

VDI STATIC TOOLHOLDERS FOR

(Michelangelo ARCHIMEDE) TB-TBMA-TBMR (Michelangelo LEONARDO) TC-TCMA-TCMR



BARUFFALDI – Since 1927

More than 90 years of Italian mechanical excellence



Baruffaldi was founded in Milano (Italy) by Cesare Boffelli, a qualified mechanical engineer, in 1927.



In the '50s Baruffaldi expanded its business area manufacturing brakes and clutches for several industrial applications



In the '70s it began the production of components for Machine Tool industry



Baruffaldi reorganized the company into 2 new production units located in Milan area. The total covered area is 25.000sqm

The Company started the production of brakes for motorcycles in the '30s



With high technology knowledge in brake and clutches The Company became a partner of truck manufacturers



Baruffaldi entered the agricultural and textile machines industries



984

Baruffaldi design a new line of 2 and 3 stage reducers for various applications as food machinery



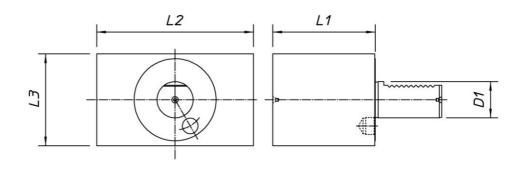
Today Baruffaldi, with over 90 years of experience, is one of the leaders in the Machine Tool Industry offering high quality products and services worldwide.







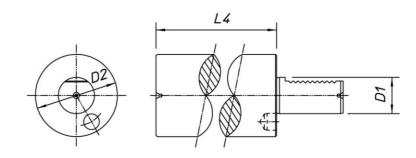
Portautensile VDI semilavorato VDI blank toolholder Ébauche de porte-outil VDI VDI Werkzeughalter vorgearbeitet Rettangolare Rectangular Rectangulaire Rechteckig



Codice code - code - Bestell Nr.	D1	L1	L2	L3					
A1 16X44	16	44	78	44					
A1 20X65	20	65	100	60					
A1 30X85	30	85	130	76					
A1 40X100	40	100	151	96					
A1 50X125	50	125	160	120					
A1 60X160	60	160	165	125					

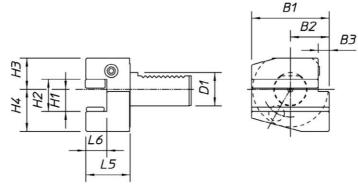
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Portautensile VDI semilavorato VDI blank toolholder Ébauche de porte-outil VDI VDI Werkzeughalter vorgearbeitet Rotondo Round Rond Rund



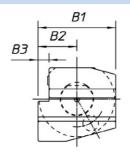
Codice code - code - Bestell Nr.	D1	D2	L4					
A2 16X60	16	40	60					
A2 20X70	20	50	70					
A2 30X100	30	68	100					
A2 30X240	30	68	240					
A2 40X120	40	83	120					
A2 40X320	40	83	320					
A2 50X135	50	98	135					
A2 50X400	50	98	400					
A2 60X150	60	123	150					
A2 60X480	60	123	480					

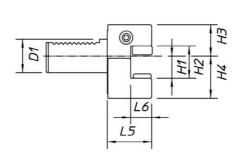
Con sede trasversale rettangolare With transversal rectangular seat Avec siège rectangulaire transversal Mit Vierkant-Queraufnahme Destro Right-hand Droit Rechts Corto Short Court Kurz



Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	B1	В2	ВЗ	L5	L6	
B1 16X12X24	16	12	17	20	22	42	23	5	24	11	
B1 16X12X34	16	12	17	20	22	42	23	5	34	11	
B1 20X16X30	20	16	22	25	30	55	30	7	30	14	
B1 20X16X40	20	16	22	25	30	55	30	7	40	14	
B1 30X20/16X40	30	20/16	29	28	38	70	35	10	40	18	
B1 30X20/16X60	30	20/16	29	28	38	70	35	10	60	18	
B1 40X25/20X44	40	25/20	34	32,5	48	85	42,5	12,5	44	22	
B1 50X32/25X55	50	32/25	41	35	60	100	50	16	55	25	
B1 60X32X60	60	32	41	42,5	62,5	125	62,5	16	60	30	

Portautensile VD VDI toolholder Porte-outil VDI VDI Werkzeughalter Con sede trasversale rettangolare With transversal rectangular seat Avec siège rectangulaire transversal Mit Vierkant-Queraufnahme Sinistro Left-hand Gauche Links Corto Short Court Kurz

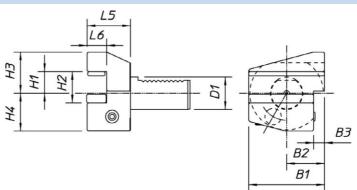




Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	В1	B2	ВЗ	L5	L6	
B2 16X12X24	16	12	17	20	22	42	23	5	24	11	
B2 16X12X34	16	12	17	20	22	42	23	5	34	11	
B2 20X16X30	20	16	22	25	30	55	30	7	30	14	
B2 20X16X40	20	16	22	25	30	55	30	7	40	14	
B2 30X20/16X40	30	20/16	29	28	38	70	35	10	40	18	
B2 30X20/16X60	30	20/16	29	28	38	70	35	10	60	18	
B2 40X25/20X44	40	25/20	34	32,5	48	85	42,5	12,5	44	22	
B2 50X32/25X55	50	32/25	41	35	60	100	50	16	55	25	
B2 60X32X60	60	32	41	42,5	62,5	125	62,5	16	60	30	

Con sede trasversale rettangolare With transversal rectangular seat Avec siège rectangulaire transversal Mit Vierkant-Queraufnahme Rovesciato Upside-down Renversé Überkopf Destro Right-hand Droit Rechts

Corto Short Court Kurz

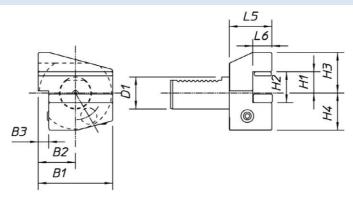


Codice code - code - Bestell Nr.	D 1	H1	H2	НЗ	H4	В1	B2	ВЗ	L5	L6		
B3 16X12X24	16	12	17	20	22	42	23	5	24	11		
B3 16X12X34	16	12	17	20	22	42	23	5	34	11		
B3 20X16X30	20	16	22	30	25	55	30	7	30	14		
B3 20X16X40	20	16	22	30	25	55	30	7	40	14		
B3 30X20/16X40	30	20/16	29	38	35	70	35	10	40	18		
B3 30X20/16X60	30	20/16	29	38	35	70	35	10	60	18		
B3 40X25/20X44	40	25/20	34	48	42,5	85	42,5	12,5	44	22		
B3 50X32/25X55	50	32/25	41	60	50	100	50	16	55	25		
B3 60X32X60	60	32	41	62,5	62,5	125	62,5	16	60	30		

В4

Portautensile VD VDI toolholder Porte-outil VDI VDI Werkzeughalter

Con sede trasversale rettangolare With transversal rectangular seat Avec siège rectangulaire transversal Mit Vierkant-Queraufnahme Rovesciato Upside-down Renversé Überkopf Sinistro Left-hand Gauche Links Corto Short Court Kurz

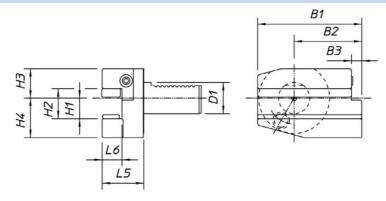


Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	B1	B2	ВЗ	L5	L6		
B4 16X12X24	16	12	17	20	22	42	23	5	24	11		
B4 16X12X34	16	12	17	20	22	42	23	5	34	11		
B420X16X30	20	16	22	30	25	55	30	7	30	14		
B420X16X40	20	16	22	30	25	55	30	7	40	14		
B430X20/16X40	30	20/16	29	38	35	70	35	10	40	18		
B430X20/16X60	30	20/16	29	38	35	70	35	10	60	18		
B4 40X25/20X44	40	25/20	34	48	42,5	85	42,5	12,5	44	22		
B4 50X32/25X55	50	32/25	41	60	50	100	50	16	55	25		
B4 60X32X60	60	32	41	62,5	62,5	125	62,5	16	60	30		

Con sede trasversale rettangolare With transversal rectangular seat Avec siège rectangulaire transversal Mit Vierkant-Queraufnahme

Destro Right-hand Droit Rechts

Lungo Long Long Lang



Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	В1	В2	ВЗ	L5	L6		
B5 16X12X24	16	12	17	20	22	58	39	5	24	11		
B5 16X12X34	16	12	17	20	22	58	39	5	34	11		
B5 20X16X30	20	16	22	25	30	75	50	7	30	14		
B5 20X16X40	20	16	22	25	30	75	50	7	40	14		
B5 30X20/16X40	30	20/16	29	28	38	100	65	10	40	18		
B5 30X20/16X60	30	20/16	29	28	38	100	65	10	60	18		
B5 40X25/20X44	40	25/20	34	32,5	48	118	75,5	12,5	44	22		
B5 50X32/25X55	50	32/25	41	35	60	130	80	16	55	25		
B5 60X32X60	60	32	41	42,5	62,5	145	82,5	16	60	30		

Portautensile VD VDI toolholder B6 Porte-outil VDI

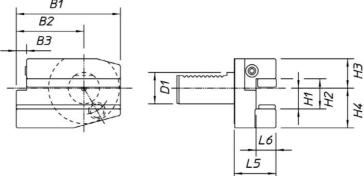
VDI Werkzeughalter

Con sede trasversale rettangolare With transversal rectangular seat Avec siège rectangulaire transversal Mit Vierkant-Queraufnahme

Left-hand Long Gauche Long Links Lang

Lungo





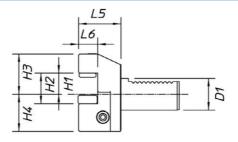
Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	В1	B2	ВЗ	L5	L6	
B6 16X12X24	16	12	17	20	22	58	39	5	24	11	
B6 16X12X34	16	12	17	20	22	58	39	5	34	11	
B6 20X16X30	20	16	22	25	30	75	50	7	30	14	
B6 20X16X40	20	16	22	25	30	75	50	7	40	14	
B6 30X20/16X40	30	20/16	29	28	38	100	65	10	40	18	
B6 30X20/16X60	30	20/16	29	28	38	100	65	10	60	18	
B6 40X25/20X44	40	25/20	34	32,5	48	118	75,5	12,5	44	22	
B6 50X32/25X55	50	32/25	41	35	60	130	80	16	55	25	
B6 60X32X60	60	32	41	42,5	62,5	145	82,5	16	60	30	

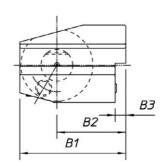
Con sede trasversale rettangolare With transversal rectangular seat Avec siège rectangulaire transversal Mit Vierkant-Queraufnahme

Rovesciato Upside-down Renversé Überkopf

Destro Right-hand Droit Rechts

Lungo Long Long Lang





Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	B1	B2	ВЗ	L5	L6		
B7 16X12X24	16	12	17	20	22	58	39	5	24	11		
B7 16X12X34	16	12	17	20	22	58	39	5	34	11		
B7 20X16X30	20	16	22	30	25	75	50	7	30	14		
B7 20X16X40	20	16	22	30	25	75	50	7	40	14		
B7 30X20/16X40	30	20/16	29	38	35	100	65	10	40	18		
B7 30X20/16X60	30	20/16	29	38	35	100	65	10	60	18		
B7 40X25/20X44	40	25/20	34	48	42,5	118	75,5	12,5	44	22		
B7 50X32/25X55	50	32/25	41	60	50	130	80	16	55	25		
B7 60X32X60	60	32	41	62,5	62,5	145	82,5	16	60	30		

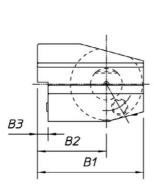
B8

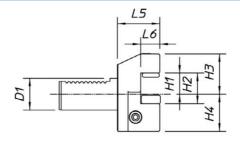
Portautensile VD VDI toolholder Porte-outil VDI VDI Werkzeughalter Con sede trasversale rettangolare With transversal rectangular seat Avec siège rectangulaire transversal Mit Vierkant-Queraufnahme

Rovesciato Upside-down . Renversé Überkopf

Sinistro Left-hand Gauche Links

Lungo Long Long Lang

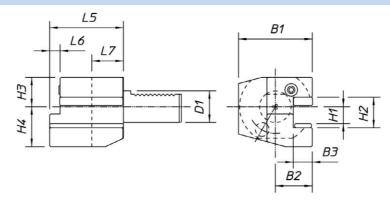




Codice code - code - Bestell Nr.	D 1	H1	H2	НЗ	H4	B1	B2	Вз	L5	L6		
B8 16X12X24	16	12	17	20	22	58	39	5	24	11		
B8 16X12X34	16	12	17	20	22	58	39	5	34	11		
B8 20X16X30	20	16	22	30	25	75	50	7	30	14		
B8 20X16X40	20	16	22	30	25	75	50	7	40	14		
B8 30X20/16X40	30	20/16	29	38	35	100	65	10	40	18		
B8 30X20/16X60	30	20/16	29	38	35	100	65	10	60	18		
B8 40X25/20X44	40	25/20	34	48	42,5	118	75,5	12,5	44	22		
B8 50X32/25X55	50	32/25	41	60	50	130	80	16	55	25		
B8 60X32X60	60	32	41	62,5	62,5	145	82,5	16	60	30		

Con sede longitudinale rettangolare With longitudinal rectangular seat Avec siège rectangulaire longitudinal Mit Vierkant-Längsaufnahme

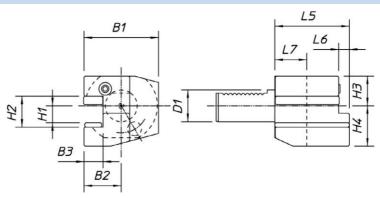
Destro Right-hand Droit Rechts



Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	B1	B2	В3	L5	L6	L7	
C1 16X12	16	12	17	20	22	43	24	11	44	5	20	
C1 20X16	20	16	22	25	30	52	27	14	55	7	30	
C1 30X20/16	30	20/16	29	28	38	70	35	18	70	10	30	
C1 40X25/20	40	25/20	34	32,5	48	85	42,5	22	85	12,5	30	
C1 50X32/25	50	32/25	41	35	60	100	50	24,5	100	16	40	
C1 60X32	60	32	41	42,5	62,5	125	62,5	30	125	16	40	

C2

Portautensile VD VDI toolholder Porte-outil VDI VDI Werkzeughalter Con sede longitudinale rettangolare With longitudinal rectangular seat Avec siège rectangulaire longitudinal Mit Vierkant-Längsaufnahme Sinistro Left-hand Gauche Links



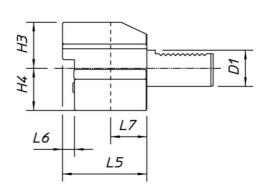
Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	В1	B2	ВЗ	L5	L6	L7	
C2 16X12	16	12	17	20	22	43	24	11	44	5	20	
C2 20X16	20	16	22	25	30	65	40	14	50	-	30	
C2 30X20/16	30	20/16	29	28	38	76	41	18	70	10	30	
C2 40X25/20	40	25/20	34	32,5	48	90	47,5	22	85	12,5	30	
C2 50X32/25	50	32/25	41	35	60	105	55	24,5	100	16	40	
C2 60X32	60	32	41	42,5	62,5	125	62,5	30	125	16	40	

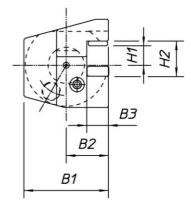


Con sede longitudinale rettangolare With longitudinal rectangular seat Avec siège rectangulaire longitudinal Mit Vierkant-Längsaufnahme

Rovesciato Upside-down Renversé Überkopf

Destro Right-hand Droit Rechts





Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	B1	В2	В3	L5	L6	L7
C3 16X12	16	12	17	22	20	43	24	11	44	5	20
C3 20X16	20	16	22	30	25	52	27	14	55	7	30
C3 30X20/16	30	20/16	29	38	35	70	35	18	70	10	30
C3 40X25/20	40	25/20	34	48	42,5	85	42,5	22	85	12,5	30
C3 50X32/25	50	32/25	41	60	50	100	50	24,5	100	16	40
C3 60X32	60	32	41	62,5	62,5	125	62,5	30	125	16	40

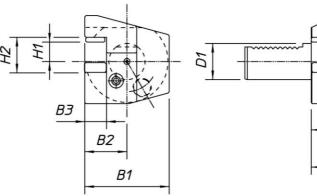
VDI

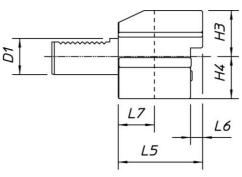
C4

Portautensile VD VDI toolholder Porte-outil VDI VDI Werkzeughalter Con sede longitudinale rettangolare With longitudinal rectangular seat Avec siège rectangulaire longitudinal Mit Vierkant-Längsaufnahme

Rovesciato Upside-down Renversé Überkopf

Sinistro Left-hand Gauche Links

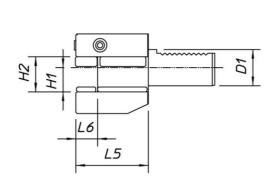


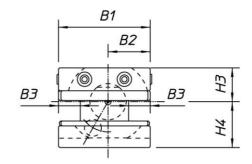


Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	B1	B2	ВЗ	L5	L6	L7	
C4 16X12	16	12	17	22	20	43	24	11	44	5	20	
C4 20X16	20	16	22	30	25	65	40	14	50	-	30	
C4 30X20/16	30	20/16	29	38	35	76	Δ1	18	70	10	30	
C4 40X25/20	40	25/20	34	48	42,5	90	47,5	22	85	12,5	30	
C4 50X32/25	50	32/25	41	60	50	105	55	24,5	100	16	40	
C4 60X32	60	32	41	62,5	62,5	125	62,5	30	125	16	40	

Con più sedi rettangolari

With multiple rectangular seats Avec sièges multiples rectangulaires Mit Vierkant-Mehrfachaufnahmen



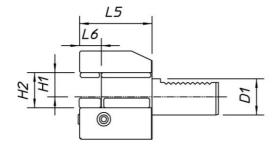


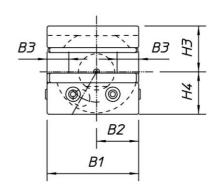
Codice code - code - Bestell Nr.										
	D1	H1	H2	Н3	H4	В1	B2	В3	L5	L6
D1 30X20/16	30	20/16	29	28	38	76	35	18	60	18
D1 40X25/20	40	25/20	34	32,5	48	90	42,5	22	72	22
D1 50X32/25	50	32/25	41	35	60	105	50	24,5	85	25
D1 60X32	60	32	41	42,5	62,5	115	57,5	25	110	25

D2

Portautensile VD VDI toolholder Porte-outil VDI VDI Werkzeughalter Con più sedi rettangolari

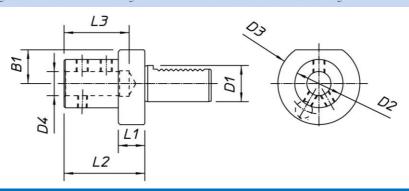
With multiple rectangular seats Avec sièges multiples rectangulaires Mit Vierkant-Mehrfachaufnahmen Rovesciato Upside-down Renversé Überkopf





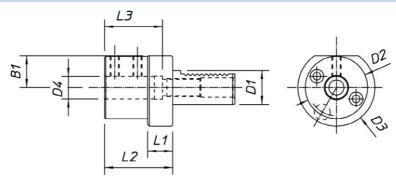
Codice code - code - Bestell Nr.	D1	H1	H2	НЗ	H4	В1	B2	ВЗ	L5	L6	
D1 30X20/16	30	20/16	29	38	35	76	35	18	60	18	
D1 40X25/20	40	25/20	34	48	42,5	90	42,5	22	72	22	
D1 50X32/25	50	32/25	41	60	50	105	50	24,5	85	25	
D1 60X32	60	32	41	62,5	62,5	115	57,5	25	110	25	

Per utensili a forare For drilling tools Pour outlis a perçage Für Bohrwerkzeuge Con refrigerazione interna With inner cooling system Avec réfrigération interne Mit innerer Kühlschmierstoffzuführung



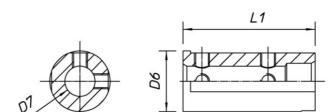
Codice code - code - Bestell Nr.								
	D1	D2	D3	D4	B1	L1	L2	L3
E1 20X16	20	36	50	16	-	18	67	54
E1 20X20	20	40	50	20	-	18	67	54
E1 20X25	20	45	50	25	-	18	71	59
E1 30X16	30	36	68	16	28	22	67	54
E1 30X20	30	40	68	20	28	22	67	54
E1 30X25	30	45	68	25	28	22	71	59
E1 30X32	30	52	68	32	28	22	75	63
E1 30X40	30	60	68	40	28	22	90	73
E1 40X16	40	36	83	16	32,5	22	67	54
E1 40X20	40	40	83	20	32,5	22	67	54
E1 40X25	40	45	83	25	32,5	22	75	59
E1 40X32	40	52	83	32	32,5	22	75	63
E1 40X40	40	60	83	40	32,5	22	90	73
E1 40X50	40	70	83	50	32,5	22	100	83
E1 50X20	50	40	98	20	35	30	67	54
E1 50X25	50	45	98	25	35	30	80	59
E1 50X32	50	52	98	32	35	30	80	63
E1 50X40	50	60	98	40	35	30	90	73
E1 50X50	50	70	98	50	35	30	100	83
E1 60X20	60	40	123	20	42,5	30	80	54
E1 60X25	60	45	123	25	42,5	30	80	59
E1 60X32	60	52	123	32	42,5	30	80	63
E1 60X40	60	60	123	40	42,5	30	90	73
E1 60X50	60	70	123	50	42,5	30	100	83

Per bareni For boring bars Pour outlis à aléser Für Bohrstangen



Codice code - code - Bestell Nr.	D1	Do	Do	D4	D1	1.1	10	10	
FodoWo	D1	D2	D3	D4	B1	L1	L2	L3	
E2 16X6	16	32	40	6	-	13	44	34	
E2 16X8	16	32	40	8	-	13	44	34	
E2 16X10	16	32	40	10	-	13	44	34	
E2 16X12	16	40	40	12	-	-	44	34	
E2 16X16	16	40	40	16	-	-	44	34	
E2 20X8	20	40	50	8	-	18	50	41	
E2 20X10	20	40	50	10	-	18	50	41	
E2 20X12	20	40	50	12	-	18	50	41	
E2 20X16	20	40	50	16	-	18	50	41	
E2 20X20	20	50	50	20	-	-	50	41	
E2 20X25	20	50	50	25	-	-	60	51	
E2 30X8	30	55	68	8	28	22	60	51	
E2 30X10	30	55	68	10	28	22	60	51	
E2 30X12	30	55	68	12	28	22	60	51	
E2 30X16	30	55	68	16	28	22	60	51	
E2 30X20	30	55	68	20	28	22	60	51	
E2 30X25	30	55	68	25	28	22	60	51	
E2 30X32	30	68	68	32	28	-	75	61	
E2 40X8	40	55	83	8	32,5	22	75	61	
E2 40X10	40	55	83	10	32,5	22	75	61	
E2 40X12	40	55	83	12	32,5	22	75	61	
E2 40X16	40	55	83	16	32,5	22	75	61	
E2 40X20	40	55	83	20	32,5	22	75	61	
E2 40X25	40	55	83	25	32,5	22	75	61	
E2 40X32	40	83	83	32	32,5	-	75	61	
E2 40X40	40	83	83	40	32,5	-	90	76	
E2 40X50	40	83	83	50	37,5	-	100	83	
E2 50X12	50	68	98	12	35	30	90	76	
E2 50X16	50	68	98	16	35	30	90	76	
E2 50X20	50	68	98	20	35	30	90	76	
E2 50X25	50	68	98	25	35	30	90	76	
E2 50X32	50	68	98	32	35	30	90	76	
E2 50X40	50	98	98	40	35	-	90	76	
E2 50X50	50	98	98	50	35	-	100	86	
E2 60X16	60	68	123	16	42,5	30	90	76	
E2 60X20	60	68	123	20	42,5	30	90	76	
E2 60X25	60	68	123	25	42,5	30	90	76	
E2 60X32	60	68	123	32	42,5	30	90	76	
E2 60X40	60	98	123	40	42,5	30	90	76	
E2 60X50	60	98	123	50	42,5	30	100	86	

Reduzierhülse



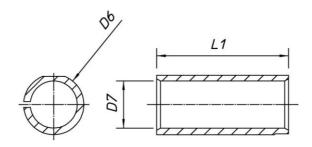
Codice code - code - Bestell Nr.	D6	D7	L1					
E2-1 25X8	25	8	60					
E2-1 25X10	25	10	60					
E2-1 25X12	25	12	60					
E2-1 32X8	32	8	70					
E2-1 32X10	32	10	70					
E2-1 32X12	32	12	70					
E2-1 32X16	32	16	70					
E2-1 32X20	32	20	70					
E2-1 40X8	40	8	80					
E2-1 40X10	40	10	80					
E2-1 40X12	40	12	80					
E2-1 40X16	40	16	80					
E2-1 40X20	40	20	80					
E2-1 40X25	40	25	80					
E2-1 50X16	50	16	90					
E2-1 50X20	50	20	90					
E2-1 50X25	50	25	90					
E2-1 50X32	50	32	90					

VDI

30

Bussola di riduzione cilindrica

Parallel reducing sleeve Douille de réduction cylindrique Zylindrische Reduzierhülse

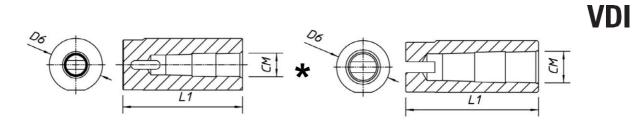


Codice code - code - Bestell Nr.			
	D6	D7	L1
E2-225X16	25	16	60
E2-232X25	32	25	70
E2-2 40X32	40	32	80
E2-2 50X40	50	40	90

E2-3

Bussola di riduzione Reducing sleeve Douille de réduction Reduzierhülse

A cono Morse Morse taper Cône Morse Morsekegel

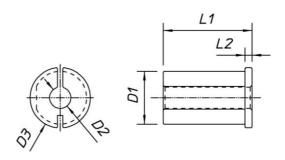


Codice code - code - Bestell Nr.	D6	СМ	L1	Note - Notes - Notes - Bemerkungen
E2-332X1	32	1	90	
E2-332X2	32	2	90	
E2-3 32X3*	32	3	100	* Le bussole sono senza asola
E2-3 40X2	40	2	90	* Adaptors without slot
E2-3 40X3	40	3	100	* Douilles de réduction sans rainure
E2-3 40X4*	40	4	120	* Reduzierhülsen ohne Langschlitz
E2-3 50X2	50	2	90	
E2-3 50X3	50	3	100	
E2-3 50X4*	50	4	120	

Baruffaldi, The Partner for Machine Tool Builders

Codice code - code - Bestell Nr.

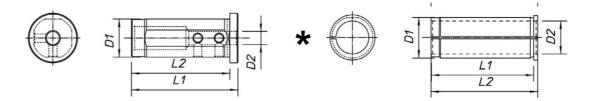
Reducing sleeve Douille de réduction Reduzierhülse



	D1	D2	D3	L1	L2
E6-2 20X6	20	6	24	30	4
E6-2 20X8	20	8	24	30	4
E6-2 20X10	20	10	24	30	4
E6-2 20X12	20	12	24	30	4
E6-2 20X15	20	15	24	30	4
E6-2 20X16	20	16	24	30	4
E6-2 25X6	25	6	29	40	4
E6-2 25X8	25	8	29	40	4
E6-2 25X10	25	10	29	40	4
E6-2 25X12	25	12	29	40	4
E6-2 25X15	25	15	29	40	4
E6-2 25X16	25	16	29	40	4
E6-2 25X20	25	20	29	40	4
E6-2 30X8	30	8	34	50	4
E6-2 30X10	30	10	34	50	4
E6-2 30X12	30	12	34	50	4
E6-2 30X15	30	15	34	50	4
E6-2 30X16	30	16	34	50	4
E6-2 30X20	30	20	34	50	4
E6-2 32X8	32	8	36	50	4
E6-2 32X10	32	10	36	50	4
E6-2 32X12	32	12	36	50	4
E6-2 32X15	32	15	36	50	4
E6-2 32X16	32	16	36	50	4
E6-2 32X20	32	20	36	50	4
E6-2 32X25	32	25	36	50	4
E6-2 40X10	40	10	44	78	4
E6-2 40X12	40	12	44	78	4
E6-2 40X15	40	15	44	78	4
E6-2 40X16	40	16	44	78	4
E6-2 40X20	40	20	44	78	4
E6-2 40X25	40	25	44	78	4
E6-2 40X32	40	32	44	78	4

Bussola di riduzione Reducing sleeve Douille de réduction

Reduzierhülse



Codice - code code - Bestell Nr.	D1	D2	1.1	12
739.0125.008	25	8	65	60
739.0125.010	25	10	65	60
739.0125.012	25	12	65	60
739.0125.016*	25	16	60	55
739.0132.008	32	8	90	85
739.0132.010	32	10	90	85
739.0132.012	32	12	90	85
739.0132.016	32	16	90	85
739.0132.020	32	20	90	85
739.0132.025*	32	25	90	85
739.0140.008	40	8	110	105
739.0140.010	40	10	110	105
739.0140.012	40	12	110	105
739.0140.016	40	16	110	105
739.0140.020	40	20	110	105
739.0140.025	40	25	110	103
739.0140.032*	40	32	110	105

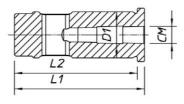
Codice - code code - Bestell Nr.	D1	D2	L1	L2
739.0150.012	50	12	130	125
739.0150.016	50	16	130	125
739.0150.020	50	20	130	125
739.0150.025	50	25	130	123
739.0150.032	50	32	130	125
739.0150.040*	50	40	130	125
739.0160.016	60	16	140	135
739.0160.020	60	20	140	135
739.0160.025	60	25	140	135
739.0160.032	60	32	140	135
739.0160.040	60	40	140	135
739.0160.050*	60	50	140	135
739.0180.025	80	25	150	143
739.0180.032	80	32	150	145
739.0180.040	80	40	150	145
739.0180.050	80	50	150	145
739.0180.060	80	60	150	145

^{*} Le bussole sono con intaglio * Adaptors with notch * Douilles de réduction avec entaille * Reduzierhülsen mit Kerbe

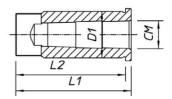


Bussola di riduzione Reducing sleeve Douille de réduction Reduzierhülse A cono Morse Morse taper Cône Morse Morsekegel









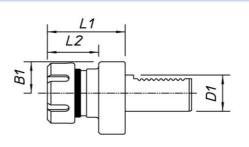
Codice code - code - Bestell Nr.	D1	СМ	L1	L2
	וט	GIVI	El	LZ
739.2132.001	32	1	90	85
739.2132.002	32	2	90	85
739.2132.003*	32	3	100	95
739.2140.002	40	2	100	95
739.2140.003*	40	3	100	95
739.2140.004*	40	4	120	115
739.2150.002	50	2	120	115
739.2150.003	50	3	120	115
739.2150.004*	50	4	120	115
739.2160.003	60	3	140	130
739.2160.004	60	4	140	130
739.2160.005*	60	5	155	145

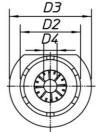
^{*} Le bussole sono senza asola * Adaptors without slot * Douilles de réduction sans rainure * Reduzierhülsen ohne Langschlitz

Portautensile VD VDI toolholder Porte-outil VDI VDI Werkzeughalter Per pinze secondo DIN 6499/B, tipo ER/EX For collets to DIN 6499/B, type ER/EX Pour pinces selon DIN 6499/B, type ER/EX Für Spannzangen nach DIN 6499/B, Typ ER/EX

E4

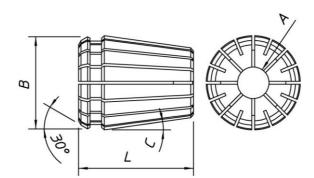






Codice code - code - Bestell Nr.									
	D1	ER	D2	D3	D4	B1	L1	L2	
E4 16-16	16	16	28	40	1÷10	-	48	13	
E4 16-20	16	20	34	40	1÷13	-	48	13	
E4 20-16	20	16	34	50	1÷10	-	53	18	
E4 20-25	20	25	42	50	1÷16	-	53	18	
E4 30-25	30	25	50	68	1÷15	28	65	22	
E4 30-32	30	32	50	68	2,5÷20	28	65	22	
E4 30-40	30	40	63	68	4÷26	28	65	22	
E4 40-25	40	25	42	83	1÷15	32,5	65	22	
E4 40-32	40	32	50	83	2,5÷20	32,5	65	22	
E4 40-40	40	40	63	83	4÷26	32,5	65	22	
E4 50-32	50	32	50	98	2,5÷20	35	84	30	
E4 50-40	50	40	63	98	4÷26	35	75	30	
E4 60-60	60	60	83	123	12÷40	42,5	85	30	

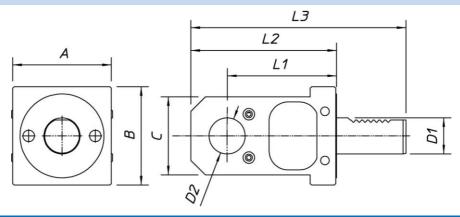
Pinze Collets Pinces Präzisionspannzangen Secondo DIN 6499/B, tipo ER/EX To DIN 6499/B, tupe ER/EX Selon DIN 6499/B, type ER/EX Nach DIN 6499/B, Typ ER/EX



Codice code code Bestell Nr.					Note Notes Notes
E4-1 16/*	1÷10	17	80	27	Ø A aumenta di 0,5 mm per Ø A da 1 a 3 mm. Aumenta di 1 mm per Ø A oltre 3 mm.
E4-1 20/*	1÷13	21	80	31	Ø A increases 0,5 mm for Ø A from 1 to 3 mm. It increases 1 mm for Ø A over 3 mm
E4-1 25/*	1÷15	26	80	35	Ø A augmente 0,5 mm pour Ø A de 1 à 3 mm. Ø Aaugmente 1 mm pour A après 3 mm
E4-1 32/*	2,5÷20	33	8°	40	Ø A steigt 0,5 mm für Ø A von 1 bis 3 mm. Er steigt 1 mm für A über 3 mm.
					0 A aumenta 1 mm per volta.
E4-1 40/*	3÷26	41	80	46	Ø A increases 1 mm every time.
					Ø A augmente 1 mm chaque fois, Ø A steigt von 1 mm jedesmal.

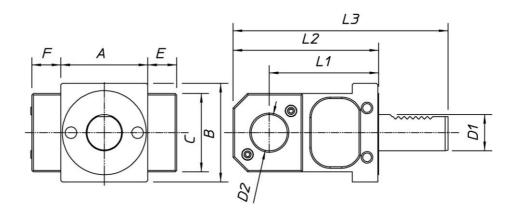
- * Indicare sull'ordine il codice e il Ø A (Es.: E4-1 20/1,5) * When ordering please give code and Ø A (Ex.: E4-1 20/1,5) * À la commande spécifier code et Ø A (Ex.: E4-1 20/1,5) * Im Bestellfalle code und Ø A angeben (Z.B.: E4-1 20/1,5)

Portautensile VD VDI toolholder Porte-outil VDI VDI Werkzeughalter Per bareni For boring bars Pour outlis à aléser Für Bohrstangen



Codice code - code - Bestell Nr.							
	D1	D2	L1	L2	L3	Α	В
E6 30X25/70	30	25	85	110	165	70	70
E6 30X32/70	30	32	85	110	165	70	70
E6 30X20/70X115	30	20	115	135	190	70	70
E6 30X25/70X115	30	25	115	135	190	70	70
E6 30X32/70X115	30	32	115	143	198	70	70
E6 30X40/70X115	30	40	115	150	205	70	70
E6 50X50/100X110	50	50	110	150	228	98	100

Per bareni For boring bars Pour outlis à aléser Für Bohrstangen Doppio Double Double 2 Fach

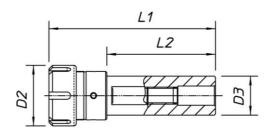


Codice code - code - Bestell Nr.	D1	D2	L1	L2	L3	А	В	С	Е	F		
E6 30X25/140	30	25	85	110	165	70	70	60	35	35		
E6 30X25/95	30	25	85	110	165	70	70	60	12,5	12,5		
E6 30X32/140	30	32	85	110	165	70	70	60	35	35		
E6 30X32/95	30	32	85	110	165	70	70	60	12,5	12,5		
E6 30X32/140X115	30	32	115	143	198	70	70	70	-	70		
E6 50X50/190X140	50	50	140	180	258	100	100	85	-	91		

VDI

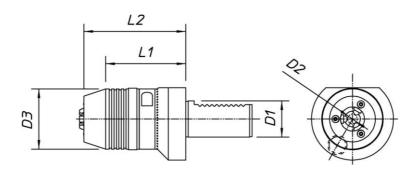
E6-1

Portapinza Collets chuck Porte-pinces Spannzangefutter Con attacco cilindrico With cylindrical shaft A queque cylindrique Mit Zylinderschaft Secondo DIN 6499 To DIN 6499 Selon DIN 6499 Nach DIN 6499



Codice code - code - Bestell Nr.	D2	D3	ER	L1	L2
	UZ	DU	LII		LZ
E6-1 32-25	42	32	25	120	80
E6-1 40-25	42	40	25	120	88
E6-1 32-32	50	32	32	142	90
E6-1 40-32	50	40	32	142	90
E6-1 40-40	63	40	40	160	100
E6-1 50-40	63	50	40	160	100

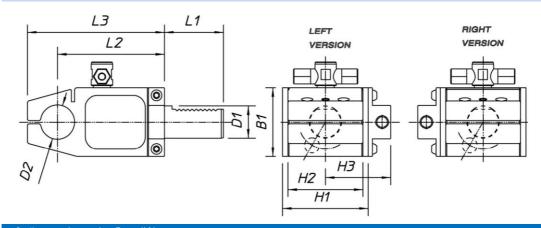
VDI quick action drill chuck Mandrin à serrage rapide VDI VDI Schnellspann-Bohrfutter



Codice code - code - Bestell Nr.					
	D1	D2	D3	L1	L2
E7-20 1÷13	20	1÷13	57	82	88
E7-30 1÷13	30	1÷13	57	82	88
E7-40 1÷13	40	1÷13	57	82	91
E7-30 3÷16	30	3÷16	57	82	93
E7-40 3÷16	40	3÷16	57	85	96

E9 Portautensile VD
VDI toolholder
Porte-outil VDI
VDI Werkzeughalter

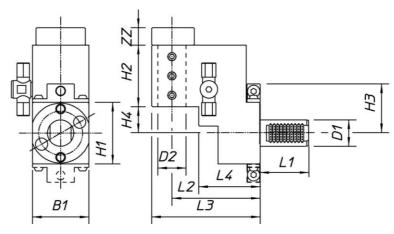
Per bareni For boring bars Pour outlis à aléser Für Bohrstangen Con serraggio ad intaglio With slotted clamp Avec serrage à fente Mit Klemmung



Codice code - code - Bestell Nr.									
Socied Societies.	D1	L1	D2	В1	H1	H2	НЗ	L2	L3
E9 20-25/75	20	40	25	54	54	48	42	75	99,5
E9 30-25/85	30	55	25	64	70	70	56	85	113
E9 30-32/85	30	55	32	64	70	70	56	85	113
E9 30-25/100	30	55	25	64	70	70	56	100	128
E9 30-32/100	30	55	32	64	70	70	56	100	128
E9 40-32/100	40	63	32	76	85	85	67,5	100	132
F9 40-32/120	40	63	32	76	85	85	67.5	120	152

E9 A

Portautensile VDI VDI toolholder Porte-outil VDI VDI Werkzeughalter Per bareni For boring bars Pour outlis à aléser Für Bohrstangen Arretrato Rear offset Décalée en arrière Zurückgesetzt

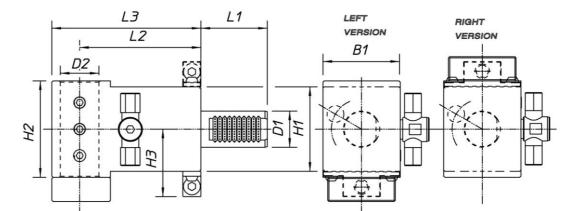


Codice - code - code - Bestell Nr.	D1	L1	D2	B1	H1	H2	Н3	H4	L2	L3	L4	ZZ	
E9 A 30-32/100	30	55	32	64	70	70	56	30	100	123	70	20	
E9 A 40-40/100	40	63	40	85	85	85	67,5	40	100	132	63	20	
E9 A 40-40/120	40	63	40	85	85	85	67,5	40	120	152	75	20	

E9

VDI

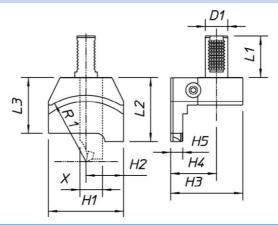
Portautensile VDI VDI toolholder Porte-outil VDI VDI Werkzeughalter Per bareni For boring bars Pour outlis à aléser Für Bohrstangen



Codice code - code - Bestell Nr.									
Course Cours Cours Dualdin VI.	D1	L1	D2	B1	H1	H2	Н3	L2	L3
E9 I 20-25/75	20	40	25	54	54	60	42	75	97,5
E9 I 25-25/75	25	48	25	54	60	60	48	75	97,5
E9 I 30-32/85	30	55	32	64	70	70	56	85	108
E9 I 30-32/100	30	55	32	64	70	70	56	100	123
E9 I 40-40/100	40	63	40	76	85	85	67,5	100	132
E9 I 40-40/120	40	63	40	76	85	85	67,5	120	152
E9 I 50-50/120	50	78	50	85	100	100	73.5	120	160

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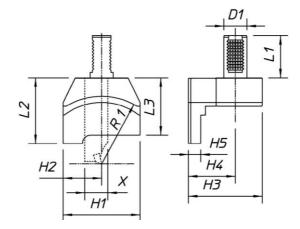
Per troncatura For parting Pour coupure Für Trennen



Codice code - code - Bestell Nr.	D1	L1	Х	H1	H2	НЗ	H4	Н5	L2	L3	R1	
E9 T 20-26	20	40	26	94	47	95	60	15,5	85,5	75	88	
E9 T 30-26	30	55	26	100	50	95	60	15,5	85,5	75	88	
E9 T 30-32	30	55	32	100	50	95	60	15,5	85,5	75	88	
E9 T 40-26	40	63	26	100	50	95	60	15,5	85,5	75	88	
E9 T 40-32	40	63	32	100	50	95	60	15,5	88,5	78	88	

E9 TR

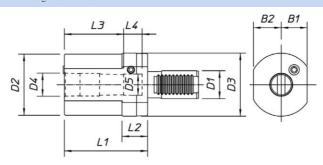
Portautensile VDI VDI toolholder Porte-outil VDI VDI Werkzeughalter Per troncatura For parting Pour coupure Für Trennen Rovesciato Upside-down Renversé Überkopf



Codice code - code - Bestell Nr.												
50a100 00a0 00a0 Daston 1111	D1	L1	Χ	H1	H2	Н3	H4	H5	L2	L3	R1	
E9 TR 20-26	20	40	26	94	47	95	60	15,5	85,5	75	88	
E9 TR 30-26	30	55	26	100	50	95	60	15,5	85,5	75	88	
E9 TR 30-32	30	55	32	100	50	95	60	15,5	85,5	75	88	
E9 TR 40-26	40	63	26	100	50	95	60	15,5	85,5	75	88	
E9 TR 40-32	40	63	32	100	50	95	60	15,5	88,5	78	88	



Con sede conica With taper seat Avec siège conique Mit Kegelaufnahme

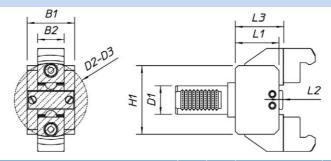


Codice code - code - Bestell Nr.	D1	D2	D3	D4	D5	B1	В2	L1	L2	L3	L4	СМ
F 20 MK-D1	20	-	50	12,065	13,5	-	23	23	-	16	12	1
F 30 MK-D1	30	-	68	12,065	13,5	28	30	27	-	16	12	1
F 30 MK-D2	30	-	68	17,780	19,5	28	30	27	-	20	12	2
F 30 MK-D3	30	66	68	23,825	23	28	30	90	27	64	20	3
F 40 MK-D1	40	55	83	12,065	13,5	32,5	-	36	22	16	12	1
F 40 MK-D2	40	55	83	17,780	19,5	32,5	-	36	22	20	12	2
F 40 MK-D3	40	58	83	23,825	24,5	32,5	-	36	22	30	12	3
F 40 MK-D4	40	68	83	31,267	32	32,5	-	80	22	40	14	4
F 50 MK-D2	50	55	98	17,780	19,5	35	-	36	30	20	12	2
F 50 MK-D3	50	58	98	23,825	24,5	35	-	36	30	30	12	3
F 50 MK-D4	50	68	98	31,267	32	35	-	50	30	40	14	4
F 60 MK-D3	60	58	123	23,825	24,5	42,5	-	36	30	30	12	3
F 60 MK-D4	60	68	123	31,267	32	42,5	-	50	30	40	14	4
F 60 MK-D5	60	98	123	44,399	44	42,5	-	63	30	52	16	5

VDI

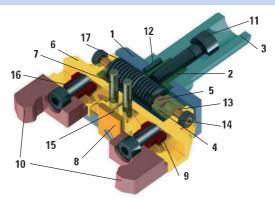
H1

Stringibarra VD VDI bar clamp Serre barre VDI VDI Stangengreifer



Codice code code Bestell Nr.									
	D1	D2	D3	B1	B2	H1	L1	L2	L3
H1 20/72	20	6÷56	54÷110	50	28	72	46	4	51
H1 20/110	20	10÷60	54÷110	60	28	110	48	4	53
H1 30/72	30	6÷56	54÷110	50	28	72	46	4	51
H1 30/110	30	10÷60	54÷110	60	28	110	48	4	53
H1 40/72	40	6÷56	54÷110	50	28	72	46	4	51
H1 40/110	40	10÷60	54÷110	60	28	110	48	4	53
H1 50/130	50	10÷75	62÷125	65	28	130	67	5	73
H1 60/130	60	10÷75	62÷125	65	28	130	67	5	73

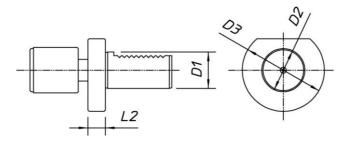
Componenti per stringibarra VD Spare parts for VDI bar clamp Pièce de rechange pour serre barre VD Ersatzteile für VDI Stangengreifer



Codice - code code - Bestell Nr.	Articolo article - article - Artikel	Dimensioni - dimensions - dimensions - Masse
H1-1	Corpo - body - corps - Körper	110, 130
H1-2	Bussola - sleeve - douille - Buchse	Ø 12, 16, 20
H1-3	Gambo - shank - queue - Schaft	VDI 20, 30, 40, 50, 60
H1-4	Bussola - sleeve - douille - Buchse	Ø 15, 20
H1-5	Perno - pin - pivot - Zapfen	Ø 8X44, Ø 8X60, Ø 10X68
	Coppia basi griffe - jaw base pair -	
H1-6	couple de bases pour mâchoires -	48X28, 54X28, 64X30
	Spannbackaufnahme paarung	
∐1_7	Perno di snodo - fulcrum pin - joint -	Ø 6X50, Ø 6X60, Ø 8X65
111-7	Drehzapfen	D 0/130, D 0/100, D 0/103
H1-8	Coperchio - cover - couvercle - Deckel	50X20, 60X20, 65X25
H1-9	Dado - nut - écrou - Mutter	M8, M10
H1_10	Coppia griffe - jaw pair -	Chiusura - clamping - serrage - Klemmung
111-10	couple de mâchoires - Spannbackepaarung	Ø 6÷56, Ø 10÷60, Ø 10÷75, Ø 54÷110, Ø 62÷125
	code - Bestell Nr. H1-1 H1-2 H1-3 H1-4 H1-5 H1-6 H1-7	code - Bestell Nr. H1-1 Corpo - body - corps - Körper H1-2 Bussola - sleeve - douille - Buchse H1-3 Gambo - shank - queue - Schaft H1-4 Bussola - sleeve - douille - Buchse H1-5 Perno - pin - pivot - Zapfen Coppia basi griffe - jaw base pair - couple de bases pour mâchoires - Spannbackaufnahme paarung H1-7 Perno di snodo - fulcrum pin - joint - Drehzapfen H1-8 Coperchio - cover - couvercle - Deckel H1-9 Dado - nut - écrou - Mutter Coppia griffe - jaw pair -

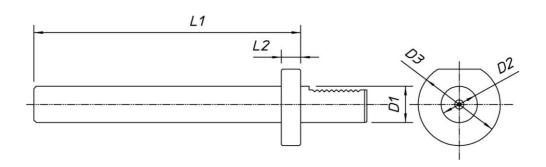
11÷17 Articoli standard disponibili presso rivenditori - Standard articles available in retail shops - Eléments standard retrouvables chez ventes au détail - Standardeinzelheiten von Kleinhändlern verkauft

Fermobarra VD	Regolabile	Ammortizzato
VDI stop bar	Adjustable	Damped
Porte-outil VDI à butée	Réglable	Amortie
VDI Stangenanschlag	Vestellbar	Gedämpft



Codice	code - code - Bestell Nr.				
000.00		D1	D2	D3	L2
L2 20		20	42	50	16
L2 30		30	42	68	16
L2 40		40	42	83	22
L2 50		50	42	98	30

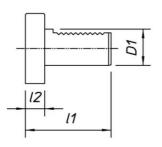


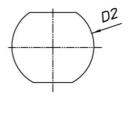


Codice code - code - Bestell Nr.	D1	D2	D3	L1	L2				
Y 16	16	20	40	195	13				
Y 20	20	30	50	221	16				
Y 30	30	30	68	221	16				
Y 40	40	40	83	225	20				
Y 50	50	40	98	225	20				
Y 60	60	40	123	225	20				

VDI

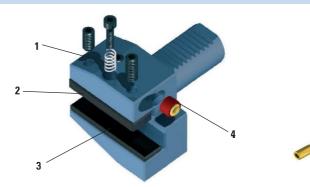
Tappo VD VDI plug Bouchon VDI VDI Verschlußstopfen





Acciaio - Steel - Acier - Stahl Codice - code - code - Bestell Nr.	D1	D2	L1	L2	Plastica - Plastic - Plastique - Kunststoff Codice - code - code - Bestell Nr.
Z2-16	16	40	40	12	Z2P-16
Z2-20	20	50	50	12	Z2P-20
Z2-30	30	68	65	16	Z2P-30
Z2-40	40	83	74	20	Z2P-40
Z2-50	50	98	88	20	Z2P-50
Z2-60	60	123	96	20	Z2P-60

Componenti per portautensili VD Spare parts for VDI toolholders Pièces de rechange pour porte-outils VD Ersatzteile für VDI Werkzeughalter

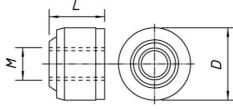


N°	Codice - code code - Bestell Nr.	Articolo article article
1	1102	Molla - spring - ressort - Feder
2	PB	Piastrina di bloccaggio - stop plate - plaque de serrage - Sperrplatte
3	PR	Piastrina di riduzione - reducing plate - plaque de réduction - Reduzierplatte
4	Z3	Ugello di refrigerazione - Cooling noozle - Tuyère de réfrigération - Kühlmitteldüse
5	Z1	Kit di 12 prolunghe per ugello di refrigerazione - Kit of 12 cooling noozle extensions -
		Set de 12 rallonges pour tuyère de réfrigération - Bestell von 12 Verlängerungen für Kühlmitteldüse

Ugello di refrigerazione

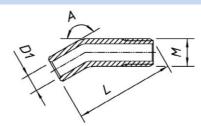
Cooling noozle Tuyère de réfrigération

Kühlmitteldüse



Codice code code Bestell Nr.	D	L	M					
Z3-8	8	6	4					
Z3-12	12	8	5					
Z3-14	14	9	8					

Kit di 12 prolunghe per ugello di refrigerazione Kit of 12 cooling noozle extensions Set de 12 rallonges pour tuyère de réfrigération Bestell von 12 Verlängerungen für Kühlmitteldüse



Codice - code - code - Bestell Nr.	М	D1	L	А					
Z1-4	4	2,5	19	150°					
Z1-5	5	3	24	150°					
Z1-8	8	5	29	150°					

Z3

Z1



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