



Piping & Ducting

Piping Material



Piping for the transport of chips and dust (wood, paper, plastics ...), longitudinally crimped, with flanges at both ends for clamping

Senzimir-galvanized steel sheet, thickness $\varnothing \leq 300$ mm: 0,75 mm / $\varnothing > 300$ mm: 1,00 mm, automatic potential equalisation

Piping with other diameters available on request.

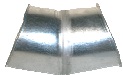
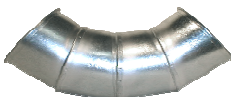
Heavy-duty piping material 2 mm as well as spiral ducts available upon request.

$\varnothing$ (mm)	Pipe, L = 990 mm  Article Number	Clamp, Heavy Duty  Article Number	Slip-on Type Flange  Article Number
80	100008	190108	100908
100	100010	190110	100910
120	100012	190112	100912
140	100014	190114	100914
160	100016	190116	100916
180	100018	190118	100918
200	100020	190120	100920
250	100025	190125	100925
300	100030	190130	100930
350	100035	190135	100935
400	100040	190140	100940
450	100045	190145	100945
500	100050	190150	100950
560	100056	190156	100956
630	100063	190163	100963

$\varnothing$ (mm)	Bracket with Rubber Washer for Ceiling Mounting  Article Number	Bracket with Base Plate and Spacer (Standard 250 mm)  Article Number	Solid Bracket for Ceiling Mounting, 16 mm  Article Number
80	10230801	104808	---
100	10231001	104810	10491010
120	10231201	104812	10491012
140	10231401	104814	10491014
160	10231601	104816	10491016
180	10231801	104818	10491018
200	10232001	104820	10491020
250	10232501	104825	10491025
300	10233001	104830	10491030
350	10233501	104835	10491035
400	10234001	104840	10491040
450	10234501	104845	10491045
500	10235001	104850	10491050
560	10235601	104856	10491056
630	10236301	104863	10491063



Piping Material / cont'd

$\emptyset$ (mm)	Pipe, 1.5 D 22.5° Bend*  Article Number	Pipe, 1.5 D 45° Bend  Article Number	Pipe, 1.5 D 90° Bend  Article Number
80	100308	100408	100508
100	100310	100410	100510
120	100312	100412	100512
140	100314	100414	100514
160	100316	100416	100516
180	100318	100418	100518
200	100320	100420	100520
250	100325	100425	100525
300	100330	100430	100530
350	100335	100435	100535
400	100340	100450	100540
450	100345	100445	100545
500	100350	100450	100550
560	100356	100456	100556
630	100363	100463	100563

* = Bend design: $\emptyset \leq 180$ mm pressed bend; $\emptyset \geq 200$ mm segmental bend

$\emptyset$ (mm)	Pipe, 1 D 22.5° Bend Article Number	Pipe, 1 D 45° Bend Article Number	Pipe, 1 D 90° Bend Article Number
80	100608	100708	100808
100	100610	100710	100810
120	100612	100712	100812
140	100614	100714	100814
160	100616	100716	100816
180	100618	100718	100818
200	100620	100720	100820
250	100625	100725	100825
300	100630	100730	100830
350	100635	100735	100835
400	100640	100740	100840
450	100645	100745	100845
500	100650	100750	100850
560	100656	100756	100856
630	100663	100763	100863

$\emptyset$ (mm)	Pipe, 2 D 22.5° Bend Article Number	Pipe, 2 D 45° Bend Article Number	Pipe, 2 D 90° Bend Article Number
80	1003082	1004082	1005082
100	1003102	1004102	1005102
120	1003122	1004122	1005122
140	1003142	1004142	1005142
160	1003162	1004162	1005162
180	1003182	1004182	1005182
200	1003202	1004202	1005202
250	1003252	1004252	1005252
300	1003302	1004302	1005302
350	1003352	1004352	1005352
400	1003402	1004402	1005402
450	1003452	1004452	1005452
500	1003502	1004502	1005502
560	1003562	1004562	1005562
630	1003632	1004632	1005632

Piping Material / cont'd

Ø	Inlet Pipe with Slip-on Flange	Flap Valve with Machine-Lip Flange	Pair Half Bush 2 mm, 100 mm wide
(mm)	Article Number	Article Number	Article Number
80	108108	1027087	1048081
100	108110	1027107	1048101
120	108112	1027127	1048121
140	108114	1027147	1048141
160	108116	1027167	1048161
180	108118	1027187	1048181
200	108120	1027207	1048201
250	108125	1027257	1048251
300	108130	1027307	1048301
350	108135	1027357	1048351
400	108140	1027407	1048401
450	108145	1027457	1048451
500	108150	1027507	1048501
560	108156	1027567	1048561
630	108163	1027637	1048631

Ø	Blast Gate NPG* pneumatic galvanized, w/o Control	Blast Gate NMG motor-driven galvanized, w/o Control	Blast Gate galvanized
(mm)	Article Number	Article Number	Article Number
80	---	108408	103008
100	110810	108410	103010
120	110812	108412	103012
140	110814	108414	103014
160	110816	108416	103016
180	110818	108418	103018
200	110820	108420	103020
250	110825	108425	103025
300	110830	108430	103030
350	110835	108435	103035
400	110840	108440	103040
450	110845	108445	103045
500	110850	108450	103050
560	110856	108456	103056
630	110863	---	103063

* = Art. No. is valid for 230 volts, please add '24' as end digits to the article number for 24 volts model

Piping Material / cont'd

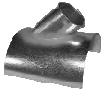
$\emptyset$	Blast Gate with Chain Hoist (5m) galvanized 	Diverter Valve, Pressure Side, manually operated, Heavy-Duty, Paint Finish not shown	Diverter Valve with Changeover Damper, Geared Motor, Paint Finish not shown
(mm)	Article Number	Article Number	Article Number
80	103108	---	---
100	103110	104310	104110
120	103112	104312	104112
140	103114	104314	104114
160	103116	104316	104116
180	103118	104318	104118
200	103120	104320	104120
250	103125	104325	104125
300	103130	104330	104130
350	103135	104335	104135
400	103140	104340	104140
450	103145	104345	104145
500	103150	104350	104150
560	103156	104356	104156
630	103163	104363	104163

$\emptyset \leq$	with one Tap 	Branch with Pipe Body with two Taps*  	with three Taps* 
(mm)	Article Number	Article Number	Article Number
80	101508	---	---
100	101510	101610	---
120	101512	101612	---
140	101514	101614	---
160	101516	101616	---
180	101518	101618	101718
200	101520	101620	101720
250	101525	101625	101725
300	101530	101630	101730
350	101535	101635	101735
400	101540	101640	101740
450	101545	101645	101745
500	101550	101650	101750
560	101556	101656	101756
630	101563	101663	101763

* = Please state if on one side or opposite to each other resp. supply drawing

$\emptyset \leq$	Collector, long with Socket (L = 90 mm) 		Bubble Cap Collector, round with Socket (L = 90 mm) 	
(mm)	Article Number	No. of sockets	Article Number	No. of sockets
160	102216	2	102116	2
200	102220	3	102120	3
300	102230	4	102130	4
400	102240	5	102140	5
500	102250	6	102150	6
560	102256	7	102156	7
630	102263	8	102163	8

Piping Material / cont'd

$\varnothing \leq$ (mm)	Trouser (Double-Wye) 	Saddle with Tap 	Blind Cover, galvanized 
	Article Number	Article Number	Article Number
80	---	---	100208
100	---	---	100210
120	---	---	100212
140	---	---	100214
160	101916	101916	100216
180	---	---	100218
200	101920	101920	100220
250	101925	101925	100225
300	101930	101930	100230
350	101935	101935	100235
400	101940	101940	100240
450	101945	101945	100245
500	101950	101950	100250
560	101956	101956	100256
630	101963	101963	100263

$\varnothing$ (mm)	Adapters (Standard Sizes) 
	Article Number
80 -> 100	102800
80 -> 120	102801
80 -> 140	102802
100 -> 120	102803
100 -> 140	102804
100 -> 160	102805
120 -> 140	102806
120 -> 160	102807
120 -> 180	102808
140 -> 160	102809
140 -> 180	102810
140 -> 200	102811
160 -> 180	102812
160 -> 200	102813
180 -> 200	102814
200 -> 250	102815
250 -> 300	102816
250 -> 350	102817
300 -> 350	102818

$\varnothing$ (mm)	Adapters (Special Sizes) Article Number
180	102618
200	102620
250	102625
300	102630
350	102635

Machine hood available on request, drawing required

$\varnothing$ (mm)	Flexible Connector for Suction and Pressure Side 
	Article Number
80	---
100	---
120	---
140	---
160	105816
180	105818
200	105820
250	105825
300	105830
350	105835
400	105840
450	105845
500	105850
560	105856
630	105863

$\varnothing$ (mm)	Machine Connectors 
	Article Number
80-82	102508
100-102	102510
120-122	102512
140-142	102514
160-162	102516
200-202	102520
250-252	102525
300-302	102530
350-352	102535

Piping Material / cont'd

Ø	Hose, PU Ignition-resistant 	Hose, PU light, for CNC 	PU Hose Heavy-Duty for Container Feed not shown
(mm)	Article Number	Article Number	Article Number
80	101008	102908	---
100	101010	102910	---
120	101012	102912	---
140	101014	102914	---
160	101016	102916	101416
180	101018	102918	101418
200	101020	102920	101420
250	101025	102925	101425
300	101030	102930	101430
350	101035	102935	101435
400	101040	102940	101440
450	101045	102945	101445
500	101050	---	---
560	---	---	---
630	---	---	---

Ø	Fitting Clamp for flexible Hose 	Fitting Clamp for flexible CNC Hose 	Container Connector not shown
(mm)	Article Number	Article Number	Article Number
80	101208	1012081	---
100	101210	1012101	---
120	101212	1012121	---
140	101214	1012141	---
160	101216	1012161	105418
180	101218	1012181	105420
200	101220	1012201	105425
250	101225	1012251	105430
300	101230	1012301	105435
350	101235	1012351	105440
400	101240	1012401	---
450	101245	1012451	---
500	101250	1012501	---
560	101256	---	---
630	101263	---	---

Ø	Swivel Pipes for CNC 	Swivel Pipes for CNC Ball Bearing - Heavy Duty 	Clamp Loop for PU Hose CNC 
(mm)	Article Number	Article Number	Article Number
200	104220	---	105120
250	104225	1042255	105125
300	104230	1042305	105130
350	104235	1042355	105135
400	104240	1042405	105140
450	104245	1042455	---
500	104250	---	---

Piping Material / cont'd

Ø	Rain Deflector with Bird Screen 	Bird Screen 	Pipe Cleaning Flap (Pipe L = 500 mm) 
(mm)	Article Number	Article Number	Article Number
80	---	---	---
100	690410	101810	103710
120	690412	101812	103712
140	690414	101814	103714
160	690416	101816	103716
180	690418	101818	103718
200	690420	101820	103720
250	690425	101825	103725
300	690430	101830	103730
350	690435	101835	103735
400	690440	101840	103740
450	690445	101845	103745
500	690450	101850	103750
560	690456	101856	103756
630	690463	101863	103763

Ø	Roof Ducts*, galvanized 	Dampers, galvanized 	Plate Silencer 
(mm)	Article Number	Article Number	Article Number
80	---	---	---
100	104410	690110	109510
120	104412	690112	---
140	104414	690114	---
160	104416	690116	109516
180	104418	690118	109518
200	104420	690120	109520
250	104425	690125	109525
300	104430	690130	109530
350	104435	690135	109535
400	104440	690140	109540
450	104445	690145	---
500	104450	690150	---
560	104456	690156	---
630	104463	690163	---

* = Please state roof pitch (angle)

Ø	Magnetic Separator not shown
(mm)	Article Number
200	10362001
250	10362501
300	10363001
350	10363501
400	10364001
450	10364501

ATTENTION: Horizontal Installation only

Accessories for Pipework & Installation

Article Number	Item
0972171	Mounting strip, 10 m
105106	Tensioning cable, galvanized, 6 mm
105108	Tensioning cable, galvanized, 8 mm
104759	Rail for trolley (104758), for ceiling mounting, ATTENTION: Drawing needed
104760	Trolley wagon for extraction applications with copy-milling machines, 800 x 3500 mm including 2 rails, 6000 mm, for ceiling mounting, ATTENTION: Drawing needed
104900	Retaining plate with distance tube, 500 mm, without half bushes
104910	Base for mounting bracket vertical, 2500 mm, without 4 half bushes
104920	Autostat (spring balancer) 3-5 kg
104921	Autostat (spring balancer) 4.5-7 kg
104922	Autostat (spring balancer) 13-17 kg
105613	Roll Tesamoll foam (10 m)
104900	Ceiling mounting plate with spacer pipe L = 500 mm w/o half-shells
105614	Roll Teflon sealing string (150 m)
105615	Roll Teflon sealing tape (12 m)
105612	Double ended roof bracket
105620	Mounting clip (i-profile-clip) 8 mm
052014	Cable clamp for cable Ø 6 mm, ATTENTION: 4 units per cable length required
0520516	Cable clamp for cable Ø 8 mm, ATTENTION: 4 units per cable length required
0521036	Spanner nut for cable Ø 6 mm
0521038	Spanner nut for cable Ø 8 mm
0232308080	Hanger bolt M 8 x 80
0232310100	Hanger bolt M 10 x 80
029598	Eyebolt M 8
0295910	Eyebolt M 10
039598	Eye nut M 8
0395910	Eye nut M 10
09588	Thread rod ST VZ 975-1 M 8
095816	Thread rod ST VZ 975-1 M 16
0974825	Distance bush for thread M 8 x 25 (hexagonal) SW 11
09741640	Distance bush for thread M 16 x 40 (hexagonal) galvanized SW 24
102900	Metering orifice Ø 10 mm in accordance
105020	Pipe fitting system Ø ≤ 200 mm , galvanized, consists of two fitting brackets max. spanning width 12 m supplied w/o tensioning cable and accessories
105031	Pipe fitting system Ø ≤ 300, galvanized, consists of two fitting brackets max. spanning width 12 m supplied w/o tensioning cable and accessories

Air Ventilation Ducting with Frame (SBM 30)



Ducts for aerial transport (e.g. clean return air).

Sendzimir-galvanized steel sheet, thickness 0,75 mm or 1,00 mm.

H x W (mm)	Ducting Element, L = 1250 mm  Article Number	Frame SBM 30 for Ducting  Article Number	Ducting Cover  Article Number
400 x 400	106330	106630	106750
500 x 500	106320	106620	106740
650 x 650	106321	106621	106741
400 x 700	106322	106622	106742
700 x 700	106323	106623	106743
800 x 800	106324	106624	106744
500 x 1000	106325	106625	106745
600 x 1000	106326	106626	106746
300 x 1200	106329	106629	106749
700 x 1300	106327	106627	106747
800 x 1500	106328	106628	106748

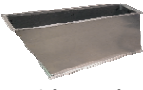
H x W (mm)	Ducting, 90° Bend Vertical  Article Number Ill. w/ baffle	Ducting, 45° Bend Vertical  Article Number Ill. w/ bird screen	Exhaust Duct, 90° Bend Vertical, with Bird Screen  Article Number
400 x 400	106530	106430	107330
500 x 500	106520	106420	107320
650 x 650	106521	106421	107321
400 x 700	106532	106432	107332
700 x 700	106523	106423	107323
800 x 800	106524	106424	107324
500 x 1000	106535	106435	107335
600 x 1000	106536	106436	107336
300 x 1200	106539	106439	---
700 x 1300	106537	106437	107337
800 x 1500	106538	106438	107338

H x W (mm)	Ducting, 90° Bend Horizontal  Article Number	Ducting, 45° Bend Horizontal  Article Number	Exhaust Duct, 90° Bend Horizontal, with Bird Screen not shown Article Number
700 x 700	106522	106422	107322
800 x 800	106525	106425	107325
1000 x 500	106526	106426	107326
1000 x 600	106529	106429	---
1300 x 700	106527	106427	107327
1500 x 800	106528	106428	107328

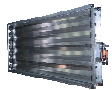
Air Ventilation Ducting / cont'd

H x W (mm)	T-Pipe with Dampers (HKP 180)*		
	Manual Operation Article Number	Electric Operation (open / closed) Article Number	Electric Operation (variable) Article Number
400 x 400	107730	101330	107130
500 x 500	107720	101320	107120
650 x 650	107721	101321	107121
400 x 700	107732	101332	107132
700 x 700	107723	101323	107123
800 x 800	107724	101324	107124
500 x 1000	107735	101335	107135
600 x 1000	107736	1013361	107136
700 x 1300	107737	101337	107137
800 x 1500	107738	101338	107138
700 x 400	107722	101322	107122
1000 x 500	107725	101325	107125
1000 x 600	107726	101326	107126
1300 x 700	107727	101327	107127
1500 x 800	107728	101328	107128

* = Parts listed above are delivered in type "left", for type "right" add 5 as last digit to the article number.

H x W (mm)	T-Pipe without Louvers not shown	Crosspiece 	Adapter Pipe* 
	Article Number	Article Number	Article Number
400 x 400	107030	106930	101460
500 x 500	107020	106920	101450
650 x 650	107021	106921	101451
400 x 700	107032	106932	101452
700 x 700	107023	106923	101453
800 x 800	107024	106924	101454
500 x 1000	107035	106935	101455
600 x 1000	107036	106936	101456
700 x 1300	107037	106937	101457
800 x 1500	107038	106938	101458
700 x 400	107022	106922	---
1000 x 500	107025	106925	---
1000 x 600	107026	106926	---
1300 x 700	107027	106927	---
1500 x 800	107028	106928	---

* = Drawing required

H x W (mm)	Manual Operation 	Damper (HKP 180) Electric Operation (open / closed) 	Electric Operation (variable) not shown
	Article Number	Article Number	Article Number
400 x 400	107530	108630	108830
500 x 500	107520	108620	108820
650 x 650	107521	108621	108821
400 x 700	107522	108622	108822
700 x 700	107523	108623	108823
800 x 800	107524	108624	108824
500 x 1000	107525	108625	108825
600 x 1000	107526	108626	108826
700 x 1300	107527	108627	108827
800 x 1500	107528	108628	108828

Air Ventilation Ducting / cont'd

H x W	Fire Flap with Certificate	Exhaust Pipe for Filter Paneling	Adapter Duct*
(mm)	Article Number	Article Number	Article Number
400 x 400	106006	107430	107980
500 x 500	106031	107420	107970
650 x 650	106032	107421	107971
400 x 700	106033	107422	107972
700 x 700	106034	107423	107973
800 x 800	106035	107424	107974
500 x 1000	106036	107425	107975
600 x 1000	106037	107426	107976
700 x 1300	106038	107427	107977
800 x 1500	106039	107428	107978

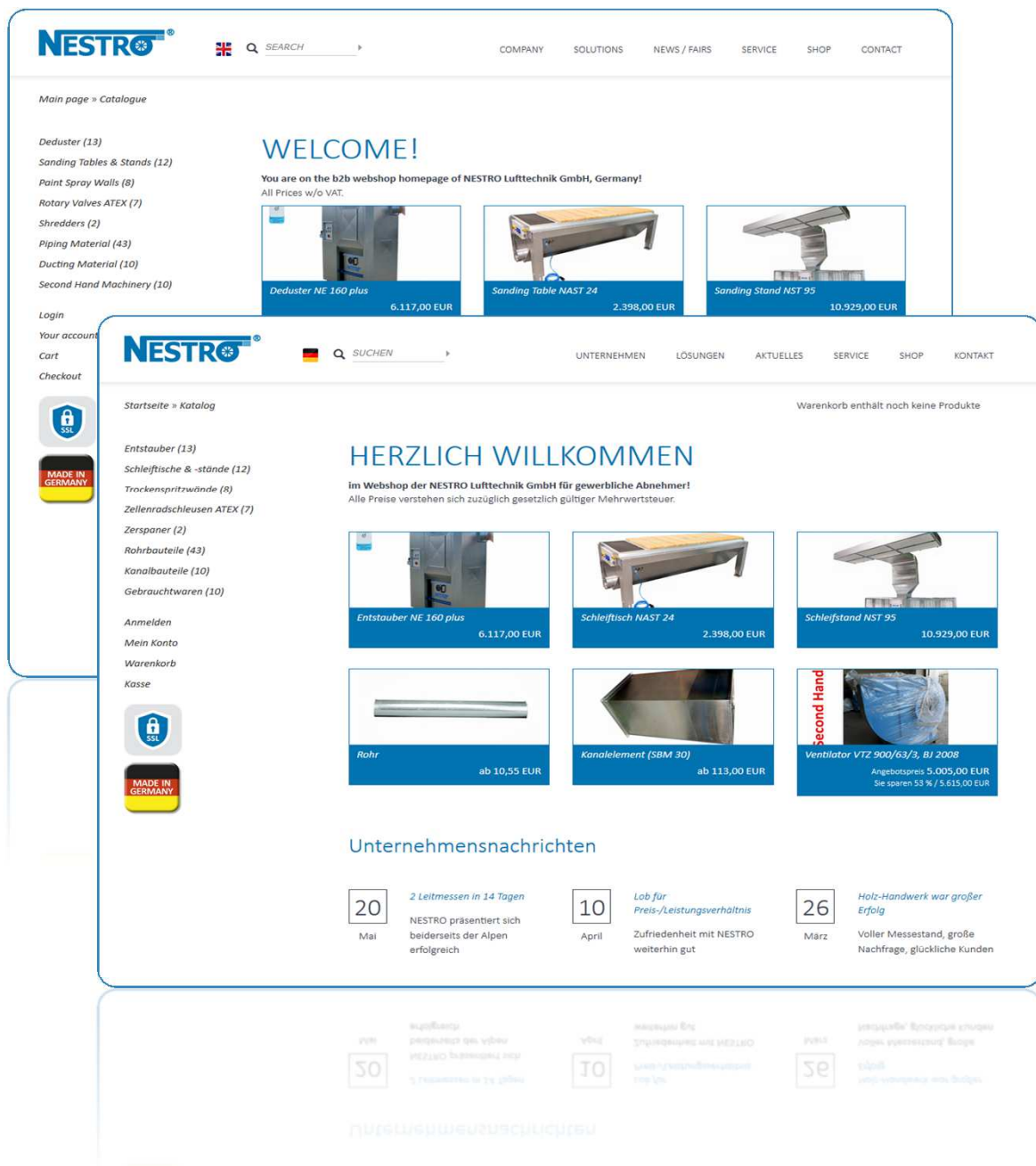
* = Drawing required

H x W	Bird Screen	Roof Duct for Return Air Pipe	Bracket for Ducting Galvanized Mounting Angel
(mm)	Article Number	Article Number	Article Number
400 x 400	107960	107830	690913
500 x 500	107950	107820	690936
650 x 650	107951	107821	690937
400 x 700	107952	107822	690914
700 x 700	107953	107823	690914
800 x 800	107954	107824	690938
500 x 1000	107955	107825	690915
600 x 1000	107956	107826	690915
700 x 1300	107957	107827	690976
800 x 1500	107958	107828	690917

H x W	Cover w/ Explosion Panel w/ Certificate	Return Air Outlet Unit, Duct from perforated Plate Volume Flow 0.5 m/s	
(mm)	Article Number	Article Number	Exhaust Area (m²)
400 x 400	106770	106230	2,00
500 x 500	106760	106220	2,50
650 x 650	106761	106221	3,25
400 x 700	106762	106222	2,75
700 x 700	106763	106223	3,50
800 x 800	106764	106224	4,00
500 x 1000	106765	106225	3,75
600 x 1000	106766	106226	4,00
700 x 1300	106767	106227	5,00
800 x 1500	106768	106228	5,75

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