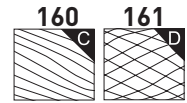


Fresas Rotativas Rotary Burrs • Fraises Limes

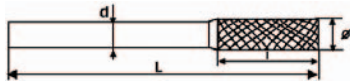


403 160-161 Metal Duro Integral | NORMA FABRICA

APLICACIONES

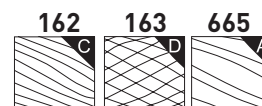


ACEROS < 1200 N/mm²
 FUNDICIÓN < 800 N/mm²
 INOXIDABLE < 1150 N/mm²
 LATON < 500 N/mm²



403 160				
Ø	€	L	l	d
4	17,85	14	50	6
6	17,85	16	50	6
8	21,51	20	65	6
10	24,30	20	65	6
12	32,26	25	70	6
16	45,81	25	70	6
16	45,81	25	70	8
20	66,85	25	70	6
20	66,85	25	70	8

403 161				
Ø	€	L	l	d
4	21,31	14	50	6
6	21,31	16	50	6
8	25,60	20	65	6
10	28,81	20	65	6
12	38,70	25	70	6
16	54,38	25	70	8
16	54,38	25	70	6
20	80,18	25	70	8
20	80,18	25	70	6



403 162-163-665 Metal Duro Integral | NORMA FABRICA

APLICACIONES



ACEROS < 1200 N/mm²
 INOXIDABLES < 1150 N/mm²
 ALUMINIO < 610 N/mm²



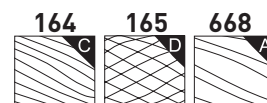
403 162				
∅	€	L	l	d
4	19,58	14	50	6
6	19,58	16	50	6
8	23,44	20	65	6
10	26,66	20	65	6
12	35,48	25	70	6
16	50,51	25	70	6
16	50,51	25	70	8
20	73,53	25	70	6

403 163				
∅	€	L	l	d
4	23,44	14	50	6
6	23,44	16	50	6
8	28,16	20	65	6
10	31,83	20	65	6
12	42,57	25	70	6
16	60,40	25	70	6
16	60,40	25	70	8
20	87,92	25	70	6
20	87,92	25	70	8

403 665				
∅	€	L	l	d
10	31,83	20	65	6
12	42,57	25	70	6
16	60,41	25	70	6
20	87,92	25	70	6



Fresas Rotativas Rotary Burrs • Fraises Limes

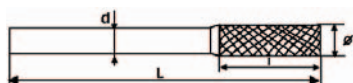


403 164-165-668 Metal Duro Integral | NORMA FABRICA

APLICACIONES



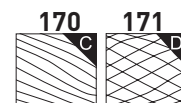
ACEROS < 1200 N/mm²
INOXIDABLES < 1150 N/mm²
ALUMINIO < 610 N/mm²



403 164				
Ø	€	L	I	d
4	19,36	14	50	6
6	19,36	16	50	6
8	24,53	20	65	6
10	27,96	20	65	6
12	39,57	25	70	6
16	51,80	25	70	6
16	51,80	25	70	8
20	77,82	25	70	6
20	77,82	25	70	8

403 165				
Ø	€	L	I	d
4	23,23	14	50	6
6	23,23	16	50	6
8	29,03	20	65	6
10	33,33	20	65	6
12	47,51	25	70	6
16	62,13	25	70	6
16	62,13	25	70	8
20	93,08	25	70	6
20	93,08	25	70	8

403 668				
Ø	€	L	I	d
10	33,33	20	65	6
12	47,51	25	70	6
16	62,14	25	70	6
20	93,08	25	70	6



403 170-171 Metal Duro Integral | NORMA FABRICA

APLICACIONES



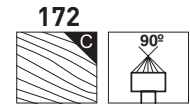
ACEROS < 1200 N/mm²
INOXIDABLES < 1150 N/mm²



403 170				
∅	€	L	l	d
4	19,16	12	50	6
6	19,16	16	50	6
8	20,22	18	63	6
10	23,44	20	65	6
12	28,38	25	70	6
16	38,26	25	70	6
16	38,26	25	70	8
20	51,80	25	70	6
20	51,80	25	70	8

403 171				
∅	€	L	l	d
4	23,02	12	50	6
6	23,02	16	50	6
8	24,30	18	63	6
10	27,96	20	65	6
12	33,98	25	70	6
16	46,66	25	70	6
16	46,66	25	70	8
20	62,35	25	70	6
20	62,35	25	70	8

Fresas Rotativas Rotary Burrs • Fraises Limes

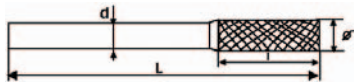


403 172 Metal Duro Integral | NORMA FABRICA

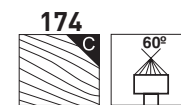
APLICACIONES



ACEROS < 1200 N/mm²
INOXIDABLES < 1150 N/mm²



403 172			
Ø	e	L	d
4	16,15	50	6
6	16,15	50	6
8	17,01	53	6
10	19,36	55	6
12	24,30	57	6
16	28,38	59	6
16	28,38	59	8
20	40,42	65	8



403 174 Metal Duro Integral | NORMA FABRICA

APLICACIONES

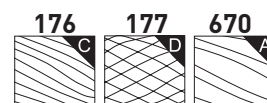


ACEROS < 1200 N/mm²
INOXIDABLES < 1150 N/mm²



403 174			
Ø	€	L	d
4	16,79	50	6
6	16,79	50	6
8	17,85	53	6
10	20,22	55	6
12	25,15	57	6
16	30,75	59	8
16	30,75	59	6
20	44,30	61	8

Fresas Rotativas Rotary Burrs • Fraises Limes



403 176-177-670 Metal Duro Integral | NORMA FABRICA

APLICACIONES



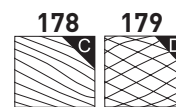
ACEROS < 1200 N/mm²
 FUNDICIÓN < 800 N/mm²
 INOXIDABLE < 1150 N/mm²
 LATON < 500 N/mm²



403 176				
Ø	€	L	l	d
4	20,88	16	50	6
6	20,88	20	50	6
8	26,89	20	65	6
10	32,70	20	65	6
12	39,78	25	70	6
16	60,21	30	75	6
16	60,21	30	75	8
20	92,01	32	77	6
20	92,01	32	77	8

403 177				
Ø	€	L	l	d
4	24,93	16	50	6
6	24,93	20	50	6
8	32,04	20	65	6
10	39,13	20	65	6
12	47,51	25	70	6
16	72,02	30	75	6
16	72,02	30	75	8
20	109,85	32	77	6
20	109,85	32	77	8

403 670				
Ø	€	L	l	d
10	39,13	20	65	6
12	47,51	25	70	6
16	72,02	30	75	8
20	109,85	32	77	8

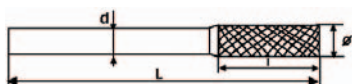


403 178-179 Metal Duro Integral | NORMA FABRICA

APLICACIONES



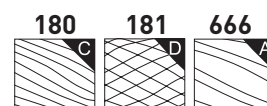
ACEROS < 1200 N/mm²
 FUNDICIÓN < 800 N/mm²
 INOXIDABLE < 1150 N/mm²
 LATON < 500 N/mm²



403 178				
∅	€	L	l	d
4	21,94	14	50	6
6	21,94	18	50	6
8	22,58	18	63	6
10	26,66	20	65	6
12	31,41	25	70	6
16	46,23	30	75	6
16	46,23	30	75	8
20	87,27	30	75	6

403 179				
∅	€	L	l	d
4	26,43	14	50	6
6	26,43	18	50	6
8	27,11	18	63	6
10	32,04	20	65	6
12	37,64	25	70	6
16	55,68	30	75	6
16	55,68	30	75	8
20	104,90	30	75	6

Fresas Rotativas Rotary Burrs • Fraises Limes

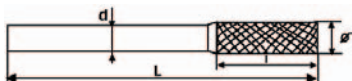


403 180-181-666 Metal Duro Integral | NORMA FABRICA

APLICACIONES



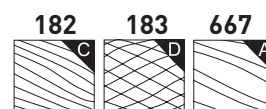
ACEROS < 1200 N/mm²
 FUNDICIÓN < 800 N/mm²
 INOXIDABLE < 1150 N/mm²
 LATON < 500 N/mm²



403 180				
Ø	€	L	I	d
4	20,01	6	50	6
6	20,01	10	50	6
8	22,15	13	58	6
10	26,66	16	61	6
12	32,04	20	65	6
16	46,23	25	70	6
16	46,23	25	70	8
20	73,31	25	70	6

403 181				
Ø	€	L	I	d
4	24,09	6	50	6
6	24,09	10	50	6
8	26,66	13	58	6
10	32,04	16	61	6
12	38,26	20	65	6
16	55,68	25	70	6
16	55,68	25	70	8
20	87,92	25	70	6
20	87,92	25	70	8

403 666				
Ø	€	L	I	d
10	32,05	16	61	6
12	38,26	20	65	6
16	38,26	25	70	8
20	55,68	30	70	8

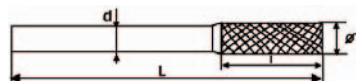


403 182-183-667 Metal Duro Integral | NORMA FABRICA

APLICACIONES



ACEROS < 1200 N/mm²
 FUNDICIÓN < 800 N/mm²
 INOXIDABLE < 1150 N/mm²
 LATON < 500 N/mm²

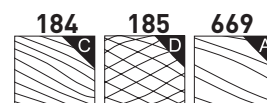


403 182				
∅	€	L	l	d
4	22,79	14	50	6
6	22,79	18	50	6
8	23,87	18	63	6
10	28,38	20	65	6
12	33,98	25	70	6
16	48,58	30	75	6
16	48,58	30	75	8
20	90,07	30	75	6

403 183				
∅	€	L	l	d
4	27,52	14	50	6
6	27,52	18	50	6
8	28,60	18	63	6
10	33,98	20	65	6
12	40,63	25	70	6
16	58,05	30	75	6
16	58,05	30	75	8
20	107,91	30	75	6
20	107,91	30	75	8

403 667				
∅	€	L	l	d
10	34,32	20	65	6
12	40,63	25	70	6
16	58,05	30	75	8
20	107,92	30	75	8

Fresas Rotativas Rotary Burrs • Fraises Limes



403 184-185-669 Metal Duro Integral | NORMA FABRICA

APLICACIONES



ACEROS < 1200 N/mm²
 FUNDICIÓN < 800 N/mm²
 INOXIDABLE < 1150 N/mm²
 LATON < 500 N/mm²



403 184				
Ø	€	L	l	d
4	19,36	3	50	6
6	19,36	5	50	6
8	20,22	7	52	6
10	23,43	9	54	6
12	28,38	10	55	6
16	40,42	14	59	6
16	40,42	14	59	8
20	64,49	18	63	6
20	64,49	18	63	8

403 185				
Ø	€	L	l	d
4	23,23	3	50	6
6	23,23	5	50	6
8	24,30	7	52	6
10	28,16	9	54	6
12	33,98	10	55	6
16	48,39	14	59	6
16	48,39	14	59	8
20	77,39	18	63	6
20	77,39	18	63	8

403 669				
Ø	€	L	l	d
10	28,17	9	54	6
12	33,98	10	55	6
16	48,39	14	59	8
20	77,40	18	63	8

Expositor de METACRILATO

Cod. 10300070010

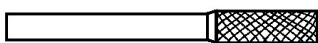


PVP: 905,81 €

Composición

Referencia	Diámetro
162	4 / 5 / 6 / 8 / 10 / 12 / 16
176	4 / 5 / 6 / 8 / 10 / 12 / 16
164	4 / 5 / 6 / 8 / 10 / 12 / 16
184	4 / 5 / 6 / 8 / 10 / 12 / 16
178	4 / 5 / 6 / 8 / 10 / 12 / 16
182	4 / 5 / 6 / 8 / 10 / 12 / 16

Estuche de PLÁSTICO



103160	PVP: 173,96 €	1 x 103163 1 Ø 12 1 x 103165 1 Ø 12 1 x 103179 1 Ø 12 1 x 103183 1 Ø 12 1 x 103185 1 Ø 12	
7 0002			

Expositor de METACRILATO

Cod. 10300070010

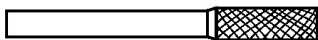


PVP: 905,81 €

Composición

Referencia	Diámetro
162	4 / 5 / 6 / 8 / 10 / 12 / 16
176	4 / 5 / 6 / 8 / 10 / 12 / 16
164	4 / 5 / 6 / 8 / 10 / 12 / 16
184	4 / 5 / 6 / 8 / 10 / 12 / 16
178	4 / 5 / 6 / 8 / 10 / 12 / 16
182	4 / 5 / 6 / 8 / 10 / 12 / 16

Estuche de PLÁSTICO



103160	PVP: 173,96 €	1 x 103163 1 Ø 12 1 x 103165 1 Ø 12 1 x 103179 1 Ø 12 1 x 103183 1 Ø 12 1 x 103185 1 Ø 12	
7 0002			



Microfresas | Metal Duro Integral

APLICACIONES



ACEROS < 1200 N/mm²
INOXIDABLE < 1150 N/mm²



		∅	ε	L	l	d
403205		3	8,83	14	38	3
403206		3	11,19	14	38	3
403207		3	10,75	3	38	3
403208		3	11,19	12	38	3
403209		3	11,19	12	38	3
403210		3	8,40	2	38	3
403211		3	11,19	6	38	3
403212		3	11,19	2,5	38	3
403213		3	11,19	12	38	3
403214		3	11,19	14	38	3



Microfresas | Metal Duro Integral

APLICACIONES



ACEROS < 700 N/mm²
FUNDICIÓN < 800 N/mm²
LATON < 500 N/mm²

		∅	ε	L	l	d
403215		3	10,75	14	38	3
403216		3	13,34	14	38	3
403217		3	12,69	3	38	3
403218		3	13,34	12	38	3
403219		3	13,34	12	38	3
403220		3	13,34	2	38	3
403221		3	13,34	6	38	3
403222		3	13,34	2,5	38	3
403223		3	13,34	12	38	3
403224		3	13,34	14	38	3

