	M 12 – M 20	
	131/3	DIN 371	ISO2 (6H)	C/2.5	HSSE-PM		M	DIN 13	M 3 – M 10	
	131/3	DIN 376	ISO2 (6H)	C/2.5	HSSE-PM		M	DIN 13	M 12 – M 20	
	105/3	DIN 371	ISO2 (6H)	C/2.5	HSSE-PM		M	DIN 13	M 3 – M 10	
	105/3	DIN 376	ISO2 (6H)	C/2.5	HSSE-PM		M	DIN 13	M 8 – M 20	
	105/4	DIN 371	ISO (6HX)	B/4	HSSE-PM		M	DIN 13	M 5 – M 10	
	105/4	DIN 376	ISO (6HX)	B/4	HSSE-PM		M	DIN 13	M 12 – M 16	
	131/3	DIN 371	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 5 – M 10	
	131/3	DIN 376	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 12 – M 16	
	Ultra EG	105/4 EG	DIN 371	6H mod	B/4	HSSE-PM		M	DIN 13	M 2.5 – M 8
	Ultra EG	105/4 EG	DIN 376	6H mod	B/4	HSSE-PM		M	DIN 13	M 10 – M 20
	Ultra EG	131/3 EG	DIN 371	6H mod	E/2	HSSE-PM		M	DIN 13	M 2.5 – M 8
	Ultra EG	131/3 EG	DIN 376	6H mod	E/2	HSSE-PM		M	DIN 13	M 10 – M 20
	Ultra	128/3	DIN 371	ISO2 (6H)		HSS-E		M	DIN 13	M 2 – M 10
	Ultra AZ	103/4	DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 3 – M 10
	Ultra AZ	103/4	DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 6 – M 12
	Ultra AZ	132/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 3 – M 10
	Ultra AZ	132/3	DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 12
	151/3 Combi		ISO2 (6H)	D/4	HSS		M	DIN 13	M 3 – M 12	
	Ultra EL	105/4 EL	≈ DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 4 – M 6
	Ultra EL	105/4 EL	≈ DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 8 – M 16
	Ultra EL	131/3 EL	≈ DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 4 – M 6
	Ultra EL	131/3 EL	≈ DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 8 – M 16

Gewindebohrer



















































Taraulds | Taps

























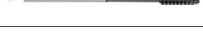




























	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range	
	Ultra +	105/4 EL	≈ DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 4 – M 6
	Ultra +	105/4 EL	≈ DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 8 – M 16
	Ultra +	131/3 EL	≈ DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 4 – M 6
	Ultra +	131/3 EL	≈ DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 8 – M 16
	Ultra	101/1	DIN 352			HSS-E		M	DIN 13	M 2 – M 24
	Ultra	101/2	DIN 352			HSS-E		M	DIN 13	M 2 – M 24
	Ultra	101/3	DIN 352	ISO (6HX)	C/2	HSS-E		M	DIN 13	M 2 – M 24
	Ultra	101/S	DIN 352	ISO (6HX)	C/2	HSS-E		M	DIN 13	M 2 – M 24
	Ultra	116	DIN 371	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 1.6 – M 10
	Ultra	116	DIN 376	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 12
	Ultra	116	DIN 371	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 2 – M 10
	Ultra	116	DIN 376	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 12
	Ultra	116a	DIN 371	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 2.5 – M 10
	Ultra	116a	DIN 376	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 12
	Ultra	116a	DIN 371	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 3 – M 10
	Ultra	116a	DIN 376	ISO (6HX)	C/2.5	HSSE-PM		M	DIN 13	M 12
	Ultra	105/4	DIN 371	ISO3 (6G)	B/4	HSS-E		M	DIN 13	M 2 – M 10
	Ultra	105/4	DIN 376	ISO3 (6G)	B/4	HSS-E		M	DIN 13	M 12 – M 16
	Ultra	131/3	DIN 371	ISO3 (6G)	C/2.5	HSS-E		M	DIN 13	M 2 – M 10
	Ultra	131/3	DIN 376	ISO3 (6G)	C/2.5	HSS-E		M	DIN 13	M 12 – M 16
	Ultra INOX	105/4	DIN 371	ISO3 (6G)	B/4	HSS-E		M	DIN 13	M 2 – M 10
	Ultra INOX	105/4	DIN 376	ISO3 (6G)	B/4	HSS-E		M	DIN 13	M 12 – M 12
	Ultra INOX	131/3	DIN 371	ISO3 (6G)	C/2.5	HSS-E		M	DIN 13	M 2 – M 10
	Ultra INOX	131/3	DIN 376	ISO3 (6G)	C/2.5	HSS-E		M	DIN 13	M 12 – M 12

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matériau Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range	
	Ultra LH	105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 2.5 – M 10
	Ultra LH	105/4	DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 12 – M 16
	Ultra LH	131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 2.5 – M 10
	Ultra LH	131/3	DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 12 – M 16
	Ultra + LH	105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 2.5 – M 10
	Ultra + LH	105/4	DIN 376	ISO2 (6H)	B/4	HSS-E		M	DIN 13	M 12 – M 16
	Ultra + LH	131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 2.5 – M 10
	Ultra + LH	131/3	DIN 376	ISO2 (6H)	C/2.5	HSS-E		M	DIN 13	M 12 – M 16
		105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		MF	DIN 13	MF 4x0.5 – MF 10x1.25
		105/4	DIN 374	ISO2 (6H)	B/4	HSS-E		MF	DIN 13	MF 12x1 – MF 36x1.5
		131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		MF	DIN 13	MF 4x0.5 – MF 10x1.25
		131/3	DIN 374	ISO2 (6H)	C/2.5	HSS-E		MF	DIN 13	MF 12x1 – MF 36x1.5
		105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		MF	DIN 13	MF 4x0.5 – MF 10x1.25
		105/4	DIN 374	ISO2 (6H)	B/4	HSS-E		MF	DIN 13	MF 12x1 – MF 32x1.5
		131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		MF	DIN 13	MF 4x0.5 – MF 10x1.25
		131/3	DIN 374	ISO2 (6H)	C/2.5	HSS-E		MF	DIN 13	MF 12x1 – MF 32x1.5
		105/4	DIN 371	ISO2 (6H)	B/4	HSS-E		MF	DIN 13	MF 4x0.5 – MF 10x1.25
		105/4	DIN 374	ISO2 (6H)	B/4	HSS-E		MF	DIN 13	MF 12x1 – MF 20x1.5
		131/3	DIN 371	ISO2 (6H)	C/2.5	HSS-E		MF	DIN 13	MF 4x0.5 – MF 10x1.25
		131/3	DIN 374	ISO2 (6H)	C/2.5	HSS-E		MF	DIN 13	MF 12x1 – MF 24x1.5
		105/4	DIN 371	ISO2 (6H)	B/4	HSSE-PM		MF	DIN 13	MF 4x0.5 – MF 10x1.25
		105/4	DIN 374	ISO2 (6H)	B/4	HSSE-PM		MF	DIN 13	MF 12x1 – MF 20x1.5
		131/3	DIN 371	ISO2 (6H)	C/2.5	HSSE-PM		MF	DIN 13	MF 4x0.5 – MF 10x1.25
		131/3	DIN 374	ISO2 (6H)	C/2.5	HSSE-PM		MF	DIN 13	MF 12x1 – MF 20x1.5

Gewindebohrer

























Tarauts | Taps















	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
	105/3	DIN 374	ISO2 (6H)	C/2.5	HSSE-PM		MF	DIN 13	MF 8x1 – MF 20x1.5
	105/4	DIN 371	ISO (6HX)	B/4	HSSE-PM		MF	DIN 13	MF 8x1 – MF 10x1
	105/4	DIN 374	ISO (6HX)	B/4	HSSE-PM		MF	DIN 13	MF 8x1 – MF 16x1.5
	131/3	DIN 371	ISO (6HX)	C/2.5	HSSE-PM		MF	DIN 13	MF 8x1 – MF 10x1
	131/3	DIN 374	ISO (6HX)	C/2.5	HSSE-PM		MF	DIN 13	MF 8x1 – MF 16x1.5
	105/4	DIN 371	2B	B/4	HSS-E		UNC	ANSI B-1.1	UNC 4-40 – UNC 3/8-16
	105/4	DIN 376	2B	B/4	HSS-E		UNC	ANSI B-1.1	UNC 7/16-14 – UNC 1-8
	131/3	DIN 371	2B	C/2.5	HSS-E		UNC	ANSI B-1.1	UNC 4-40 – UNC 3/8-16
	131/3	DIN 376	2B	C/2.5	HSS-E		UNC	ANSI B-1.1	UNC 7/16-14 – UNC 1-8
	105/4	DIN 371	2B	B/4	HSS-E		UNC	ANSI B-1.1	UNC 4-40 – UNC 3/8-16
	105/4	DIN 376	2B	B/4	HSS-E		UNC	ANSI B-1.1	UNC 7/16-14 – UNC 1-8
	131/3	DIN 371	2B	C/2.5	HSS-E		UNC	ANSI B-1.1	UNC 4-40 – UNC 3/8-16
	131/3	DIN 376	2B	C/2.5	HSS-E		UNC	ANSI B-1.1	UNC 7/16-14 – UNC 1-8
	105/4	DIN 371	2B	B/4	HSSE-PM		UNC	ANSI B-1.1	UNC 2-56 – UNC 3/8-16
	105/4	DIN 376	2B	B/4	HSSE-PM		UNC	ANSI B-1.1	UNC 7/16-14 – UNC 5/8-11
	131/3	DIN 371	2B	C/2.5	HSSE-PM		UNC	ANSI B-1.1	UNC 2-56 – UNC 3/8-16
	131/3	DIN 376	2B	C/2.5	HSSE-PM		UNC	ANSI B-1.1	UNC 7/16-14 – UNC 5/8-11
	105/4	DIN 371	2B	B/4	HSS-E		UNF	ANSI B-1.1	UNF 5-44 – UNF 3/8-24
	105/4	DIN 374	2B	B/4	HSS-E		UNF	ANSI B-1.1	UNF 7/16-20 – UNF 1/2-20
	131/3	DIN 371	2B	C/2.5	HSS-E		UNF	ANSI B-1.1	UNF 5-44 – UNF 3/8-24
	131/3	DIN 374	2B	C/2.5	HSS-E		UNF	ANSI B-1.1	UNF 7/16-20 – UNF 3/4-16
	105/4	DIN 371	2B	B/4	HSS-E		UNF	ANSI B-1.1	UNF 5-44 – UNF 3/8-24
	105/4	DIN 374	2B	B/4	HSS-E		UNF	ANSI B-1.1	UNF 7/16-20 – UNF 3/4-16
	131/3	DIN 371	2B	C/2.5	HSS-E		UNF	ANSI B-1.1	UNF 5-44 – UNF 3/8-24
	131/3	DIN 374	2B	C/2.5	HSS-E		UNF	ANSI B-1.1	UNF 7/16-20 – UNF 3/4-16

		Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matériau Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
		105/4	DIN 371	2B	B/4	HSSE-PM		UNF	ANSI B-1.1	UNF 10-32 – UNF 3/8-24
		105/4	DIN 374	2B	B/4	HSSE-PM		UNF	ANSI B-1.1	UNF 7/16-20 – UNF 5/8-18
		131/3	DIN 371	2B	C/2.5	HSSE-PM		UNF	ANSI B-1.1	UNF 10-32 – UNF 3/8-24
		131/3	DIN 374	2B	C/2.5	HSSE-PM		UNF	ANSI B-1.1	UNF 7/16-20 – UNF 5/8-18
		105/4	DIN 5156		B/4	HSS-E		G	DIN EN ISO 228	G 1/8 – G 1.1/4
		131/3	DIN 5156		C/2.5	HSS-E		G	DIN EN ISO 228	G 1/8 – G 1.1/4
		105/4	DIN 5156		B/4	HSS-E		G	DIN EN ISO 228	G 1/8 – G 1.1/4
		131/3	DIN 5156		C/2.5	HSS-E		G	DIN EN ISO 228	G 1/8 – G 1.1/4
		105/4	DIN 5156		B/4	HSSE-PM		G	DIN EN ISO 228	G 1/8 – G 1
		131/3	DIN 5156		C/2.5	HSSE-PM		G	DIN EN ISO 228	G 1/8 – G 1
		105/3	DIN 5156		C/2.5	HSSE-PM		G	DIN EN ISO 228	G 1/8 – G 1
	Ultra	105/4	DIN 371		B/4	HSS-E		BSW (W)	BS 84	W 1/8 – W 3/8
	Ultra	105/4	DIN 376		B/4	HSS-E		BSW (W)	BS 84	W 7/16 – W 1
	Ultra	131/3	DIN 371		C/2.5	HSS-E		BSW (W)	BS 84	W 1/8 – W 3/8
	Ultra	131/3	DIN 376		C/2.5	HSS-E		BSW (W)	BS 84	W 7/16 – W 1
	Ultra	105/3	≈ DIN 371		C/2.5	HSS-E		NPT 1:16	ANSI B-1.20.1	NPT 1/16 – NPT 1/4
	Ultra	105/3	≈ DIN 374		C/2.5	HSS-E		NPT 1:16	ANSI B-1.20.1	NPT 3/8 – NPT 1
	Ultra +	105/3	≈ DIN 371		C/2.5	HSS-E		NPT 1:16	ANSI B-1.20.1	NPT 1/16 – NPT 1/4
	Ultra +	105/3	≈ DIN 374		C/2.5	HSS-E		NPT 1:16	ANSI B-1.20.1	NPT 3/8 – NPT 1
	Ultra	105/3	≈ DIN 374		C/2.5	HSS-E		NPTF 1:16	ANSI B-1.20.1	NPTF 1/8 – NPTF 1/2
	Ultra +	105/3	≈ DIN 374		C/2.5	HSS-E		NPTF 1:16	ANSI B-1.20.1	NPTF 1/8 – NPTF 1/2

Schneideisen


Filières | Dies

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
	501	DIN EN 22568	ISO-6g	50°/1.8	HSS		M	DIN 13	DIN 13
	502	DIN EN 22568	ISO-6g	50°/1.8	HSS		M	DIN 13	DIN 13
	INOX 501	DIN EN 22568	ISO-6g	50°/1.8	HSS-E		M	DIN 13	DIN 13
	L.H. 501	DIN EN 22568	ISO-6g	50°/1.8	HSS		M	DIN 13	DIN 13
	504	DIN 382	ISO-6g	60°/1.5	HSS		M	DIN 13	DIN 13
	503	WN	6g	50°/1.8	HSS		M	DIN 13	DIN 13
	503	WN	6e	50°/1.8	HSS		M	DIN 13	DIN 13
	INOX 503	WN	ISO-6g	50°/1.8	HSS-E		M	DIN 13	DIN 13
	510/3	WN	ISO-6g	50°/1.8	HSS		M	DIN 13	DIN 13
	501	DIN EN 22568	ISO-6g	50°/1.8	HSS		MF	DIN 13	DIN 13
	L.H. 501	DIN EN 22568	ISO-6g	50°/1.8	HSS		MF	DIN 13	DIN 13
	503	WN	ISO-6g	50°/1.8	HSS		MF	DIN 13	DIN 13

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
	501	DIN EN 22568	-2A	50°/1.8	HSS		UNC	ANSI B-1.1	ANSI B-1.1
	501	DIN EN 22568	-2A	50°/1.8	HSS		UNF	ANSI B-1.1	ANSI B-1.1
	501	DIN EN 22568		50°/2.5	HSS		NPT 1:16	ANSI B-1.20.1	ANSI B-1.20.1
	501	DIN EN 22568		50°/2.5	HSS		NPTF 1:16	ANSI B-1.20.1	ANSI B-1.20.1
	501	DIN EN 22568		50°/1.8	HSS		BSW (W)	BS 84	BS 84
	501	DIN EN 24231	A	50°/1.8	HSS		G	DIN EN ISO 228	DIN EN ISO 228
	L.H. 501	DIN EN 24231	A	50°/1.8	HSS		G	DIN EN ISO 228	DIN EN ISO 228


Gewinde-Grenzlehndorne Gut

Tampon filetées entre | Thread plug gauge go

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
	701		-6H				M	DIN 13	M 1 – M 48


Gewinde-Grenzlehndorne Gut/Ausschuss

Tampon filetées entre/n'entre pas | Thread plug gauge go/nogo

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
	703		-6H				M	DIN 13	M 1 – M 48
	703		-6G				M	DIN 13	M 2 – M 12
	703		-6H				MF	DIN 13	MF 2.5x0.35 – MF 50x2
	703		2B				UNC	ANSI/ASME B-1.2	UNC 1-64 – UNC 1-8
	703		2B				UNF	ANSI/ASME B-1.2	UNF 0-80 – UNF 1-12
	703						G	DIN EN ISO 228-2	G 1/8 – G 2


Gewindelehringe Gut

Bague filetées entre | Ring gauge go

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
	704		-6g				M	DIN 13	M 1 – M 48
	704		-6e				M	DIN 13	M 2.5 – M 12
	704		-6g				MF	DIN 13	MF 2.5x0.35 – MF 50x2
	704		2A				UNC	ANSI/ASME B-1.2	UNC 1-64 – UNC 1-8
	704		2A				UNF	ANSI/ASME B-1.2	UNF 0-80 – UNF 1-12
	704						G	DIN EN ISO 228-2	G 1/8 – G 2




Gewindelehrringe Ausschuss

Bague filetées n'entre pas | Ring gauge nogo

	Typ	Standard	Toleranz Tolérance Tolerance	Anschnitt Entrée Chamfer	Material Matière Material	Oberfläche Surface Surface	Gewinde Typ Type de filetage Thread type	Gewinde Norm Norme de filetage Thread norm	Abmessungsbereich Gamme de dimensions Dimension range
	714		-6g				M	DIN 13	M 1 – M 48
	714		-6e				M	DIN 13	M 2.5 – M 12
	714		-6g				MF	DIN 13	MF 2.5x0.35 – MF 50x2
	714		2A				UNC	ANSI/ASME B-1.2	UNC 1-64 – UNC 1-8
	714		2A				UNF	ANSI/ASME B-1.2	UNF 0-80 – UNF 1-12

Zubehör

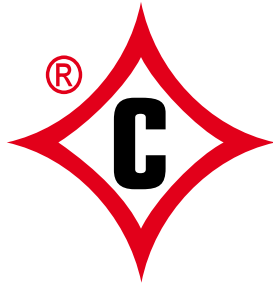
Accessoires | Accessories

	Typ		Abmessungsbereich Gamme de dimensions Dimension range
	890	Schneideisenhalter MAN Porte-filières MAN Die-holder MAN	Size 1 – Size 3
	822	Windeisen verstellbar Tourne à gauche réglable Tap wrenches adjustable	Size 1 – Size 5
	801	Schneideisenhalter Porte-filières Die-holder	Size 1 – Size 17

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