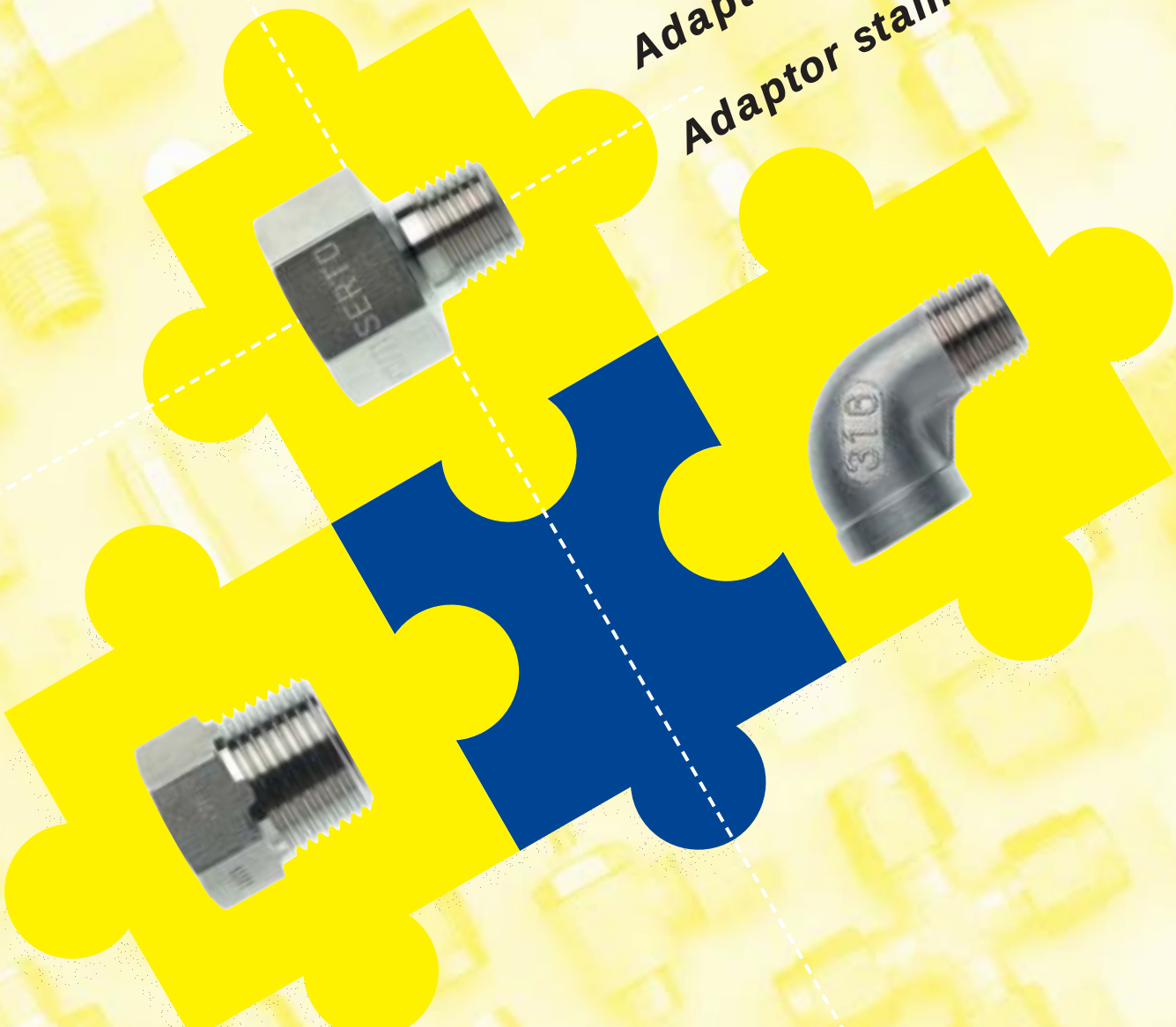
SERTO®

Programm

Adapter Edelstahl
Adaptateur acier inoxydable
Adaptor stainless steel



Adapter

Eigenschaften, Besonderheiten
- einfache Verbindungselemente mit Innen- und Aussengewinden, Anschlussstutzen
- zahlreiche Bauformen
- viele Kombinationsmöglichkeiten

Betriebsdruck
Nach DIN EN 10241 gefertigte Fittings – Innendruck min. 75 bar

Werkstoff
Gefertigte Fittings
Typ 50=1.4571

Formteile gegossen
Typ 51=1.4401 (AISI 316)

Adaptateur

Généralités
- éléments simples d'assemblage avec des filetages intérieurs et extérieurs, avec des pièces de raccordement
- grand nombre de formes de construction
- multiples possibilités de combinaisons de montages

Pression de service
Pour des raccords fabriqués selon DIN EN 10241 – pression interne min. 75 bar

Matériel
Raccords fabriqués
Type 50=1.4571

Pièces de fonte
Type 51=1.4401 (AISI 316)

Adaptor

Special characteristics
- simple connecting pieces with internal and external threads, nipples
- large number of construction versions
- many possible combinations

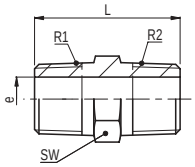
Operating pressure
For DIN EN 10241 manufactured fittings internal pressure of min. 75 bar

Material
Manufactured fittings
Type 50=1.4571

Investment casted parts
Type 51=1.4401 (AISI 316)

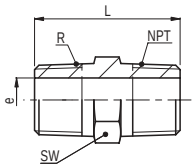
Doppelnippel DIN EN 10241
Mamelon double
Hex nipple AD HN 50

Type –R1–R2	SW	L	e	kg/100
AD HN 50 –⅛ –⅛	12	25.0	6.0	1.005
AD HN 50 –¼ –¼	14	31.0	8.0	1.979
AD HN 50 –⅜ –⅜	17	33.0	10.5	3.180
AD HN 50 –½ –½	22	43.0	13.0	6.749
AD HN 50 –¾ –¾	27	48.0	21.0	7.285
AD HN 50 –1 –1	36	52.0	26.0	13.822



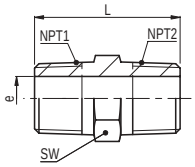
Übergangsnippel DIN EN 10241
Mamelon double inégale
Conversion hex nipple AD HN 50 NPT

Type –R –NPT	SW	L	e	kg/100
AD HN 50 –⅛ –⅛ NPT	12	25.0	6.0	1.067
AD HN 50 –¼ –¼ NPT	14	31.0	8.0	2.061
AD HN 50 –⅜ –⅜ NPT	17	33.0	10.5	3.260
AD HN 50 –½ –½ NPT	22	43.0	13.0	6.850
AD HN 50 –¾ –¾ NPT	27	48.0	21.0	7.371
AD HN 50 –1 –1 NPT	36	52.0	26.0	13.760



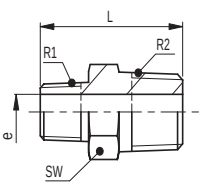
Doppelnippel DIN EN 10241
Mamelon double
Hex nipple AD HN 50 NPT – NPT

Type –NPT1 –NPT2	SW	L	e	kg/100
AD HN 50 –⅛ NPT –⅛ NPT	12	25.0	6.0	1.113
AD HN 50 –¼ NPT –¼ NPT	14	31.0	8.0	2.141
AD HN 50 –⅜ NPT –⅜ NPT	17	33.0	10.5	3.340
AD HN 50 –½ NPT –½ NPT	22	43.0	13.0	6.949
AD HN 50 –¾ NPT –¾ NPT	27	48.0	21.0	7.457
AD HN 50 –1 NPT –1 NPT	36	52.0	26.0	13.698



Doppelnippel reduziert
Mamelon double réduite
Hex reducing nipple AD HRN 50

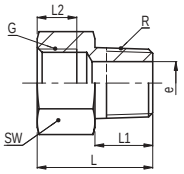
Type –R1–R2	SW	L	e	kg/100
AD HRN 50 –⅛ –¼	14	28.0	6.0	1.830
AD HRN 50 –⅛ –⅜	17	30.0	6.0	3.193
AD HRN 50 –⅛ –½	22	35.0	6.0	6.344
AD HRN 50 –¼ –⅜	17	33.0	8.0	3.308
AD HRN 50 –¼ –½	22	38.0	8.0	6.385
AD HRN 50 –⅜ –½	22	38.0	10.5	6.128
AD HRN 50 –½ –¾	27	46.5	13.0	11.548
AD HRN 50 –½ –1	36	48.5	13.0	20.172
AD HRN 50 –¾ –1	36	50.0	21.0	15.600



G = Rohrgewinde (zylindrisch) / Filetage-gaz BSP (cylindrique) / BSP pipe thread (straight) ISO 228
R = Rohrgewinde (kegelig) / Filetage-gaz BSP (conique) / BSP pipe thread (tapered) DIN 2999
NPT = Rohrgewinde (kegelig) / Filetage-gaz NPT (conique) / NPT pipe thread (tapered) ANSI B 1.20.1

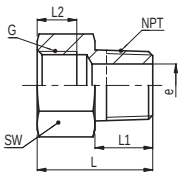
Adapter
Adaptateur
Adapter — AD A 50

Type –G –R	SW	L	L1	L2	e	kg/100
AD A 50 –⅛ –⅛	14	21.0	9.5	8.0	6.0	1.226
AD A 50 –¼ –¼	17	26.0	12.5	9.0	8.0	2.192
AD A 50 –⅜ –⅜	22	27.0	12.5	9.5	10.5	3.698
AD A 50 –½ –½	27	35.0	17.5	11.5	13.0	7.183
AD A 50 –¾ –¾	32	40.0	19.0	14.0	21.0	9.166
AD A 50 –1 –1	41	45.0	21.0	17.0	26.0	17.524



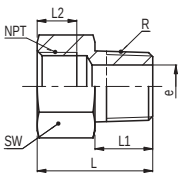
Übergangs-Adapter
Adaptateur inégale
Conversion Adapter — AD A 50 NPT

Type –G –NPT	SW	L	L1	L2	e	kg/100
AD A 50 –⅛ –⅛ NPT	14	21.0	9.5	8.0	6.0	1.277
AD A 50 –¼ –¼ NPT	17	26.0	12.5	9.0	8.0	2.271
AD A 50 –⅜ –⅜ NPT	22	27.0	12.5	9.5	10.5	3.786
AD A 50 –½ –½ NPT	27	35.0	17.5	11.5	13.0	7.280
AD A 50 –¾ –¾ NPT	32	40.0	19.0	14.0	21.0	9.252
AD A 50 –1 –1 NPT	41	45.0	21.0	17.0	26.0	17.482



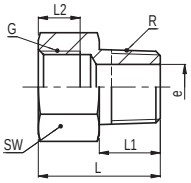
Übergangs-Adapter
Adaptateur inégale
Conversion Adapter — AD A 50 NPT

Type –NPT –R	SW	L	L1	L2	e	kg/100
AD A 50 –⅛ NPT –⅛	14	21.0	9.5	10.0	6.0	1.239
AD A 50 –¼ NPT –¼	17	29.0	12.5	14.0	8.0	2.424
AD A 50 –⅜ NPT –⅜	22	29.0	12.5	14.0	10.5	3.800
AD A 50 –½ NPT –½	27	38.0	17.5	18.0	13.0	8.108
AD A 50 –¾ NPT –¾	32	43.0	19.0	20.0	21.0	10.371
AD A 50 –1 NPT –1	36	45.0	21.0	23.0	26.0	12.020



Adapter reduziert
Adaptateur reduite
Reducing Adapter — AD RA 50

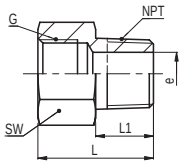
Type –G –R	SW	L	L1	L2	e	kg/100
AD RA 50 –¼ –⅛	17	23.0	9.5	9.0	6.0	1.776
AD RA 50 –⅜ –¼	22	28.0	12.5	9.5	8.0	3.586
AD RA 50 –½ –¼	27	31.0	12.5	11.0	8.0	5.815
AD RA 50 –½ –⅜	27	30.0	12.5	11.5	10.5	5.780
AD RA 50 –¾ –½	32	39.0	17.5	14.0	13.0	9.662
AD RA 50 –1 –½	41	45.0	17.5	17.0	13.0	18.781
AD RA 50 –1 –¾	41	45.0	19.0	17.0	21.0	17.126



G = Rohrgewinde (zylindrisch) / Filetage-gaz BSP (cylindrique) / BSP pipe thread (straight) ISO 228
R = Rohrgewinde (kegelig) / Filetage-gaz BSP (conique) / BSP pipe thread (tapered) DIN 2999
NPT = Rohrgewinde (kegelig) / Filetage-gaz NPT (conique) / NPT pipe thread (tapered) ANSI B 1.20.1

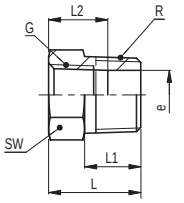
Übergangs-Adapter reduziert
Adaptateur inégale reduite
Conversion reducing adapter AD RA 50 NPT

Type –G –NPT	SW	L	L1	e	kg/100
AD RA 50 –¼ –⅛ NPT	17	23.0	9.5	6.0	1.827
AD RA 50 –⅜ –¼ NPT	22	28.0	12.5	8.0	3.666
AD RA 50 –½ –¼ NPT	27	31.0	12.5	8.0	5.895
AD RA 50 –½ –⅜ NPT	27	30.0	12.5	10.5	5.868
AD RA 50 –¾ –½ NPT	32	39.0	17.5	13.0	9.759
AD RA 50 –1 –¾ NPT	41	45.0	19.0	21.0	17.213



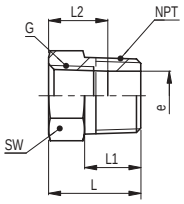
Reduziernippel DIN EN 10241
Réduction
Hex bushing AD RB 50

Type –G –R	SW	L	L1	L2	e	kg/100
AD RB 50 –⅛ –¼	14	18.5	12.5	8.0	8.6	1.139
AD RB 50 –⅛ –⅜	17	20.5	12.5	8.0	8.6	2.456
AD RB 50 –⅛ –½	22	25.5	17.5	8.0	8.6	5.502
AD RB 50 –¼ –⅜	17	20.5	12.5	9.0	11.4	1.798
AD RB 50 –¼ –½	22	25.5	17.5	9.0	11.4	4.693
AD RB 50 –¼ –¾	27	29.0	19.0	9.0	11.4	9.574
AD RB 50 –⅜ –½	22	25.5	17.5	9.5	15.0	3.939
AD RB 50 –⅜ –¾	27	29.0	19.0	9.5	15.0	7.647
AD RB 50 –⅜ –1	36	31.0	21.0	9.5	15.0	16.634
AD RB 50 –½ –¾	27	29.0	19.0	11.5	18.6	6.079
AD RB 50 –½ –1	36	31.0	21.0	11.5	18.6	14.496
AD RB 50 –¾ –1	36	31.0	21.0	14.0	24.1	10.487



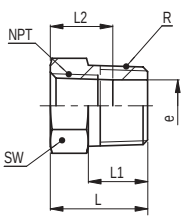
Übergangs-Reduziernippel DIN EN 10241
Réduction inégale
Conversion hex bushing AD RB 50 NPT

Type –G –NPT	SW	L	L1	L2	e	kg/100
AD RB 50 –⅛ –¼ NPT	14	18.5	12.5	8.0	8.6	1.220
AD RB 50 –⅛ –⅜ NPT	17	20.5	12.5	8.0	8.6	2.537
AD RB 50 –⅛ –½ NPT	22	25.5	17.5	8.0	8.6	5.600
AD RB 50 –¼ –⅜ NPT	17	20.5	12.5	9.0	11.4	1.879
AD RB 50 –¼ –½ NPT	22	25.5	17.5	9.0	11.4	4.791
AD RB 50 –¼ –¾ NPT	27	29.0	19.0	9.0	11.4	9.660
AD RB 50 –⅜ –½ NPT	22	25.5	17.5	9.5	15.0	3.490
AD RB 50 –½ –¾ NPT	27	29.0	19.0	11.5	18.6	6.165
AD RB 50 –¾ –1 NPT	36	31.0	21.0	14.0	24.1	10.445



Übergangs-Reduziernippel DIN EN 10241
Réduction inégale
Conversion hex bushing AD RB 50 NPT

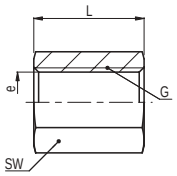
Type –NPT –R	SW	L	L1	L2	e	kg/100
AD RB 50 –⅛ NPT –¼	14	18.5	12.5	6.7	8.4	1.142
AD RB 50 –¼ NPT –⅜	17	20.5	12.5	10.2	10.8	1.869
AD RB 50 –¼ NPT –½	22	25.5	17.5	10.2	10.8	4.802
AD RB 50 –½ NPT –¾	27	29.0	19.0	13.5	17.7	6.418



G = Rohrgewinde (zylindrisch) / Filetage-gaz BSP (cylindrique) / BSP pipe thread (straight) ISO 228
R = Rohrgewinde (kegelig) / Filetage-gaz BSP (conique) / BSP pipe thread (tapered) DIN 2999
NPT = Rohrgewinde (kegelig) / Filetage-gaz NPT (conique) / NPT pipe thread (tapered) ANSI B 1.20.1

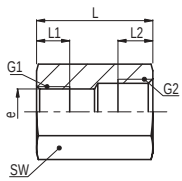
Sechskant Muffe DIN EN 10241
Manchon double
Hex coupling AD HC 50

Type –G	SW	L	e	kg/100
AD HC 50 –⅛ –⅛	17	17.0	8.6	2.278
AD HC 50 –¼ –¼	22	25.0	11.4	5.500
AD HC 50 –⅜ –⅜	22	26.0	15.0	4.391
AD HC 50 –½ –½	27	34.0	18.6	8.425
AD HC 50 –¾ –¾	32	36.0	24.1	10.686
AD HC 50 –1 –1	46	43.0	30.3	33.192



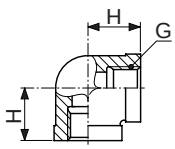
Sechskant Muffe reduziert DIN EN 10241
Manchon double reduite
Hex reducing coupling AD HRC 50

Type –G1–G2	SW	L	L1	L2	e	kg/100
AD HRC 50 –⅛ –¼	22	25.0	8.0	9.0	8.6	5.938
AD HRC 50 –⅛ –⅜	22	30.0	8.0	9.5	8.6	6.500
AD HRC 50 –⅛ –½	27	41.0	8.0	11.5	8.6	14.097
AD HRC 50 –¼ –⅜	22	29.0	9.0	9.5	11.4	5.746
AD HRC 50 –¼ –½	27	40.0	9.0	11.5	11.4	12.941
AD HRC 50 –⅜ –½	27	38.0	9.5	11.5	15.0	11.055
AD HRC 50 –½ –¾	32	41.0	11.5	14.0	18.6	15.200
AD HRC 50 –½ –1	46	51.0	11.5	17.0	18.6	48.706



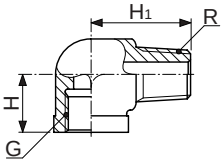
Aufschraub-Winkel
Coude double femelle
Female elbow AD FE 51

Type –G	H	kg/1
AD FE 51–⅛ –⅛	20.0	0.037
AD FE 51–¼ –¼	21.0	0.051
AD FE 51–⅜ –⅜	25.0	0.066
AD FE 51–½ –½	28.0	0.090
AD FE 51–¾ –¾	33.0	0.191
AD FE 51–1 –1	38.0	0.278



Einschraub-/Aufschraub-Winkel
Coude femelle – mâle
Street elbow AD SE 51

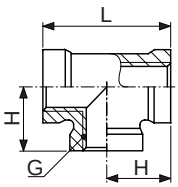
Type –G –R	H	H1	kg/1
AD SE 51 –⅛ –⅛	20.0	26.0	0.028
AD SE 51 –¼ –¼	21.0	30.0	0.036
AD SE 51 –⅜ –⅜	25.0	36.0	0.065
AD SE 51 –½ –½	28.0	41.0	0.112
AD SE 51 –¾ –¾	33.0	48.0	0.161
AD SE 51 –1 –1	38.0	54.0	0.256



G = Rohrgewinde (zylindrisch) / Filetage-gaz BSP (cylindrique) / BSP pipe thread (straight) ISO 228
R = Rohrgewinde (kegelig) / Filetage-gaz BSP (conique) / BSP pipe thread (tapered) DIN 2999
NPT = Rohrgewinde (kegelig) / Filetage-gaz NPT (conique) / NPT pipe thread (tapered) ANSI B 1.20.1

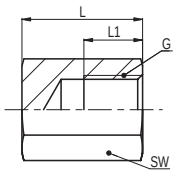
Aufschraub T
Té triple femelle
Female Tee — AD FT 51

Type –G	H	L	kg/1
AD FT 51 –⅛ –⅛ –⅛	20.0	40.0	0.030
AD FT 51 –¼ –¼ –¼	21.0	42.0	0.073
AD FT 51 –⅜ –⅜ –⅜	25.0	50.0	0.101
AD FT 51 –½ –½ –½	28.0	56.0	0.164
AD FT 51 –¾ –¾ –¾	32.0	64.0	0.225
AD FT 51 –1 –1 –1	38.0	76.0	0.370



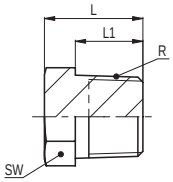
Rohrkappe DIN EN 10241
Capuchon femelle
Hex Cap — AD HCP 50

Type –G	SW	L	L1	kg/100
AD HCP 50 –⅛	17	19.0	8.0	2.757
AD HCP 50 –¼	22	24.0	9.0	5.932
AD HCP 50 –⅜	22	27.0	9.5	5.875
AD HCP 50 –½	27	37.0	11.5	12.700
AD HCP 50 –¾	32	38.0	14.0	16.363
AD HCP 50 –1	46	44.0	17.0	43.193



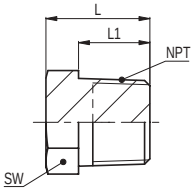
Verschlussstopfen 6kt DIN EN 10241
Bouchon mâle
Hex Plug — AD HP 50

Type –R	SW	L	L1	kg/100
AD HP 50 –⅛	12	15.5	9.5	1.017
AD HP 50 –¼	14	18.5	12.5	1.892
AD HP 50 –⅜	17	20.5	12.5	3.289
AD HP 50 –½	22	25.5	17.5	6.548
AD HP 50 –¾	27	29.0	19.0	11.671
AD HP 50 –1	36	31.0	21.0	20.534



Verschlussstopfen 6kt DIN EN 10241
Bouchon mâle
Hex Plug — AD HP 50 NPT

Type –NPT	SW	L	L1	kg/100
AD HP 50 –⅛ NPT	12	15.5	9.5	1.070
AD HP 50 –¼ NPT	14	18.5	12.5	1.973
AD HP 50 –⅜ NPT	17	20.5	12.5	3.370
AD HP 50 –½ NPT	22	25.5	17.5	6.647
AD HP 50 –¾ NPT	27	29.0	19.0	11.756
AD HP 50 –1 NPT	36	31.0	21.0	20.472



G = Rohrgewinde (zylindrisch) / Filetage-gaz BSP (cylindrique) / BSP pipe thread (straight) ISO 228
R = Rohrgewinde (kegelig) / Filetage-gaz BSP (conique) / BSP pipe thread (tapered) DIN 2999
NPT = Rohrgewinde (kegelig) / Filetage-gaz NPT (conique) / NPT pipe thread (tapered) ANSI B 1.20.1

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