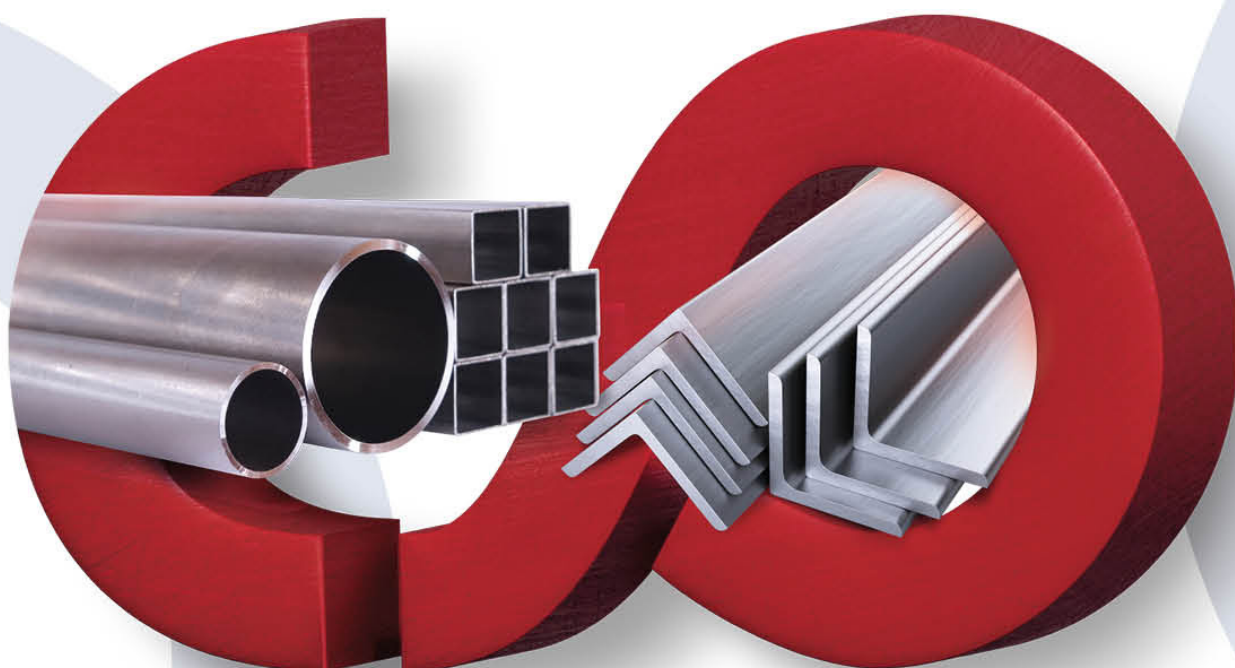




קטלוג מוצרים

יולי 2026



ברוכים הבאים למגט קונקט

החיבור המקצועי שלכם בעולם המתכות והנירוסטה

כבר למעלה מ-20 שנה שחברת קונקט מהווה את חוליית החיבור המרכזית והאמינה ביותר בין יצרני חומרי הגלם המובילים בעולם לבין התעשייה הישראלית. כחברה שחרטה על דגלה מצוינות, איכות ללא פשרות ושירותיות, הצבנו לעצמנו מטרה ברורה: להיות ה-"One Stop Shop" הוליסטי, הגדול והמוביל בישראל לאספקת מתכות, צנרת ואביזרי נירוסטה מתקדמים.

החברה עוסקת במתן פתרונות מתקדמים ומקצועיים מנירוסטה לתעשייה. אנו משווקים מגוון רחב של מוצרים, לרבות מוצרי צנרת ואביזרי נירוסטה, תוך הקפדה מרבית על איכות ועל סטנדרטים גבוהים ביותר. אנו גאים לשרת את החברות והמפעלים המובילים במשק במגוון רחב של מגזרים רגישים ואסטרטגיים, ביניהם: תעשיית המזון והחלב, כימיה ופטרוכימיה וכן תעשיות התעופה, החלל והביטחון.

מבין מוצרי הדגל של קונקט ניתן למצוא:

- ◀ צנרת נירוסטה בתקני: ASTM A270; DIN 11850; EN 10357 לתעשיית המזון והחלב
- ◀ צנרת נירוסטה בתקני: A213/269 למכשור
- ◀ צנרת ואביזרים מנירוסטה סקדיל 10/40 לתעשייה הכימית והפטרוכימית
- ◀ אביזרי וחיבורי צנרת מנירוסטה במגוון רחב של יישומים ותקנים
- ◀ צנרת עגולה, פרופילים מרובעים ומלבניים לקונסטרוקציות הנדסיות במבחר מידות
- ◀ ברזי נירוסטה לתהליכי יצור בתעשיות המזון, הכימיה והפטרוכימיה
- ◀ מוטות מלאים עגולים, שטוחים וזוויות מנירוסטה
- ◀ פחים מנירוסטה ואלומיניום במבחר מידות
- ◀ תעלות ופתחי ניקוז מנירוסטה לתעשיית המזון
- ◀ ציוד ייעודי ומשאבות ליקבים
- ◀ החברה מוסמכת לתקן AS9120B לספקים ומפיקים בתעשיית התעופה, חלל וביטחון וכן ISO9001:2015.
- ◀ מספר ספק במשרד הביטחון 0011039198.

היצרנים הטובים בעולם

חברת קונקט מייצגת בישראל את היצרנים המובילים בעולם

יצרנים מובילים ממדינות אירופה, ארה"ב ואסיה. קשרי הרכש ארוכי הטווח של חברת קונקט מאפשרים לה לייעל ולהוזיל משמעותית את עלויות הפרוייקטים בכל סדר גודל.

החזון שלנו

להיות ה-"One Stop Shop" הוליסטי הגדול והמוביל בישראל לאספקת מתכות וחומרי גלם, המעניק פתרונות שלמים במחיר אטרקטיבי, בזמן, במצוינות ובאיכות ללא פשרות.

ערכי הליבה שלנו:

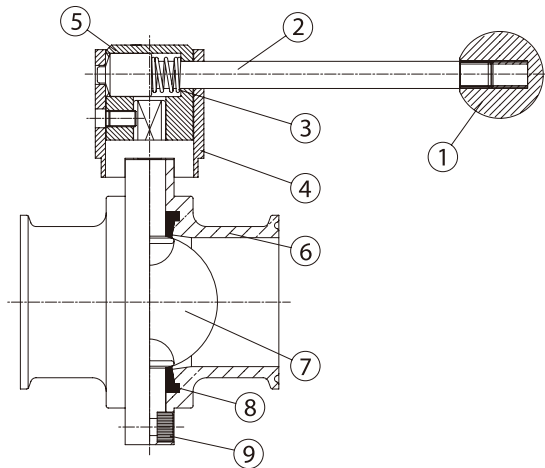
- ◀ **איכות ללא פשרות** הבסיס לכל פתרון הנדסי ותעשייתי. חומרי הגלם, מוצרי הנירוסטה והמתכות שלנו עומדים בתקנים המחמירים ביותר (כולל לתעשיות המזון, התעופה והביטחון), כדי להבטיח את השקט הנפשי שלכם.
- ◀ **מצוינות** עבורנו היא לא יעד אלא דרך חיים. אנו שואפים לסטנדרטים הגבוהים ביותר בכל מוצר, מחיר אטרקטיבי, תהליך אספקה ומענה הנדסי חכם המותאם בדיוק עבורכם.
- ◀ **אהבת הלקוח** הלקוחות שלנו הם הלב של הפעילות שלנו. אנו קשובים לצרכים הייחודיים של כל פרויקט ומחויבים להעניק יחס אישי, קשוב ומקצועי לכל לקוח ובכל קנה מידה.
- ◀ **גמישות ותגובתיות** התעשייה זזה מהר, ואנחנו זזים איתה. אנו מתאימים את עצמנו לצרכים המשתנים של השוק ומספקים מענה מהיר, יעיל וגמיש לכל אתגר ואספקה בזמן המבוקש.
- ◀ **שירותיות ושקיפות מלאה** קשרים ארוכי טווח נבנים על אמון. אנו דוגלים בשקיפות מלאה מול לקוחותינו לאורך כל שלבי העבודה ומעניקים מעטפת שירות רחבה, אמינה ומקצועית ללא פשרות.



תוכן עניינים

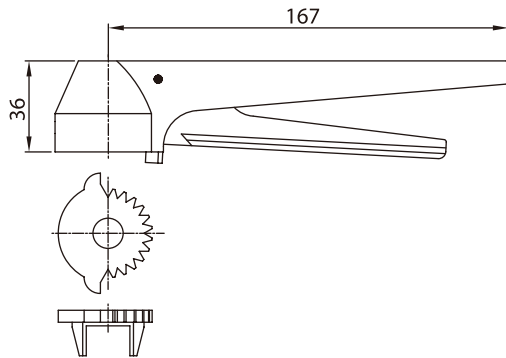
6	אביזרי מזון
38	מסנני קו
40	אביזרי צנרת הברגות BSP #150
49	שסטומי פרפר קונצנטריים בין אוגנים מסוג Wafer
51	אביזרי צנרת #3000
55	מחברים מהירים קמלוק BSP
57	אביזרי לחץ וברזים למיכשור
62	מחברי צנרת סקדיאל עם תפר ומחברי צנרת סקדיאל ללא תפר
68	ברזים כדוריים
75	מפעילים פניאומטיים
78	סולנואיד סליל
79	CARDINAL
80	אוגנים
84	KIESELMANN
92	ברזי כדור/ברזי דגימה/נשמים כדורי שטיפה לתעשיית היין
96	צנרת מזון
97	צנרת מיכשור
98	פרופילים, צנרת דקורטיבית צנרת סקדיאל
103	שטוחים, זוויות, מוטות מלאים מנירוסטה
105	פחים מנירוסטה ואלומיניום ופחים דקורטיביים
106	שסתומים וברזים עבור מכליות
108	פתחי אדם
111	מערכות ניקוז מתקדמות
118	חוטי ריתוך
119	חומרי ניקוי לנירוסטה
124	משאבות סניטריות לנוזלים לתעשיית המזון

ברז פרפר Range of Butterfly Valves



NO.	PARTS NAME
1	KNOB
2	STEEL-BAR
3	SPRING ST.ST
4	FIXED PIECE
5	HOLDER
6	BODY
7	DISC
8	EPDM RUBBER SEAT
9	SCREW BOLT

GRIPPER HANDLE 12 POSITION-G12 (NYLON & STAINLESS)



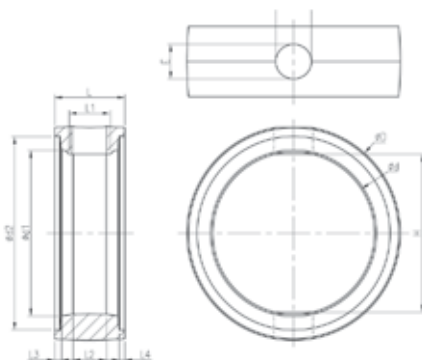
Torque for Full Open/Close

1.0"	< 9.8 N.m
1.5"	< 9.8 N.m
2.0"	13 N.m
2.5"	15 N.m
3.0"	20 N.m
4.0"	30 N.m
6.0"	70 N.m

*1kgf-m = 9.8 N.m = 86.8 lbf-in = 7.23 lbf-ft



אטמים להחלפה לברז פרפר

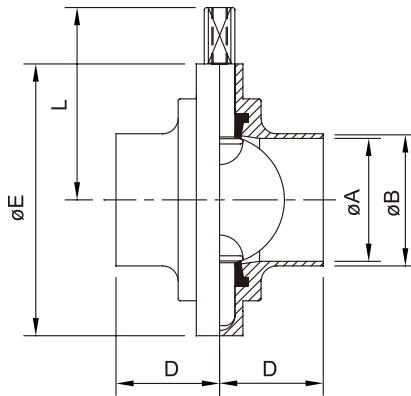


SIZE	d	d1	d2	D	L	L1	L2	L3	L4	H	E	F
1"	23	23.5	29.4	38.3	22.2	12.5	10	1.9	1.6	20.4	10.5	9.5
1-1/2"	36	36.4	44.2	50.7	21.2	12.5	10	2.4	2	34.3	10.5	9.5
2"	49	50	58.5	64.6	21.2	12.5	10	2	1.5	47.8	10.5	9.5
2-1/2"	60.5	61.5	69.1	78.5	27.6	16	13	2	1.5	59	12.5	11.5
3"	73	73.6	81	91.3	30.4	16	13	3	2.2	71.7	12.5	11.5
4"	100	101.6	112	121	33.2	16	13	3.4	2.8	99	12.5	11.5

unit:mm

* ניתן להזמין מידות שונות לפי דרישה

ברז פרפר קצוות ריתוך Butterfly Valve with Ferrule End



DIN WELD BUTTERFLY VALVE

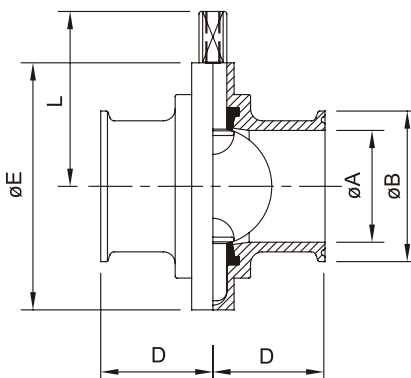
SIZE	ØA	ØB	D	ØE	L
DN28	25	28	34	79	61
DN34	31	34	38	85	64.3
DN40	37	40	38	90	74.3
DN50	49	52	40	105	77.6
DN65	66	70	41	125	84.8
DN85	81	85	42	137	91.6
DN104	100	104	44	157	101.7



3A WELD BUTTERFLY VALVE

SIZE	ØA	ØB	SIZE	ØA	ØB	D	ØE	L
1/2"	9.4	12.7	—	—	—	34	79	61
3/4"	15.75	19.05	—	—	—	34	79	61
1.0"	22.1	25.4	DN25	22.5	25	34	79	61
1.5"	34.8	38.1	DN38	35.4	38	38	85	64.3
2.0"	47.5	50.8	DN51	48.0	51	40	105	74.3
2.5"	60.2	63.5	DN63	60.2	63.5	40	112	77.6
3.0"	72.2	76.2	DN76	72.1	76.1	41	125	84.8
4.0"	97.6	101.6	DN104	100	104	44	157	101.7
6.0"	146.8	152.4	—	—	—	70	216.5	138.9

ברז פרפר קצוות פרול Butterfly Valve with Weld End



3A CLAMP BUTTERFLY VALVE

SIZE	ØA	ØB	D	ØE	L
1/2"	9.4	25.2	34	79	61
3/4"	15.75	25.2	34	79	61
1.0"	22.1	50.5	33	79	61
1.5"	34.8	50.5	33	85	64.3
2.0"	47.5	64.0	35	105	74.3
2.5"	60.2	77.5	35	112	77.6
3.0"	72.9	91.0	38	125	84.8
4.0"	97.4	119.0	38	157	101.7
6.0"	146.86	166.8	70	216.5	138.9

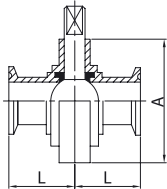


ברזי פרפר מפוקדים *

V. FARFALLA E. SM.
BUTTERFLY V. E. FR.

V. PAPILLON B. FR.
V. MARIPOSA E. SM.

K100 BV

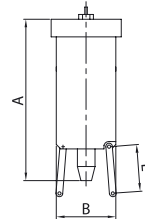


DN	A	L
1" 25	79,0	35,0
1 1/2" 38	85,0	36,0
2" 51	105,0	40,0
2 1/2" 63	112,0	40,0
3" 76	125,0	40,0
4" 101	157,0	45,0

C. PN. SE. VERTICALE
PN. ACT. SE. VERTICAL

VÉ. PN. SE. VERTICALE
CIL. NEUM. SE. VERTICAL

7C4 L

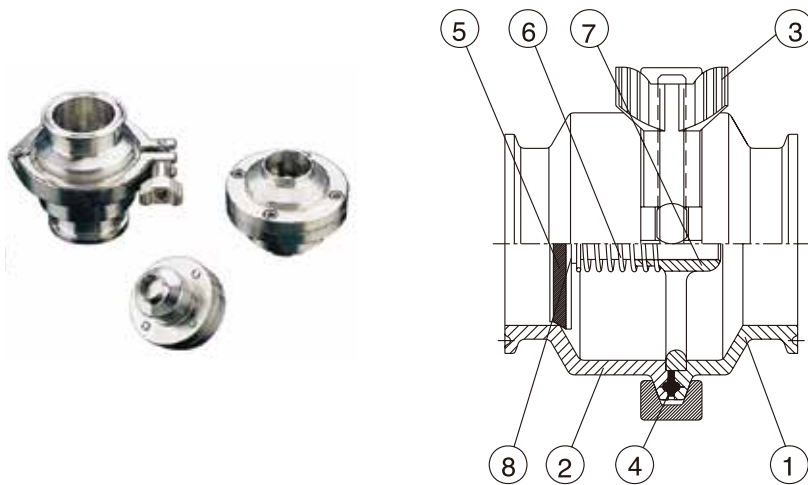


DN	A	B	E
25/52	211,0	76,0	64,0
63/101	211,0	76,0	58,0



* לא קיים במלאי ניתן להזמין לפי דרישה

שסתום אל-חוזר Non Return Valve (Check Valve)



NO.	NAME
1	Short Body
2	Long Body
3	Clamp
4	13PG
5	Seal-Ring
6	ST.ST Spring
7	Flow Support Plate
8	Disc

Check Valve

Materials

Steel parts Stainless steel SS316(L)

Seal rings EPDM Rubber or Silicone/Viton (FKM)

Finish: OD ≥ 0.8 , ID ≥ 0.8 or $0.4\mu\text{m}$

Connections

The valve is available with welding ends for tubing according to 3A, SMS, DIN 11851

Technical data

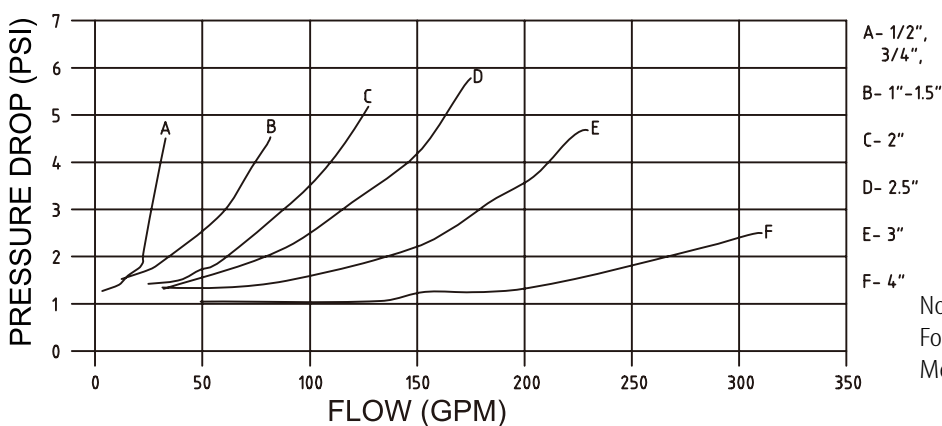
Required different pressure for opening the valve fitted in a vertical pipe, as shown in fig. 3, the open pressure Max. product pressure: 1000kpa(10bar)

Material grades

Gasket-Body: EPDM/Silicone/Viton (FKM)/PTFE

Flow Area-EPDM/Silicone/Viton (FKM)

SPRING CHECK VALVE flow rate (fig 3)



Note:
For the diagram the following applies:
Medium: : Water(20°C)

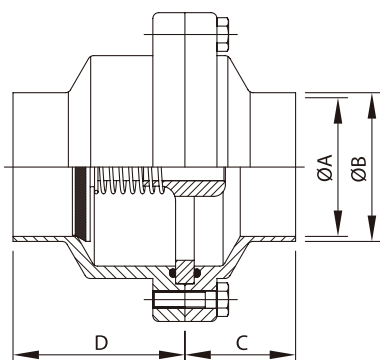
Oper pressure (PSI)

1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
0.5	0.5	3.0	1.6	0.6	1.3	0.8	0.9

Open Pressure (fig.1)

* ניתן להזמין אטמים NBR לפי דרישה

שסתום אל-חוזר עם אוגן באמצע וקצוות ריתוך Non-Return Valve



CHECK VALVE MIDDLE FLANGE TYPE/WELD END

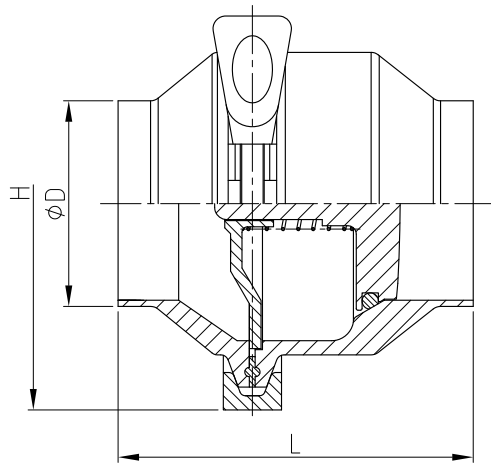
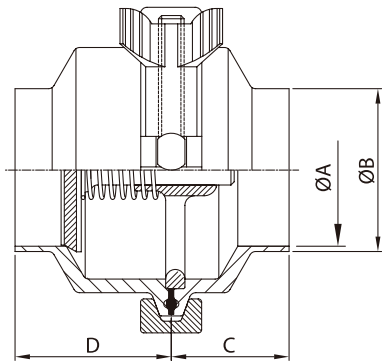
3A	ØA	ØB	C	D
1/2"	9.4	12.7	23	34
3/4"	15.8	19.05	23	34
1"	22.1	25.4	34	48
1.5"	34.8	38.1	36	48
2"	47.5	50.8	36	48
2.5"	60.2	63.5	36	48
3"	72.9	76.2	36	48
4"	97.6	101.6	47	54



DIN	ØA	ØB	C	D
DN25	25	28	34	48
DN32	31	34	36	48
DN40	37	40	36	48
DN50	49	52	36	48
DN65	66	70	36	48
DN100	100	104	47	54



שסתום אל-חוזר עם קלמרה באמצע וקצוות לריתוך Non Return Valve

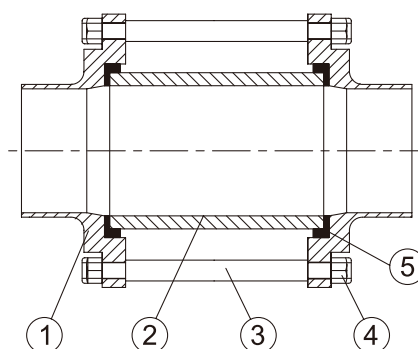


CHECK VALVE MIDDLE CLAMP TYPE/WELD END

SIZE	D		L	H	t
DN15	18	19	74	72	1.5
DN20	22	23	74	92	1.5
DN25	28	29	74	92	1.5
DN32	34	35	74	92	1.5
DN40	40	41	74	92	1.5
DN50	52	53	79	100	1.5
DN65	70	-	107	115	2
DN80	85	-	109	128	2
DN100	104	-	123	164	2

SIZE	D	L	H
1/2"	12.7	74	92
3/4"	19	74	92
1"	25.4	74	92
1-1/4"	31.8	74	92
1-1/2"	38.1	74	92
2"	50.8	79	100
2-1/2"	63/5	99	115
	76/2	107	128
3-1/2"	89	109	128
4"	101/6	123	164

מראה זרימה / חלון הסתכלות Hygienic Sight Glass



Hygienic Sight Glass:

Glass: Clean, High Press Pyrex Glass. Max Work 10 bar.
Can be changeable.

Body: SUS304, 316L Precision Machined Body.
With Width Connection End.3A, DIN, SMS, RJT, IDF
Male/Male.Weld and Female End.

Screw Blot: Full Stainless Steel.

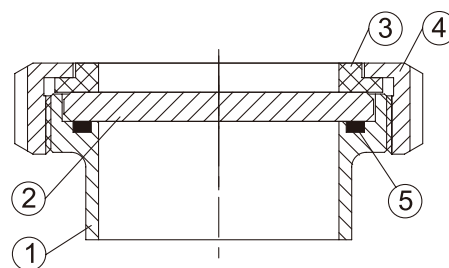
Seal: EPDM, Silicone and Viton.

NO.	NAME
1	Body
2	High Pressure Clean Glass
3	Screw Blot
4	Nylon Lock Nut
5	Seal

PYREX Glass data:

PYREX Borosilicate Glass Composition

Contect	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	B ₂ O ₃	Na ₂ O	K ₂ O
%	80.9	2.3	0.03	12.7	4.0	0.04



Physical Properties

Young's module	6.4x10 ⁵ kg/cm ³
Poisson's ratio	0.20
Shear modules	2.7x10 ⁵ kg/cm ²
Knoop Hardness (100g)	418KHN
Bending strength	4~7x10 ⁵ kg/cm ²
Design stress (Safety factor)	67 kg/cm ²

NO.	NAME
1	Body
2	High Press Clean Glass
3	Teflon Gasket
4	NUT
5	Seal

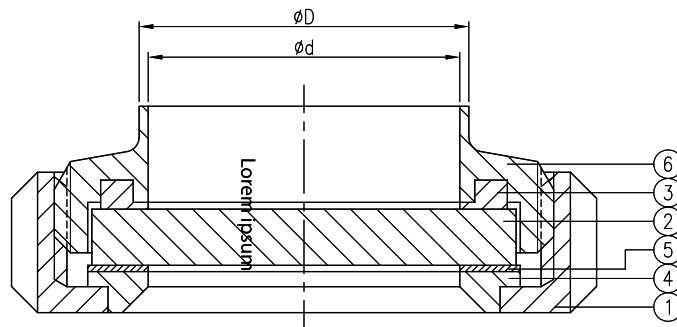
With Weld End Only!

חלון הסתכלות Flat Sight Glass Welding Silicone Gasket. SS316L DIN



ITEM	PARTS	MATERIAL	SIZE	d	D
1	NUT	304	DN50	49	52
2	TEMPERED GLASS	GLASS	DN65	66	70
3	SIGHT GLASS GASKET	SILICONE	DN80	81	85
4	FLAT GASKET	304	DN100	100	104
5	GASKET	PTFE	DN125	125	129
6	MALE	304 / 316L	DN150	150	154

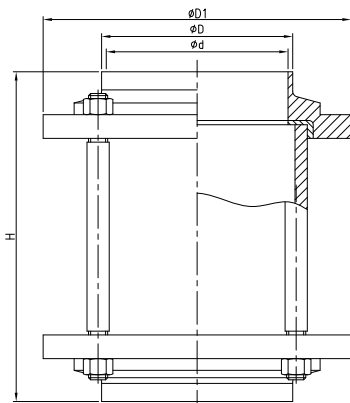
unit:mm



* ניתן להזמין זכוכית ואטמים להחלפה

מראה זרימה עם קצוות לריתוך DIN/3A Sight Glass with Welded End 304L/316L

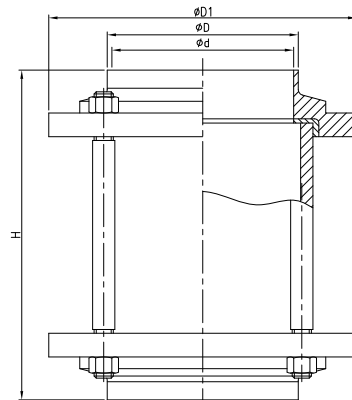
Din Weld End Sight Glass



SIZE	d	D	D1	H
DN10	10	13	78	140
DN15	15	18	78	140
DN20	19	22	78	140
DN25	25	28	78	140
DN32	31	34	86	140
DN40	37	40	90	140
DN50	49	52	102	142
DN65	66	70	124	146
DN80	81	85	139	150
DN100	100	104	154	154
DN125	125	129	185	170
DN150	150	154	215	180



3A Weld End Sight Glass

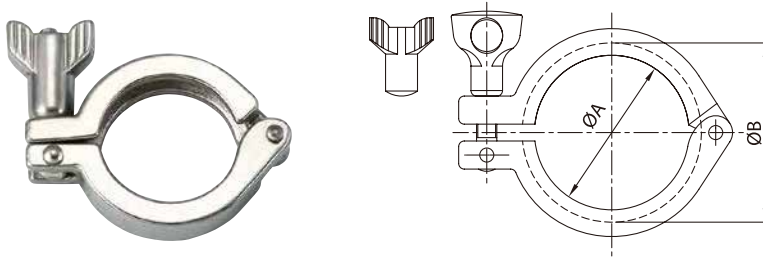


SIZE	d	D	D1	H
1/2"	9.4	12.7	78	140
3/4"	15.8	19.1	78	140
1"	22.4	25.4	78	140
1-1/4"	38.8	31.8	78	140
1-1/2"	35.1	38.1	86	140
2"	48.8	50.8	102	142
2-1/2"	59.5	63.5	115	146
3"	72.2	76.2	124	146
3-1/2"	85	89	139	150
4"	97.6	101.6	154	154
5"	127	133	185	170
6"	153	159	215	180

unit:mm

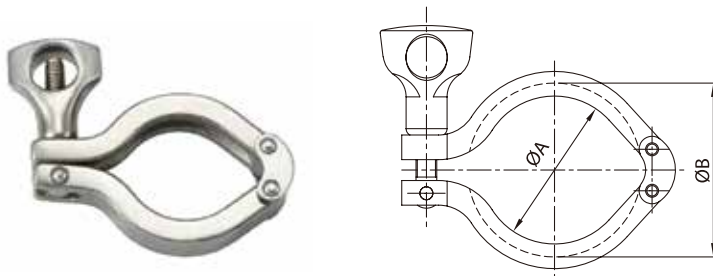
* ניתן לרכוש זכוכית למראה זרימה
* ניתן לרכוש אטמים טפלון למראה זמינה

קלמרה לעומס כבד פין בודד פלב"מ 304 A3 Heavy Duty Double Pin Clamp SS304 A3

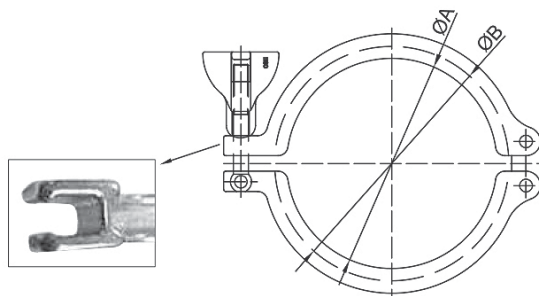


SIZE	ØA	ØB
1"~1.5"	44.4	53.6
3"	84	94
8"	205	220

קלמפ לעומס כבד פין כפול פלב"מ 304 DIN



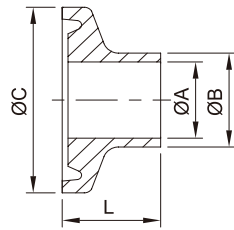
SIZE	ØA	ØB
1/2"~3/4"	20	28
1"~1.5"	43.6	53.6
2"	57	67
2.5"	70.6	80.6
3"	84	94
4"	112	122
6"	155	170
8"	205	220.8



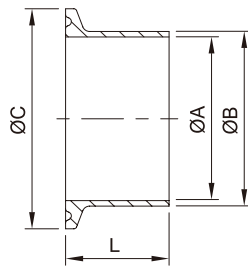
DN	ØA	ØB
DN10-DN20	27.2	37
DN25-DN40	44.5	54.5
DN50	57	68
DN65	84	95
DN80	99	110
DN100	112	123
DN115	123	134
DN125	144	159
DN150	172	187
DN200	222.5	237.5
DN250	257	272
DN300	308	323

פרול לריתוך Short/Long Welding Ferrule A3/Din 1/2"~3/4"

פרול 3A



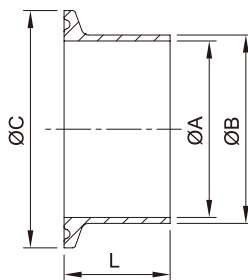
1.0"~12"



3A Welding Ferrule

SIZE	ØA	ØB	ØC	L	ארוך קצר	ארוך
1/4"	3.9	6.35	25	12.7	21.5	28.6
1/2"	9.4	12.7	25	12.7	21.5	28.6
3/4"	15.75	19.05	25	12.7	21.5	28.6
1"	22.1	25.4	50.5	12.7	21.5	28.6
1.25"	28.45	31.75	50.5	12.7	21.5	28.6
1.5"	34.8	38.1	50.5	12.7	21.5	28.6
2.0"	47.5	50.8	64	12.7	21.5	28.6
2.5"	60.2	63.5	77.5	12.7	21.5	28.6
3.0"	72.9	76.2	91	12.7	21.5	28.6
4.0"	97.4	101.6	119	15.8	21.5	28.6
6.0"	146.86	152.5	166.87	—	21.5	28.6 or 38.1
8.0"	197.66	203.3	217.67	—	21.5	28.6 or 38.1
10"	247.2	254	268.47	—	21.5	28.6 or 38.1
12"	298	304.8	319.27	—	21.5	28.6 or 38.1

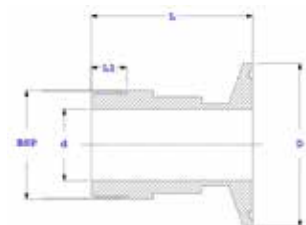
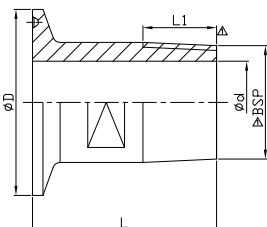
פרול DIN



DIN Ferrule

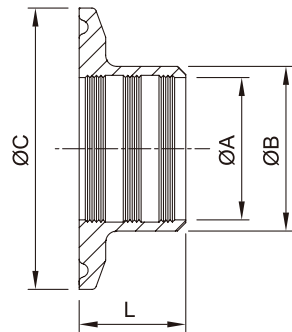
SIZE	ØA	ØB	ØC	L
DN6	—	—	34	12.7
DN8	—	—	34	12.7
DN10	9	12	34	18
DN15	15	18	34	18
DN20	19	22	34	18
DN25	25	28	50.5	21.5
DN32	31	34	50.5	21.5
DN40	37	40	50.5	21.5
DN50	49	52	64	21.5
DN65	66	70	91	28
DN80	81	85	106	28
DN100	100	104	119	28
DN125	125	129	155	28
DN150	150	154	183	28
DN200	200	204	233.5	28

פרול חיבור BSP 316 L

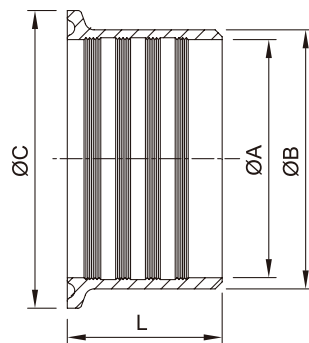


Size	d	D	L	L1	BSP
1/2"X1/2"	9.5	25	45	14	20.9
3/4"X3/4"	15.8	25	45	14	26.3
1"x1"	22.2	50.5	50	11	33.7
1.5"x1.5"	34.9	50.5	50	11	47.7
2"X2"	47.6	64	55	11	59.5

פרול לערגול 304 L / 316 L Expanding Ferrule 3A



1.25"~4.0"



3A Roll-on Ferrule 304L/316L

SIZE	ØA	ØB	ØC	L
1.0"	25.5	29.5	50.5	19.1
1.25"	31.9	36.3	50.5	21.5
1.5"	38.2	42.6	50.5	28.6
2.0"	50.9	55.7	64	33.3
2.5"	63.6	68.8	77.5	34.9
3.0"	76.3	81.9	91	36.5
4.0"	101.7	108.1	119	38.1

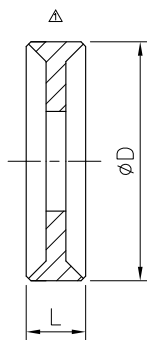


1"-12"

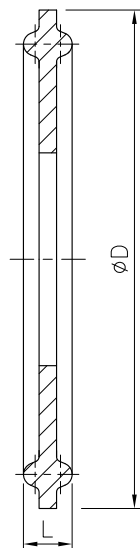


אטם טבעת לפרול A3 Gasket Ring for Ferrul A3

1/2"-3/4"



1/2"~3/4"



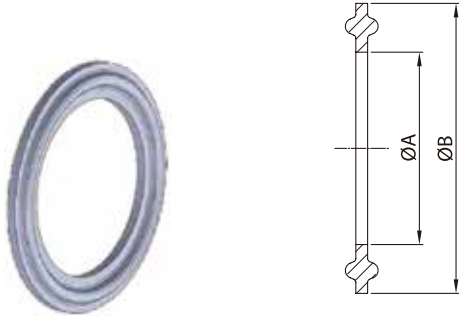
1"~12"

PLAIN TYPE

SIZE	D	L
1/2"	20.3	5
3/4"	20.3	5
1"	50.5	5
1-1/2"	50.5	5
2"	64	5.5
2-1/5"	77.5	5.5
3"	91	5.5
3-1/2"	106	5.5
4"	119	5.5
4-1/2"	130	5.5
5"	145	5.5
6"	167	5.5
8"	217.4	5.5
10"	268	5.5
12"	319	5.5

אטם טבעת לפרול DIN

Gasket Ring for Ferrul DIN



(PTFE)

ISO TYPE

SIZE	ØA	ØB
DN8	11.1	33.2
DN12	14.8	33.2
DN15	18.9	33.2
DN20	24.5	49.7
DN25	31.3	49.7
DN32	40	49.7
DN40	45.9	63.2
DN50	57.1	76.7
DN65	72.9	90.2
DN80	85.7	105.2
DN100	109.9	129.2
DN125	134.5	154.2
DN150	163.1	182.2
DN200	211.9	232.7

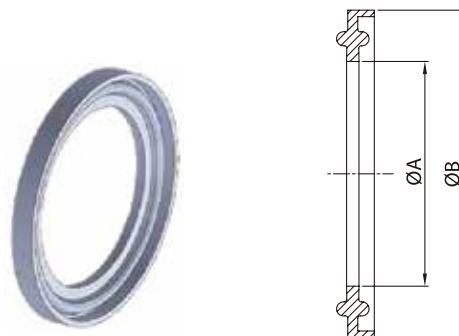
(EPDM)

DIN TYPE

SIZE	ØA	ØB
DN10	9.8	33.2
DN15	15.8	33.2
DN20	19.8	33.2
DN28	25.8	49.7
DN34	31.8	49.7
DN40	37.8	49.7
DN52	49.8	63.2
DN70	66.8	90.2
DN85	81.8	105.2
DN101.6	98.4	118.2
DN104	100.8	118.2
DN125	125.8	154.2
DN150	150.8	182.2
DN200	200.8	232.7

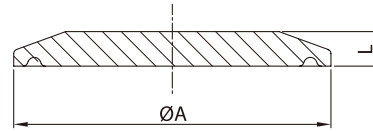
אטם טבעת לפרול 3A עם שפה

Gasket Ring for Ferrul with Brim A3 (EPDM' SILICONE)



SIZE	ØA	ØB
1.0"	22.8	52.7
1.5"	35.8	52.7
2.0"	48.8	66.2
2.5"	60.5	79.7
3.0"	73.1	93.2
4.0"	97.8	121.2
6.0"	148	169.1
10"	249	270.7
12"	300	321.5

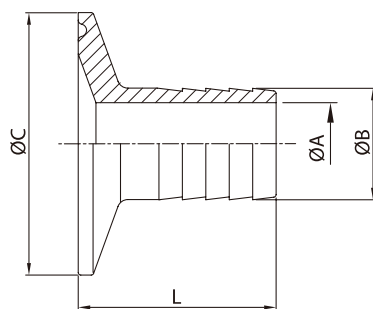
304 L / 316 L Blank Cap for Ferrule 3A פקק סגר לפרול



3A	1/2"-3/4"			1"		1.5"		2"		2.5"		3"		4"			6"			8"		10"		12"	
DIN	—	DN10	DN15	DN20	DN25	DN32	DN40	DN50		DN65	DN80	DN100		DN125	—	DN150	—	DN200	—	—					
ISO	—	DN8	DN12	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80		DN100	DN125	—	DN150	—	DN200	—	—					
ψA	25	34	34	34	50.5	50.5	50.5	64	77.5	91	106	119	130	155	166.8	183	217.7	233.5	268.5	319.3					
L	6	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	7.9	7.9	7.9	11.1	11.1	11.1	11.1	11.1	11.1					

מחבר פרול לצינור גמיש פלב"מ 316L

3A Hose Adapter Ferrule End 316 L



HOSE ADAPTER

SIZE	ØA	ØB	ØC	L	L1
1/2"×1/2"	9.5	13.7	25.2	38	25.3
3/4"×3/4"	15.8	21.4	25.2	38	25.3
1"×1/2"	9.5	13.7	50.5	38	25.3
1"×3/4"	15.8	21.4	50.5	38	25.3
1"×1"	20.6	25.4	50.5	43	30.3
1.5"×1/2"	9.5	13.7	50.5	38	25.3
1.5"×3/4"	15.8	21.4	50.5	38	25.3
1.5"×1.0"	20.6	25.4	50.5	43	25.3
1.5"×1.5"	33.2	38.1	50.5	43	30.3
2"×1.5"	33.2	38.1	64	43	30.3
2"×2"	46	50.8	64	58.7	46
2.5"×2.5"	58.7	63.5	77.5	59.5	46.8
3"×3"	72	76.2	91	78.6	65.9
4"×4"	97.6	101.6	119	85.5	72.8

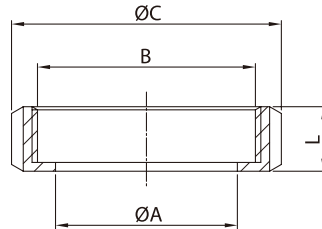


חלקי רקורד DIN 304/316

DIN Unions

אום עגול לרקורד פלב"מ 4/6 חריצים 304

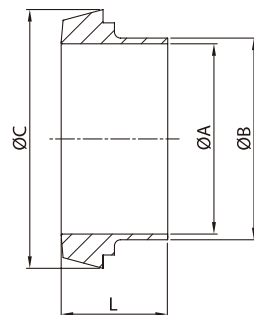
Round Nut for DIN Union SS304 4/6 Slots



SIZE	ØA	B	ØC	D	L	SLOTS
10	19	RD 28*1/8	38	15	18	4
15	25	RD 34*1/8	44	15	18	4
20	31	RD 44*1/6	54	17	20	4
25	36	RD 52*1/6	63	18	21	4
32	42	RD 58*1/6	70	18	21	4
40	49	RD 65*1/6	78	18	21	4
50	62	RD 78*1/6	92	19	22	4
65	80	RD 95*1/6	112	21	25	6
80	94	RD110*1/4	127	25	29	6
90	104	RD120*1/4	138	26	30	6
100	115	RD130*1/4	148	26	31	6
125	138	RD160*1/4	178	30	35	6
150	164	RD190*1/4	210	34	40	6

צוארון לריתוך פלב"מ DIN

304 L / 316 L

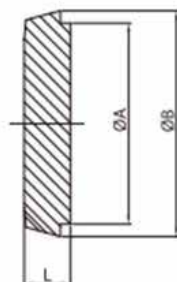


Welding Liner for Din Union

SIZE	ØA	DB ØB	ØC	L
10	9	12	22.5	17
15	15	18	28.5	17
20	19	22	36.5	18
25	25	28	44	22
32	31	34	50	25
40	37	40	56	26
50	49	52	68.5	28
60	57	61	76	30
65	66	70	86	32
80	81	85	100	37
100	100	104	121	44
125	125	129	150	34
150	150	154	176	37

פקק סגר לרקורד DIN

304 L / 316 L

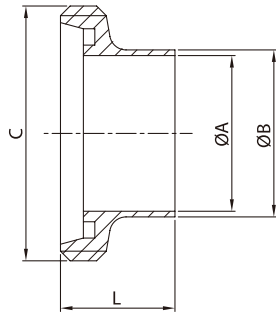


Blank Cap End for Din Union

SIZE	ØA	ØB	L
10	18	22.5	9
15	24	28.5	9
20	30	36.5	11
25	35	44	13
32	41	50	13
40	48	56	13
50	61	68.5	14
65	79	86	16
80	93	100	16
90	103	111	19
100	114	121	20
125	137	150	22
150	163	176	24

הברגה לריתוך - DIN

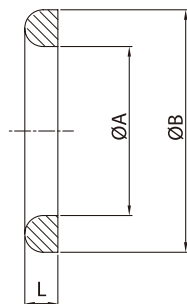
304 L / 316 L



Welding Male for Din Union

SIZE	DB		C	L
	ØA	ØB		
10	9	12	RD 28*1/8	21
15	15	18	RD 34*1/8	21
20	19	22	RD 44*1/6	24
25	25	28	RD 52*1/6	29
32	31	34	RD 58*1/6	32
40	37	40	RD 65*1/6	33
50	49	52	RD 78*1/6	35
60	57	61	RD 85*1/6	36
65	66	70	RD 95*1/6	40
80	81	85	RD 110*1/4	45
90	89	93	RD 120*1/4	54
100	100	104	RD 130*1/4	54
125	125	129	RD 160*1/4	46
150	150	154	RD 190*1/4	50

אטם לרקורד-DIN



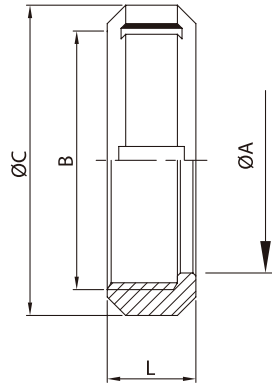
DIN SEAL RING
(EPDM - SILICONE - Viton (FKM))

SIZE	ØA	ØB	L
10	12	20	9
15	18	26	9
20	23	33	11
25	30	40	13
32	36	46	13
40	42	52	13
50	54	64	14
65	71	81	16
80	85	95	16
100	104	114	20
125	130	142	22
150	155	167	24

SMS Unions חלקי רקורד SMS 304/316

אום עגול לרקורד SMS

304 L

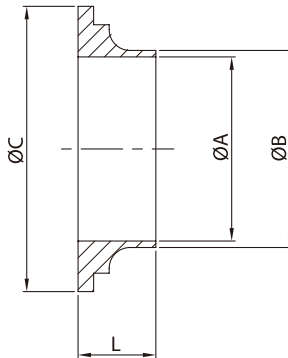


Round Nut for SMS Union SS304 6Slot

SIZE	ØA	B	ØC	L
25	32	RD 40*1/6	51	19
32	40	RD 48*1/6	60	22
38	48	RD 60*1/6	74	23
50	60.5	RD 70*1/6	84	24
63	74	RD 85*1/6	100	28
76	87	RD 98*1/6	114	30
101.6	113	RD125*1/4	138	31
104	113	RD125*1/4	138	31
101.6-B	117	RD132*1/6	150	31

צוארון לריתוך SMS

304 L / 316 L

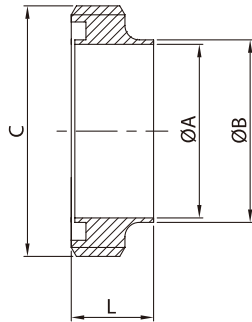


Long Welding liner SMS

SIZE	ØA	ØB	ØC	L
25	22.5	25	35.5	15.5
38	35.5	38	55	16
50	48.5	51	65	17
63	60.5	63.5	80	17
76	72.9	76.1	93	19
101.6	97.6	101.6	118	19
104	100	104	118	19
104-B	98.5	102.5	127	19

הברגה לריתוך SMS

304 L / 316 L

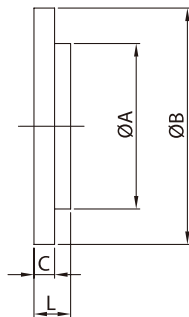
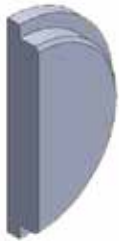


Long Welding Male for SMS Union

SIZE	ØA	ØB	ØC	L
25	22.5	25	RD 40*1/6	19
38	35.5	38	RD 60*1/6	23
50	48.5	51	RD 70*1/6	23
63	60.5	63.5	RD 85*1/6	27
76	72.9	76.1	RD 98*1/6	27
101.6	97.6	101.6	RD125*1/4	30
104	100	104	RD125*1/4	30
104-B	98.5	102.5	RD132*1/6	35

פקק סגר לרקורד SMS

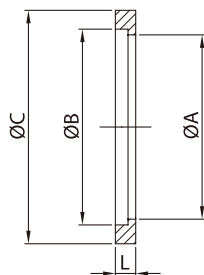
304 L / 316 L



SMS-BLANK END CAP

SIZE	ØA	ØB	C	L
25	32	35.5	3.5	7.5
38	48	55	5	9
50	60	65	5	10
63	73.5	80	5	10
76	86	93	5	11
104	118	118	6	11
104-B	128	128	6	11

אטם לרקורד SMS (VITON, FKM, SILICON, EPDM)



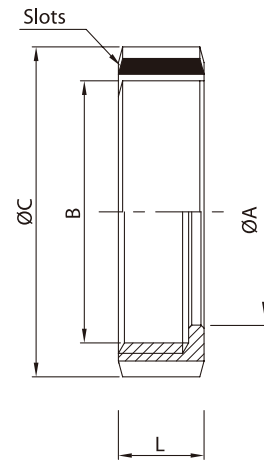
SEAL RING L TYPE (EPDM - SILICONE - VITON (FKM))

SIZE	ØA	ØB	C	L
25	22.8	25.1	31.8	5.3
38	35.8	38.1	47.8	5.3
50	48.8	51.5	60.8	5.3
63	61	63.6	73.3	5.3
76	73.4	76.1	85.8	5.3
104	100.5	104	115.7	5.3

RJT Unions חלקי רקורד RJT

אום עגול לרקורד RJT

304 L

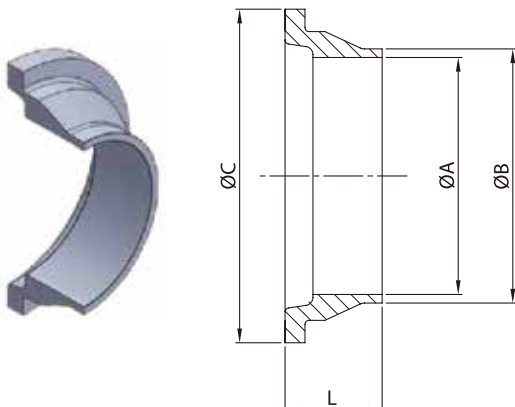


Round Nut for RJT Union SS304 4/6 Slots

SIZE	ØA	B	ØC	D	L	L1	SLOTS
1/2"	14.5	19.6 *10TP WHIT	—	28.5	16	—	—
3/4"	21	26.2 *10TP WHIT	—	33	16	—	—
1"	33.45	42.266*8TP WHIT	58.5	50.8	22.2	23.5	4
1.5"	46	54.966*8TP WHIT	74	65	22.2	23.5	4
2"	58.67	67.92 *6TP WHIT	85.5	79.4	22.2	23.5	6
2.5"	71.4	80.62 *6TP WHIT	98.5	92	22.2	23.5	6
3"	84.1	93.32 *6TP WHIT	111.6	104.8	22.2	23.5	8
4"	109.7	118.72*6TP WHIT	138	130	22.2	23.5	8
6"	163	169.52*6TP WHIT	197	184	24	—	10

צוארון לריתוך RJT

304 L / 316 L

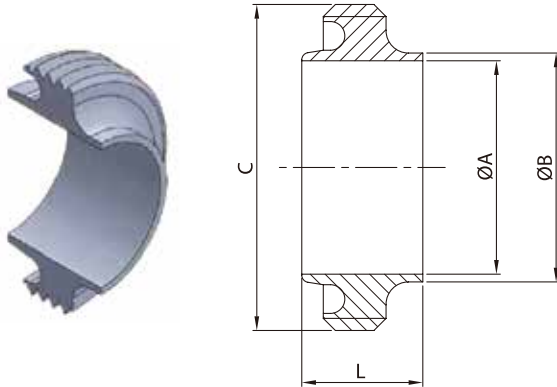


Welding Liner for RJT Union

SIZE	ØA	ØB	ØC	L
1/2"	9.6	14	18	11.4
3/4"	16	20	23.1	11.4
1"	22.1	25.4	41.3	19.5
1.5"	34.8	38.1	54	19.5
2"	47.5	50.8	66.7	19.5
2.5"	60.2	63.5	79.4	19.5
3"	72.9	76.2	92.1	19.5
4"	97.6	101.6	117.5	19.5
6"	146.86	152.4	169.1	23.5

הברגה לריתוך RJT

304 L / 316 L

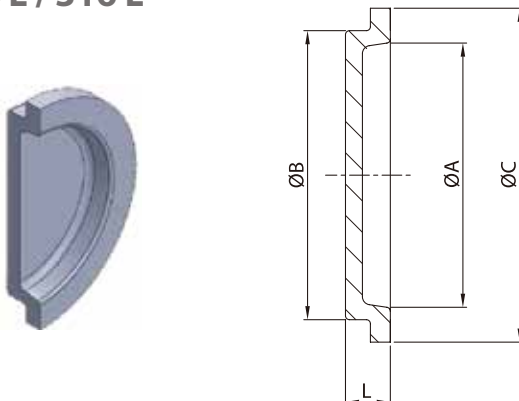


Welding Male for RJT Union

SIZE	ØA	ØB	C	L
1/2"	9.6	13.7	21.2 *10TP WHIT	16.5
3/4"	16	20	27.6 *10TP WHIT	16.5
1"	22.1	25.4	45.72 *8TP WHIT	27
1.5"	34.8	38.1	58.42 *8TP WHIT	27
2"	47.5	50.8	72.72 *6TP WHIT	27
2.5"	60.2	63.5	85.42 *6TP WHIT	27
3"	72.9	76.2	98.12 *6TP WHIT	27
4"	97.6	101.6	123.52 *6TP WHIT	27
104	100	104	123.52 *6TP WHIT	27
6"	146.86	152.4	174.32 *6TP WHIT	24

פקק סגר לרקורד RJT

304 L / 316 L

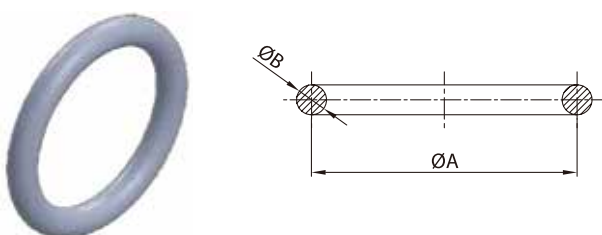


RJT- BLANK END CAP

SIZE	ØA	ØB	ØC	L
1"	37.8	32.5	41.3	9
1.5"	40.5	45.2	54	9
2"	53.2	57.9	66.7	9
2.5"	65.9	70.6	79.4	9
3"	78.2	83.3	92.1	9
4"/104	104	108.7	117.5	9

אטם לרקורד RJT

O-Ring



RJT-SEAL RING (EPDM/SILICON VITON(FKM)

SIZE	ØA	ØB	ØC
1"	33.3	6.6	R 3.2
1.5"	46	6.6	R 3.2
2"	58.7	6.6	R 3.2
2.5"	71.4	6.6	R 3.2
3"	84.1	6.6	R 3.2
4"	109.5	6.6	R 3.2
6"	162.6	6.6	R 3.2

רקורד קומפלט 304/316
Union Record Set
תקנים: A3, DIN
רקורדים מגיעים עם אטם EPDM



סט פרול קומפלט 304/316
Set Ferrule
תקנים: A3, DIN
סט פרול מגיע עם אטם EPDM
ניתן להזמין ארוך/קצר

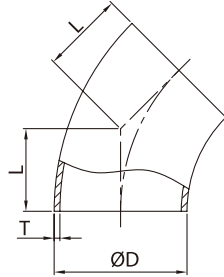


קשתות ELBOWS 304 L / 316 L

קשת קצרה 45° לריתוך 3A

Short Elbow 45 3A W/W

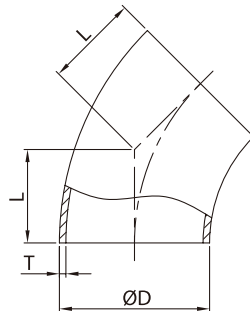
SIZE	ØD	L	T
1/2"	12.7	13.16	1.65
3/4"	19.05	23.8	1.65
1"	25.4	15.8	1.65
1.5"	38.1	23.8	1.65
2"	50.8	31.75	1.65
2.5"	63.5	39.6	1.65
3"	76.2	47.6	1.65
4"	101.6	63.5	2.1
6"	152.4	95.25	2.77



קשת קצרה 45° לריתוך DIN

Short Elbow 45 DIN W/W

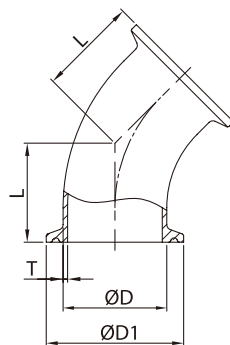
SIZE	ØD	L	T
DN20	22	16.6	1.5
DN25	28	20.7	1.5
DN32	34	22.8	1.5
DN40	40	24.9	1.5
DN50	52	29	1.5
DN65	70	33.1	2
DN80	85	37.3	2
DN100	104	41.4	2



קשת קצרה 45 קצוות פרול 3A

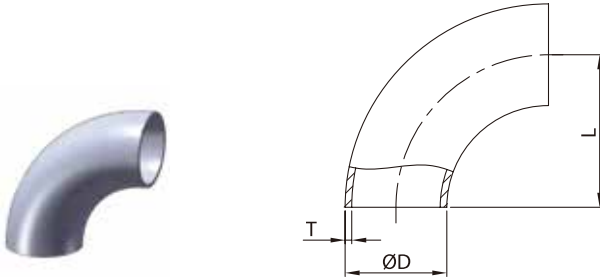
Short Elbow 45 with Ferrule End 3A

SIZE	ØD	ØD1	L	T
1/2"	12.7	25.2	19.8	1.65
3/4"	19.05	25.2	24.6	1.65
1"	25.4	50.5	28.5	1.65
1.5"	38.1	50.5	36.5	1.65
2"	50.8	64	44.45	1.65
2.5"	63.5	77.5	52.3	1.65
3"	76.2	91	60.3	1.65
4"	101.6	119	76.2	2.1
6"	152.4	166.87	117.5	2.77



304 L / 316 L

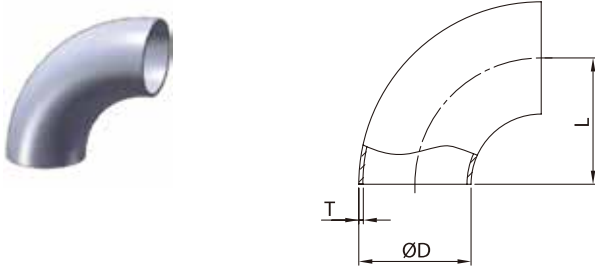
קשת קצרה 90° לריתוך 3A



Short Elbow 90 3A W/W

SIZE	ØD	L	T
1/2"	12.7	19.05	1.65
3/4"	19.05	28.58	1.65
1"	25.4	38.1	1.65
1.5"	38.1	57.2	1.65
2"	50.8	76.2	1.65
2.5"	63.5	95.25	1.65
3"	76.2	114.3	1.65
4"	101.6	152.4	2.1
6"	152.4	228.6	2.77
8"	203.2	304.8	2.77

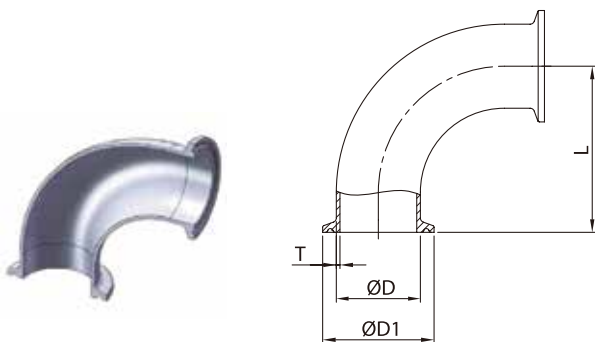
קשת קצרה 90° לריתוך DIN



Short Elbow 90 with Ferrule End DIN

SIZE	ØD	L	T
DN10	12	26	1.5
DN15	18	35	1.5
DN20	22	40	1.5
DN25	28	50	1.5
DN32	34	55	1.5
DN40	40	60	1.5
DN50	52	70	1.5
DN65	70	80	2
DN80	85	90	2
DN100	101.6 104	152.4 100	2 2

קשת קצרה 90° קצוות פרול 3A

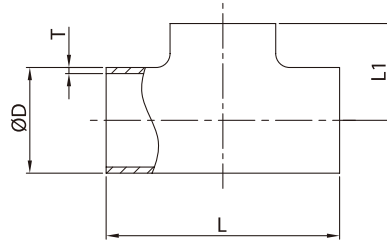


Short Elbow 90 with Ferrule End 3A

SIZE	ØD	ØD1	L	T
1/2"	12.7	25.2	41.3	1.65
3/4"	19.05	25.2	41.3	1.65
1"	25.4	50.5	50.8	1.65
1.5"	38.1	50.5	69.9	1.65
2"	50.8	64	88.9	1.65
2.5"	63.5	77.5	107.95	1.65
3"	76.2	91	127	1.65
4"	101.6	119	168.2	2.1
6"	152.4	166.87	250.8	2.77

טי סימטרי וטי מעבר 304 L / 316 L

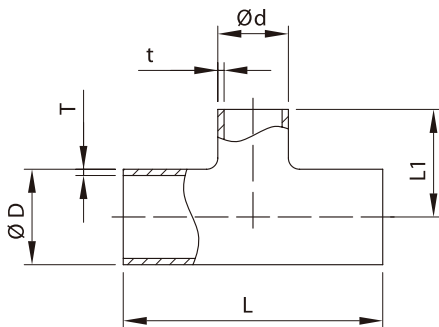
טי סימטרי קצר לריתוך 3A



Short Equal Tee W/W 3A

SIZE	ØD	L	L1	T
1/2"	12.7	38.1	19.05	1.65
3/4"	19.05	57.2	28.6	1.65
1"	25.4	57.2	28.6	1.65
1.5"	38.1	84.2	42.1	1.65
2"	50.8	104.8	52.4	1.65
2.5"	63.5	119	59.5	1.65
3"	76.2	131.8	65.9	1.65
4"	101.6	174.6	87.3	2.1
6"	152.4	254	127	2.77

T מעבר

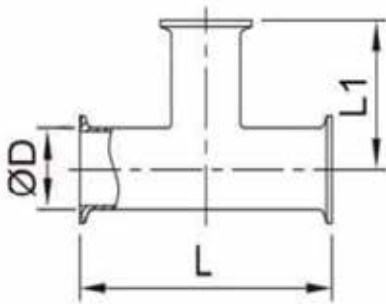


Reducing Tee W/W 3A

SIZE	ØD	Ød	L	L1	T	t
3/4"×1/2"	19.05	12.7	95.3	15.9	1.65	1.65
1.0"×1/2"	25.4	12.7	95.5	25.4	1.65	1.65
1.0"×3/4"	25.4	19.05	95.5	28.45	1.65	1.65
1.5"×1/2"	38.1	12.7	84.2	31.75	1.65	1.65
1.5"×3/4"	38.1	19.05	84.2	35.05	1.65	1.65
1.5"×1.0"	38.1	25.4	84.2	34.9	1.65	1.65
2.0"×1/2"	50.8	12.7	104.8	38.1	1.65	1.65
2.0"×3/4"	50.8	19.05	104.8	41.4	1.65	1.65
2.0"×1.0"	50.8	25.4	104.8	41.3	1.65	1.65
2.0"×1.5"	50.8	38.1	104.8	48.4	1.65	1.65
2.5"×1.0"	63.5	25.4	119	47.6	1.65	1.65
2.5"×1.5"	63.5	38.1	119	54.8	1.65	1.65
2.5"×2.0"	63.5	50.8	119	58.7	1.65	1.65
3.0"×1.0"	76.2	25.4	131.8	54	1.65	1.65
3.0"×1.5"	76.2	38.1	131.8	61.1	1.65	1.65
3.0"×2.0"	76.2	50.8	131.8	65.1	1.65	1.65
3.0"×2.5"	76.2	63.5	131.8	65.9	1.65	1.65
4.0"×1.0"	101.6	25.4	174.6	66.7	2.1	1.65
4.0"×1.5"	101.6	38.1	174.6	73.8	2.1	1.65
4.0"×2.0"	101.6	50.8	174.6	77.8	2.1	1.65
4.0"×2.5"	101.6	63.5	174.6	78.6	2.1	1.65
4.0"×3.0"	101.6	76.2	174.6	80.2	2.1	1.65
6.0"×1.0"	152.4	25.4	254	111	2.77	1.65
6.0"×1.5"	152.4	38.1	254	114.3	2.77	1.65
6.0"×2.0"	152.4	50.8	254	117.5	2.77	1.65
6.0"×2.5"	152.4	63.5	254	120.7	2.77	1.65
6.0"×3.0"	152.4	76.2	254	123.8	2.77	1.65
6.0"×4.0"	152.4	101.6	254	130.2	2.77	2.1

Equal Tee & Reducing Tee

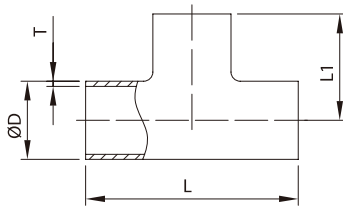
T סימטרי קצר קצוות פרול 3A



Short Equal Tee Ferrule End A3

3A	D	L1	L
1/2"	12.7	60.3	120.6
3/4"	19.05	60.3	120.6
1"	25.4	60.3	120.6
1-1/2"	38.1	69.9	139.8
2"	50.8	88.9	177.8
2-1/2"	63.5	88.9	177.8
3"	76.2	95.3	190.6
4"	101.6	114.2	228.4
6"	152.4	164.5	329
8"	203.2	199.3	398.6

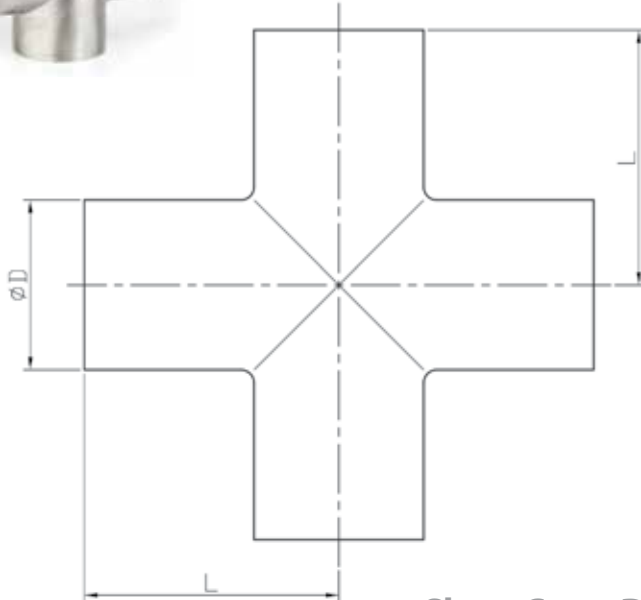
DIN סימטרי לריתוך T



DIN EQUAL TEE W/W

SIZE	ØD	L	L1	L2	T
DN10	12	52	26	11	1.5
DN15	18	70	35	11	1.5
DN20	22	80	40	13	1.5
DN25	28	100	50	16	1.5
DN32	34	110	55	19.5	1.5
DN40	40	120	60	23	1.5
DN50	52	140	70	30	1.5
DN65	70	160	80	40	2
DN80	85	180	90	47.5	2
DN100	101.6	300	150	56	2
	104	200	100	58	2
DN125	129	375	187.5	74	2
DN150	154	450	225	90	2
DN200	204	600	300	115	2
DN250	254	600	300	140	2
DN300	306	600	300	166	3

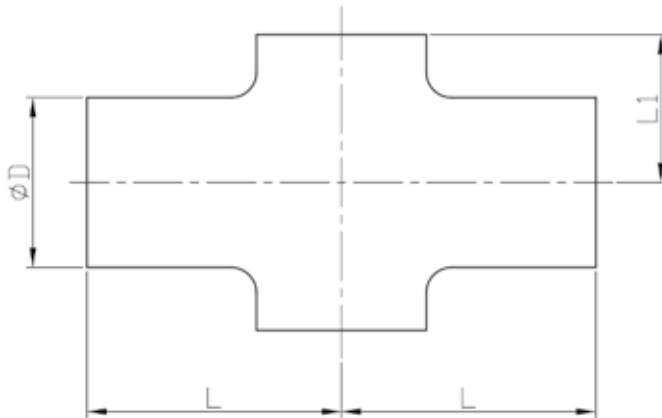
צלב לריתוך A3 פלב"מ Short Cross 3A 316L



SIZE	D	L
1/2"	12.7	38
3/4"	19.1	38
1"	25.4	28.5
1-1/4"	31.8	35
1-1/2"	38.1	42
2"	50.8	52.3
2-1/2"	63.5	59.5
3"	76.2	65.9
4"	101.6	87.4
6"	152.4	127

unit:mm

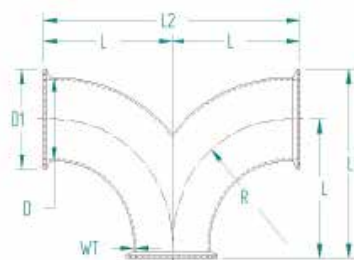
צלב לריתוך DIN פלב"מ Short Cross DIN 316L



SIZE	D DA	L	L1
DN10	12	26	7.5
DN15	18	35	10.5
DN20	22	40	12.5
DN25	28	50	16
DN32	34	55	19.5
DN40	40	60	22.5
DN50	52	70	30
DN65	70	80	39.5
DN80	85	90	47.5
DN100	104	100	58
DN125	129	187	70.5
DN150	154	225	83

unit:mm

מסעף Y קצוות פרוט - Tee Seagull Type Y Clamp Ends 2" 1.65mm



מידה	מ"מ
L	88.9
L1	120
L2	178
D	50.8
D1	64
R	76.2
WT	1.65



סט שלות אומי ניילוק
AISI 304



פרול וחלקיו
AISI 304/316L | תקן: 3A



מעברים קונסנטריים/ אקסנטריים
AISI 304/316L | תקן: DIN, BS



קשתות 45°, 90°
AISI 304L/316L | תקן: 3A, DIN



ברזי פרפר



חלון הסתכלות
AISI 304/316L אטמי EPDM
תקן: 3A, DIN



רקוד
AISI 304/316L
תקן: SMS, RJT, DIN



ד סימטרי
AISI 304L/316L
תקן: 3A, DIN



מסנני קו



שסתום אל חוזר
AISI 304/316L אטם פנימי סיליקון
תקן: 3A, DIN



מראה זרימה
AISI 304/316L אטם EPDM
תקן: 3A, DIN



שסתום פורק לחץ/ואקום
AISI 304/316L
תקן: DIN, SMS, RJT

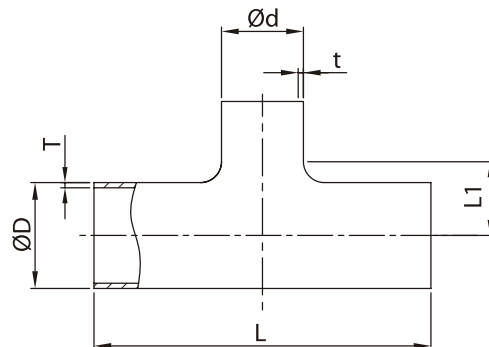


נשמים
נשמי פלסטיק
נשמי נירוסטה

304 L / 316 L DIN מעבר T

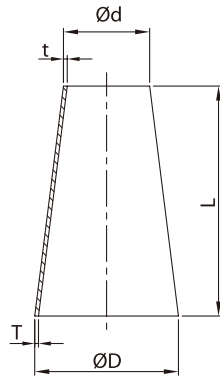
REDUCING TEE DIN W/W

SIZE	ØD	Ød	L	L1	L2	T	t
15*10	18	12	70	29	10.5	1.5	1.5
20*10	22	12	80	31	12.5	1.5	1.5
20*15	22	18	80	37	13	1.5	1.5
25*15	28	18	100	40	16	1.5	1.5
25*20	28	22	100	43	16	1.5	1.5
32*15	34	18	110	43	19.5	1.5	1.5
32*20	34	22	110	46	19.5	1.5	1.5
32*25	34	28	110	53	19.5	1.5	1.5
40*20	40	22	120	49	22	1.5	1.5
40*25	40	28	120	56	22.5	1.5	1.5
40*32	40	34	120	58	22	1.5	1.5
50*25	52	28	140	62	28	1.5	1.5
50*32	52	34	140	64	28.5	1.5	1.5
50*40	52	40	140	66	29	1.5	1.5
65*32	70	34/35	160	72.5	37	2	1.5
65*40	70	40/41	160	74.5	37	2	1.5
65*50	70	52/53	160	78.5	38.5	2	1.5
80*40	85	40/41	180	82	45	2	1.5
80*50	85	52/53	180	86	46	2	1.5
80*65	85	70	180	87.5	47.5	2	2
100*50	104	52/53	200	95.5	55.5	2	1.5
100*65	104	70	200	97	57	2	2
100*80	104	85	200	99.5	57	2	2
125*65	129	70	375	109.5	69.5	2	2
125*80	129	85	375	112	69.5	2	2
125*100	129	104	375	112.5	70	2	2
150*80	154	85	450	124.5	82	2	2
150*100	154	104	450	125	83	2	2
150*125	154	129	450	200	86.5	2	2
200*100	204	104	600	150	108	2	2
200*125	204	129	600	225	111.5	2	2
200*150	204	154	600	250	115	2	2

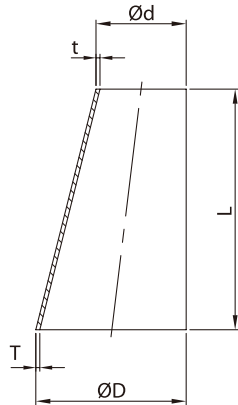


3A REDUCER 304 L / 316 L מעברי קוטר 3A

Concentric מעבר קונסנטרי לריתוך



Eccentric מעבר אקסנטרי לריתוך



Concentric/ Eccentric Reducer W/W 3A

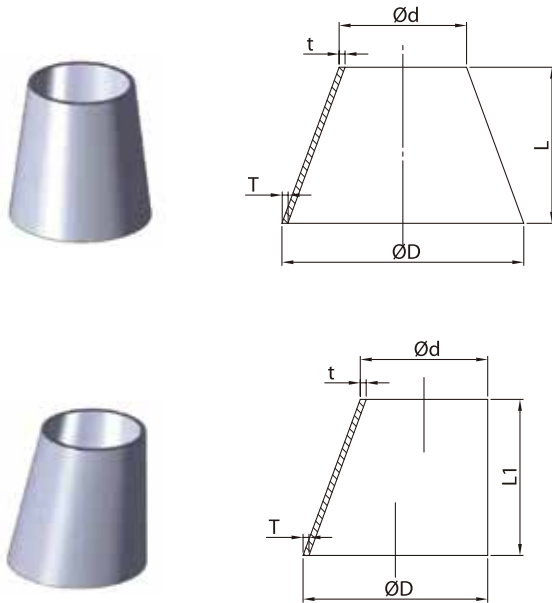
SIZE	ØD	Ød	L	T	t
3/4"×1/2"	19.05	12.7	25.4	1.65	1.65
1"×1/2"	25.4	12.7	50.8	1.65	1.65
1"×3/4"	25.4	19.05	25.4	1.65	1.65
1.5"×1/2"	38.1	12.7	101.6	1.65	1.65
1.5"×3/4"	38.1	19.05	76.2	1.65	1.65
1.5"×1"	38.1	25.4	50.8	1.65	1.65
2"×1/2"	50.8	12.7	152.4	1.65	1.65
2"×3/4"	50.8	19.05	127	1.65	1.65
2"×1"	50.8	25.4	101.6	1.65	1.65
2"×1.5"	50.8	38.1	50.8	1.65	1.65
2.5"×1"	63.5	25.4	152.4	1.65	1.65
2.5"×1.5"	63.5	38.1	101.6	1.65	1.65
2.5"×2"	63.5	50.8	50.8	1.65	1.65
3"×1"	76.2	25.4	203.2	1.65	1.65
3"×1.5"	76.2	38.1	152.4	1.65	1.65
3"×2"	76.2	50.8	101.6	1.65	1.65
3"×2.5"	76.2	63.5	50.8	1.65	1.65
4"×1"	101.6	25.4	304.8	2.1	1.65
4"×1.5"	101.6	38.1	254	2.1	1.65
4"×2"	101.6	50.8	203.2	2.1	1.65
4"×2.5"	101.6	63.5	152.4	2.1	1.65
4"×3"	101.6	76.2	101.6	2.1	1.65
6"×2"	152.4	50.8	139.7	2.77	1.65
6"×3"	152.4	76.2	139.7	2.77	1.65
6"×4"	152.4	101.6	139.7	2.77	2.1



* ניתן להזמין מידות שונות לפי דרישה

DIN Concentric מעבר קונסנטרי לריתוך

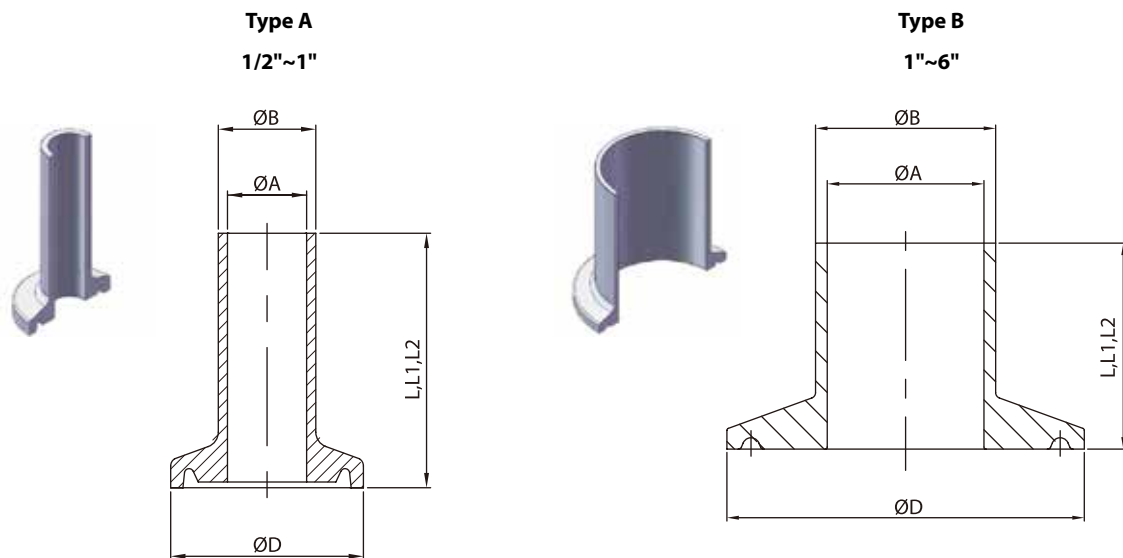
304 L / 316 L



Concentric/ Eccentric Reducer W/W DIN

SIZE	ØD	Ød	L	L1	T	t
32*25	34	28	25	16.5	1.5	1.5
40*25	40	28	23	33	1.5	1.5
40*32	40	34	23	16.5	1.5	1.5
50*25	52	28	27	66	1.5	1.5
50*32	52	34	28	49.5	1.5	1.5
50*40	52	40	27	33	1.5	1.5
65*25	70	28	35	75	2	1.5
65*40	70	40	39	77	2	1.5
65*50	70	52	29	44	2	1.5
80*50	85	52	45	85	2	1.5
80*65	85	70	33	41.2	2	2
100*50	104	52	50	137.5	2	1.5
100*65	104	70	44	93.5	2	2
100*80	104	85	60	52.4	2	2

פרול לריתוך BPE BPE Welding Ferrule



WELD FERRULE

TYPE	SIZE	ØA	ØB	ØD	L	L1	L2
A	1/4"	4.6	6.35	25	12.7	28.7	44.5
	3/8"	7.75	9.53	25	12.7	28.7	44.5
	1/2"	9.4	12.7	25	12.7	28.7	44.5
	3/4"	15.75	19.05	25	12.7	28.7	44.5
	1.0"	22.1	25.4	34	12.7	28.7	44.5
B	1.0"	22.1	25.4	50.4	12.7	28.7	44.5
	1.5"	34.8	38.1	50.4	12.7	28.7	44.5
	2.0"	47.5	50.8	63.9	12.7	28.7	57.2
	2.5"	60.2	63.5	77.4	12.7	28.7	57.2
	3.0"	72.9	76.2	90.9	12.7	28.7	57.2
	4.0"	97.4	101.6	118.9	15.9	28.7	57.2
	6.0"	146.9	152.4	166.9	19.1	38.1	76.2





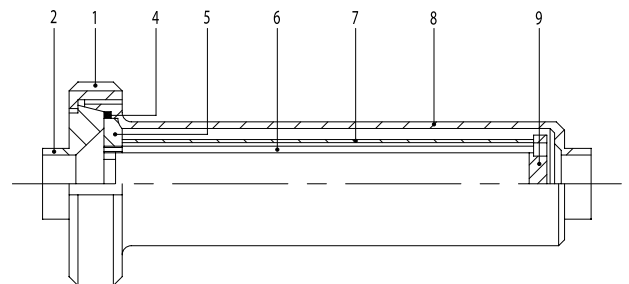
FILTERS

- Filtering parts easily extractable.
- Standard production: sheet metal filter cartridges with 1 mm holes. On request available with 0.5 mm, 2 mm or 3 mm holes and metal screen cover from 80 to 500 meshes.
- Standard finish: 120 grain external polishing and internal glazing.
- Other finishes on request.
- Maximum operating pressure: 5 bars.



LINE FILTER

1. Nut
2. Plain connection
4. Seal
5. Upper disk
6. Tie rod
7. Filter
8. Filter casing
9. Lower disk



CODING

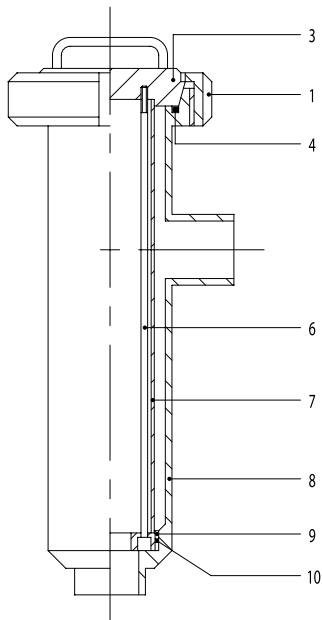
Pos.	Cod. base	Norme	1" 25	D 25 28	D 32 34	1 1/2" 38	D 40 40	2" 51	D 50 52	2 1/2" 63	D 65 70	3" 76	D 80 85	4" 101	D 100 101	4" 104	D 100 104	Mat.	Part. o agg.
1	121	D	65	65	65	65	65	65	65	80	80	100	100	100	100	100	100	4L/6L	
2	116	D	65/25	65/28	65/34	65/38	65/40	65/51	65/52	80/63	80/70	100/76	100/85	100/101	100/101	100/104	100/104	4L/6L	
4	131	D	65	65	65	65	65	65	65	80	80	100	100	100	100	100	100	N	
5	400		25/52	25/52	25/52	25/52	25/52	25/52	25/52	63/70	63/70	76/85	76/85	101	101	101	101	6L	05
6	400		25/40	25/40	25/40	25/40	25/40	51/52	51/52	63/70	63/70	76/85	76/85	101	101	101	101	6L	06
7	400		25/52	25/52	25/52	25/52	25/52	25/52	25/52	63/70	63/70	76/85	76/85	101	101	101	101	6L	07
8	400		25/40	25/40	25/40	25/40	25/40	51/52	51/52	63/70	63/70	76/85	76/85	101	101	101	101	4L/6L	08
9	400	L	25	28	34	38	40	51	52	63	70	76	85	101	101	101	101	6L	09

* לא קיים במלאי זמין, ניתן להזמין לפי דרישה

90° FILTER

LINE FILTER

1. Nut
3. Blank
4. Seal
5. Upper disk
6. Tie rod
7. Filter
8. Filter casing
9. Lower disk
10. OR seal ring

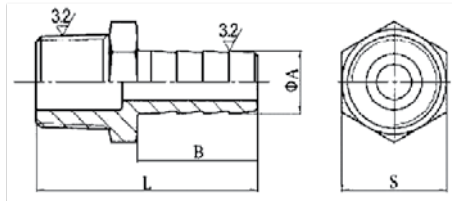


CODING

Pos.	Cod. base	Norme	1" 25	D 25 28	D 32 34	1 1/2" 38	D 40 40	2" 51	D 50 52	2 1/2" 63	D 65 70	3" 76	D 80 85	4" 101	D 100 101	4" 104	D 100 104	Mat.	Part. o agg.
1	121	D	65	65	65	65	65	65	65	80	80	100	100	100	100	100	100	4L/6L	
3	410		65	65	65	65	65	65	65	80	80	100	100	100	100	100	100	4L/6L	03
4	131	D	65	65	65	65	65	65	65	80	80	100	100	100	100	100	100	N	
6	410		25/40	25/40	25/40	25/40	25/40	51/52	51/52	63/70	63/70	76/85	76/85	101	101	101	101	6L	06
7	410		25/52	25/52	25/52	25/52	25/52	25/52	25/52	63/70	63/70	76/85	76/85	101	101	101	101	6L	07
8	410		25/40	25/40	25/40	25/40	25/40	51/52	51/52	63/70	63/70	76/85	76/85	101	101	101	101	4L/6L	08
9	410	L	25	28	34	38	40	51	52	63	70	76	85	101	101	101	101	6L	09
10	OR		159	159	159	159	159	159	159	174	174	4350	4350	3375	3375	3375	3375	N	

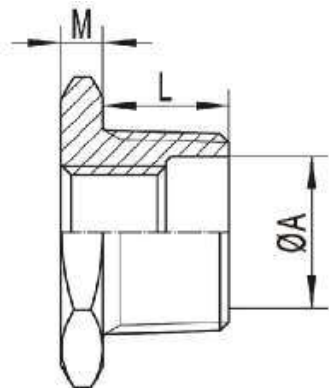
* לא קיים במלאי זמין, ניתן להזמין לפי דרישה

אוליבה Hose Nipple Male Hose Barb



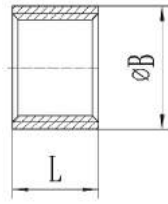
Inch	DN	L	A	B	S
1/4"	8	39.5	6.5	24	15
3/8"	10	49	10	33	18
1/2"	15	57.5	14	38	22
3/4"	20	66	20	45	28
1"	25	76	27	52	35
1 1/4"	32	79	33	52	44
1 1/2"	40	83	39.5	56	50
2"	50	92	52	60	61.5
2 1/2"	65	99	67	65	78
3"	80	107.5	80	70	90

בושינג משושה Reducing Bushing (ISO4144)



Inch	DN	A	L	M
1/4" X 1/8"	8X6	8	10.5	4.5
3/8" X 1/8"	10X6	11.5	11	4.5
3/8" X 1/4"	10X8	11.5	11	4.5
1/2" X 1/8"	15X6	15	14.5	4.5
1/2" X 1/4"	15X8	15	14.5	5
1/2" X 3/8"	15X10	15	14.5	5
3/4" X 1/8"	20X6	20.6	15.5	5.7
3/4" X 1/4"	20X8	20.6	15.5	5.7
3/4" X 3/8"	20X10	20.6	15.5	5.7
3/4" X 1/2"	20X15	20.6	15.5	5.7
1" X 1/4"	25X8	26.1	17.9	6.2
1" X 3/8"	25X10	26.1	17.9	6.2
1" X 1/2"	25X15	26.1	17.9	6.2
1" X 3/4"	25X20	26.1	17.9	6.2
1 1/4" X 3/8"	32X10	34.7	20.3	6.8
1 1/4" X 1/2"	32X15	34.7	20.3	6.8
1 1/4" X 3/4"	32X20	34.7	20.3	6.8
1 1/4" X 1"	32X25	34.7	20.3	6.8
1 1/2" X 1/2"	40X15	40.2	20.5	6.8
1 1/2" X 3/4"	40X20	40.2	20.5	6.8
1 1/2" X 1"	40X25	40.2	20.5	6.8
1 1/2" X 1 1/4"	40X32	40.2	20.5	6.8
2" X 1/2"	50X15	51.1	24.8	7
2" X 3/4"	50X20	51.1	24.8	7
2" X 1"	50X25	51.1	24.8	7
2" X 1 1/4"	50X32	51.1	24.8	7
2" X 1 1/2"	50X40	51.1	24.8	7
2 1/2" X 3/4"	60X20	65.8	26.8	7
2 1/2" X 1"	60X25	65.8	26.8	7
2 1/2" X 1 1/4"	60X32	65.8	26.8	7
2 1/2" X 1 1/2"	60X40	65.8	26.8	7
2 1/2" X 2"	60X50	65.8	26.8	7
3" X 3/4"	80X20	77.5	31	11
3" X 1"	80X25	78.7	29.7	8
3" X 1 1/4"	80X32	77.8	29.5	7.5
3" X 1 1/2"	80X40	77.8	29.5	7.5
3" X 2"	80X50	77.8	29.5	7.5
3" X 2 1/2"	80X65	77.8	29.5	7.5
4" X 1 1/2"	100X40	101.8	35.5	8
4" X 2"	100X50	101.8	35.5	8
4" X 2 1/2"	100X65	101.8	35.5	8
4" X 3"	100X80	101.8	35.5	8

חצי מופה (ISO4144) Half Socket

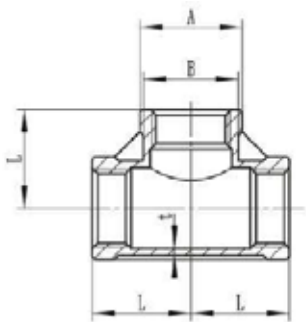


Inch	DN	L	B
1/8"	6	7.5	13
1/4"	8	11	16.5
3/8"	10	11.5	20
1/2"	15	15	24.5
3/4"	20	16.5	30
1"	25	19.5	37
1 1/4"	32	21.5	46.5
1 1/2"	40	21.5	53
2"	50	26	65
2 1/2"	65	30.5	81.5
3"	80	33.5	95
4"	100	39.5	121.5

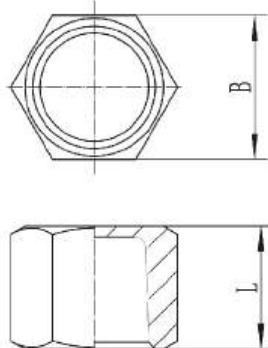
טי סימטרי מתוברג Equal Tee (ISO4144)



Inch	DN	L	A	B	t
1/8"	6	17	14.5	13	2
1/4"	8	19	18	16.5	2
3/8"	10	23	21.5	20	2
1/2"	15	27	26	24.5	1.8
3/4"	20	32	31.5	30	1.8
1"	25	38	39	37.5	2
1 1/4"	32	45	48	46.5	2.4
1 1/2"	40	48	55	53	2.5
2"	50	57	67.5	65.5	2.8
2 1/2"	65	69	84	82	3.3
3"	80	78	98.5	95.5	3.8
4"	100	96	124.5	121.5	4.3

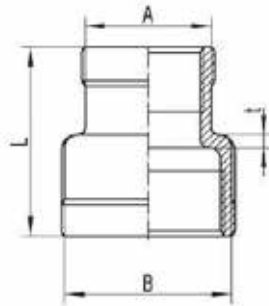


Hex. Cap (ISO4144) כיפה נקבה משושה



Inch	DN	B	L	Squares
1/8"	6	13	12.5	Hex
1/4"	8	16.5	16	Hex
3/8"	10	19.8	16.5	Hex
1/2"	15	24.5	21	Hex
3/4"	20	30	22.5	Oct
1"	25	37	26	Oct
1 1/4"	32	46.5	29	Oct
1 1/2"	40	53	29	Oct
2"	50	65	33.5	Oct
2 1/2"	65	82	38.5	Dec
3"	80	95.5	42	Dec
4"	100	120	48	Dec

Reducing Socket (ISO4144) מופה מעבר



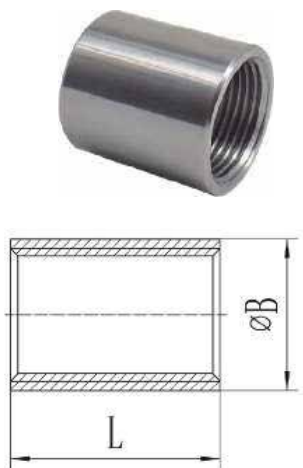
Inch	DN	A	B	L	t
1/4" X 1/8"	8x6	13	16.5	25	3
3/8" X 1/8"	10x6	13	20	26	3
3/8" X 1/4"	10x8	16.5	20	26	3
1/2" X 1/8"	15x6	13	24.5	34	3
1/2" X 1/4"	15x8	16.5	24.5	34	3
1/2" X 3/8"	15x10	20	24.5	34	3
3/4" X 1/8"	20x6	12.5	30.5	34.5	3
3/4" X 1/4"	20x8	16.5	30	36	3
3/4" X 3/8"	20x10	20	30	36	3
3/4" X 1/2"	20x15	24.5	30	36	3
1" X 1/4"	25x8	15	38	37	3
1" X 3/8"	25x10	20	37.5	42	3.5
1" X 1/2"	25x15	24.5	37.5	42	3.5
1" X 3/4"	25x20	30	37.5	42	3.5
1 1/4" X 3/8"	32x8	15	46.5	39.5	3
1 1/4" X 1/2"	32x10	18.5	46.5	41.5	3
1 1/4" X 3/4"	32x15	24.5	46.5	48	3.75
1 1/4" X 1"	32x20	30	46.5	48	3.75
1 1/2" X 1/2"	32x25	37.5	46.5	48	3.75
1 1/2" X 3/4"	40x10	18.5	53	43	3
1 1/2" X 1"	40x15	24.5	53	52	4
1 1/2" X 1 1/4"	40x20	30	53	52	4
2" X 1/2"	40x25	37.5	53	52	4
2" X 3/4"	40x32	46.5	53	52	4
2" X 1"	50x15	25.5	65	45	3.5
2" X 1 1/4"	50x20	30	65.5	58	4.5
2" X 1 1/2"	50x25	37.5	65.5	58	4.5
2 1/2" X 3/4"	50x32	46.5	65.5	58	4.5
2 1/2" X 1"	50x40	53	65.5	58	4.5
2 1/2" X 1 1/4"	65x25	37.5	81.5	64.5	5
2 1/2" X 1 1/2"	65x32	46.5	81.5	64.5	5
2 1/2" X 2"	65x40	53	81.5	65	5
3" X 3/4"	65x50	65.5	81.5	65	5
3" X 1"	80x32	46.5	95	72	6
3" X 1 1/4"	80x40	53	95	72	6
3" X 1 1/2"	80x50	65.5	95.5	72	6
3" X 2"	80x65	82	95.5	72	6
3" X 2 1/2"	100x40	53	121.5	93	6
4" X 1 1/2"	100x50	65.5	121.5	93	6
4" X 2"	100x65	82	121.5	94	6
4" X 2 1/2"	100x80	95.5	121.5	94	6
4" X 3"					

מופה (ISO4144) Socket



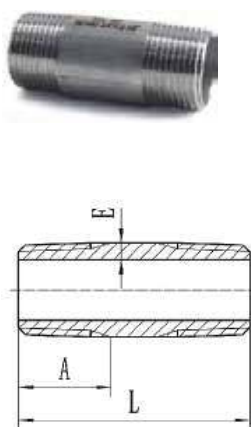
Inch	DN	L	B
1/8"	6	17	13
1/4"	8	24	16.5
3/8"	10	25	20
1/2"	15	32	24.5
3/4"	20	35	30
1"	25	41	37
1 1/4"	32	45	46.5
1 1/2"	40	45	53
2"	50	54	65
2 1/2"	65	63	81.5
3"	80	69	95
4"	100	81	121.5

מופה (DIN2986) Socket



Inch	DN	L	B
1/8"	6	17	15
1/4"	8	25	18.5
3/8"	10	26	21.3
1/2"	15	34	26.6
3/4"	20	36	31.8
1"	25	43	39.5
1 1/4"	32	48	48.3
1 1/2"	40	48	54.5
2"	50	56	66.2
2 1/2"	65	65	82
3"	80	71	95
4"	100	83	121.4

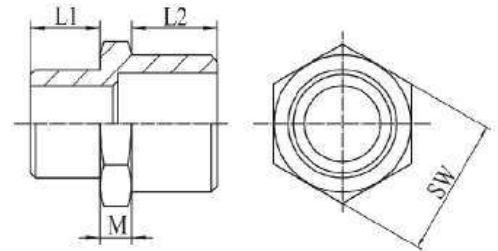
ניפל כפול (SCH40) Barrel Nipple



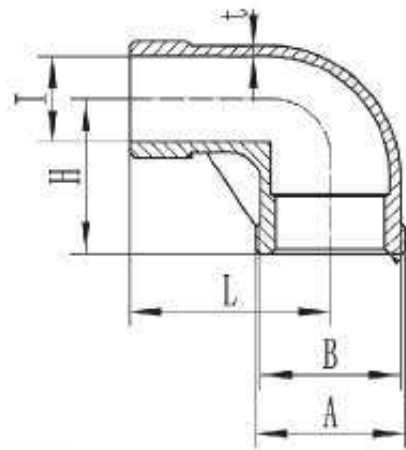
Inch	DN	L	B	E
1/8"	6	40	11	1.73
1/4"	8	40	11	2
3/8"	10	40	12	2.1
1/2"	15	60	15	2.5
3/4"	20	60	17	2.5
1"	25	60	19	3
1 1/4"	32	80	22	3.2
1 1/2"	40	80	22	3.3
2"	50	100	26	3.5
2 1/2"	65	100	32	4.6
3"	80	120	34	5
4"	100	120	40	5.5

ניפל מעבר Reducing Nipple(ISO4144)

Inch	DN	L1	M	L2	SW	Squares
1/4" - 1/8"	8x6	8	4	10.5	14.5	Hex
3/8" - 1/8"	10x6	8	5	11	18	Hex
3/8" - 1/4"	10x8	10.5	5	11	18	Hex
1/2" - 1/8"	15x6	8	5	14.5	22	Hex
1/2" - 1/4"	15x8	10.5	5	14.5	22	Hex
1/2" - 3/8"	15x10	11	5	14.5	22	Hex
3/4" - 1/4"	20x8	10.5	5.5	15.5	28	Oct
3/4" - 3/8"	20x10	11	5.5	15.5	28	Oct
3/4" - 1/2"	20x15	14.5	5.5	15.5	28	Oct
1" - 1/4"	25x8	11	9	18	35	Oct
1" - 3/8"	25x10	11	6	18	35	Oct
1" - 1/2"	25x15	14.5	6	18	35	Oct
1" - 3/4"	25x20	15.5	6	18	35	Oct
1 1/4" - 1/2"	32x15	14.5	6.5	20.5	43.5	Oct
1 1/4" - 3/4"	32x20	15.5	6.5	20.5	43.5	Oct
1 1/4" - 1"	32x25	18	6.5	20.5	43.5	Oct
1 1/2" - 3/8"	40x10	11	6.5	20.5	49	Oct
1 1/2" - 1/2"	40x15	14.5	6.5	20.5	49	Oct
1 1/2" - 3/4"	40x20	15	6.5	20.5	49	Oct
1 1/2" - 1"	40x25	18	6.5	20.5	49	Oct
1 1/2" - 1 1/4"	40x32	20.5	6.5	20.5	49	Oct
2" - 1/2"	50x15	14	12	24	62	Oct
2" - 3/4"	50x20	15.5	7	25	61.5	Oct
2" - 1"	50x25	18	7	25	61.5	Oct
2" - 1 1/4"	50x32	20.5	7	25	61.5	Oct
2 1/2" - 1 1/4"	50x40	20.5	7	25	61.5	Oct
2 1/2" - 1 1/2"	65x25	17.5	7	27	77	Dec
2 1/2" - 2"	65x32	20.5	7	27	77	Dec
2 1/2" - 1 1/2"	65x40	20.5	7	27	77	Dec
2 1/2" - 2"	65x50	25	7	27	77	Dec
3" - 1 1/4"	80x32	20	7.5	30	90.5	Dec
3" - 1 1/2"	80x40	20.5	7.5	30	90.5	Dec
3" - 2"	80x50	25	7.5	30	90.5	Dec
3" - 2 1/2"	80x65	27	7.5	30	90.5	Dec
4" - 1 1/2"	100x40	20	8	36	116	Dec
4" - 2"	100x50	25	8	36	116	Dec
4" - 2 1/2"	100x65	27	8	36	116.5	Dec
4" - 3"	100x80	30	8	36	116.5	Dec



קשת סטריט 90° זכר נקבה 90 Street Elbow(ISO4144)

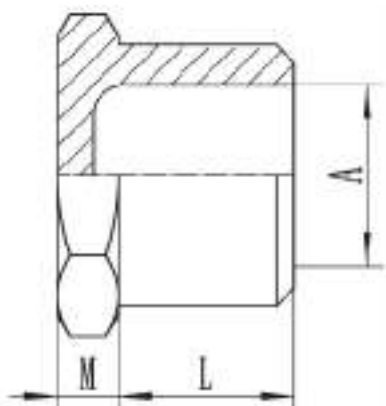


Inch	DN	L	A	B	t	H
1/8"	6	26	14.5	13	1.8	17
1/4"	8	27	18	16.5	1.8	19
3/8"	10	29	21.5	20	1.8	23
1/2"	15	35	26	24.5	1.8	27
3/4"	20	40	31.5	30	1.8	32
1"	25	46	39	37.5	2	38
1 1/4"	32	54	48	46.5	2.4	45
1 1/2"	40	57	55	53	2.5	48
2"	50	70	67.5	65.5	2.8	57
2 1/2"	65	83	84	82	3.3	69
3"	80	94	98.5	95.5	3.7	78
4"	100	115	124.5	121.5	4.2	97

פקק זכר משושה Hex. Plug(ISO4144)



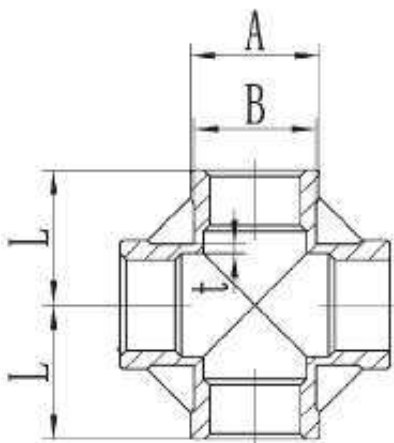
Inch	DN	L	M	A	Squares
1/8"	6	8	4	5.5	Hex
1/4"	8	10.5	4	8	Hex
3/8"	10	11	5	11.5	Hex
1/2"	15	14.5	5	15	Hex
3/4"	20	15.5	5.5	20.5	Oct
1"	25	18	6	26	Oct
1 1/4"	32	20.5	6.5	34.5	Oct
1 1/2"	40	20.5	6.5	40	Oct
2"	50	25	7	51	Oct
2 1/2"	65	27	7	65.5	Oct
3"	80	30	7.5	77.5	Oct
4"	100	36	8	101.5	Oct



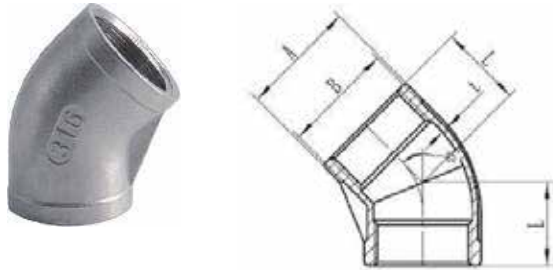
צלב Cross(ISO4144)



Inch	DN	L	A	B	t
1/8"	6	17	14.5	13	1.8
1/4"	8	19	18	16.5	1.8
3/8"	10	23	21.5	20	1.8
1/2"	15	27	26	24.5	1.8
3/4"	20	32	31.5	30	1.8
1"	25	38	39	37.5	2
1 1/4"	32	45	48	46.5	2.4
1 1/2"	40	48	55	53	2.5
2"	50	57	67.5	65.5	2.8
2 1/2"	65	69	84	82	3.3
3"	80	78	98.5	95.5	3.8
4"	100	96	124.5	121.5	4.3



קשת 45° נקבה נקבה (ISO4144) 45 Elbow



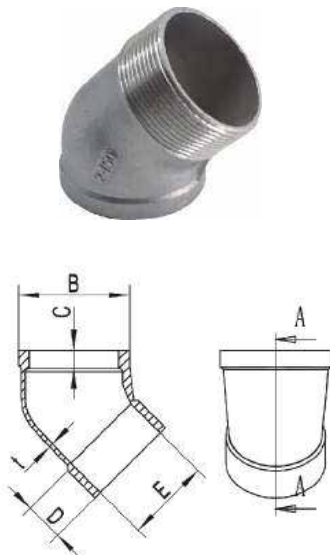
Inch	DN	L	A	B	t
1/8"	6	16	14.5	13	2.3
1/4"	8	17	18	16.5	2.55
3/8"	10	19	21.5	20	2.55
1/2"	15	21	26	24.5	1.8
3/4"	20	25	31.5	30	1.8
1"	25	29	39	37.5	2
1 1/4"	32	33	48	46.5	2.4
1 1/2"	40	37	55	53	2.5
2"	50	42	67.5	65.5	2.8
2 1/2"	65	49	84	82	3.3
3"	80	54	98.5	95.5	3.8
4"	100	64	124.5	121.5	4.3

קשת 90° נקבה נקבה (ISO4144) 90 Elbow



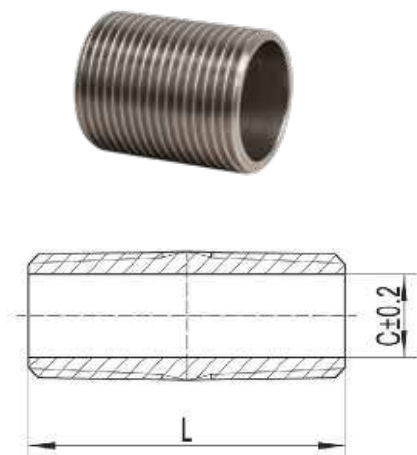
Inch	DN	L	A	B	t
1/8"	6	17	14.5	13	2
1/4"	8	19	18	16.5	2
3/8"	10	23	21.5	20	2
1/2"	15	27	26	24.5	1.8
3/4"	20	32	31.5	30	1.8
1"	25	38	39	37.5	2
1 1/4"	32	45	48	46.5	2.4
1 1/2"	40	48	55	53	2.5
2"	50	57	67.5	65.5	2.8
2 1/2"	65	69	84	82	3.3
3"	80	78	98.5	95.5	3.8
4"	100	96	124.5	121.5	4.3

קשת סטריט 45° זכר נקבה (ISO4144) 45 Street Elbow



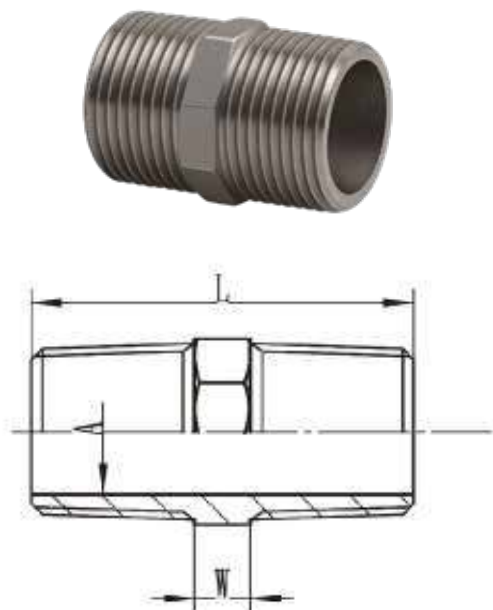
Inch	DN	B	C	D	E	t
1/4"	8	17	10	11	2.2	6.8
3/8"	10	20.4	12	11	1.5	11.3
1/2"	15	25	9	12.5	1.3	16
3/4"	20	31	11.5	12	1.5	22
1"	25	38.5	13.5	14	1.8	27
1 1/4"	32	48	12.5	18.5	1.8	36
1 1/2"	40	54.8	16	19	2.2	40.5
2"	50	66.5	16	23	2.5	50.5
2 1/2"	65	84.5	22.5	27	3.5	64

ניפל הברגה מלאה (SCH40) Parallel Nipple



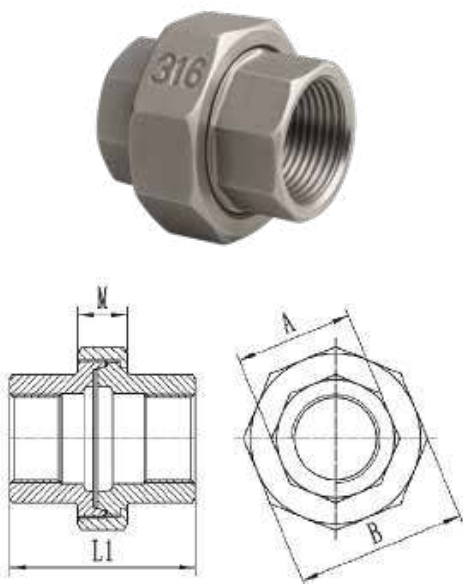
Inch	DN	L	C
1/8"	6	16	6.84
1/4"	8	18	9.72
3/8"	10	22	12.95
1/2"	15	25	16.34
3/4"	20	30	21.67
1"	25	35	27.4
1 1/4"	32	38	35.76
1 1/2"	40	38	41.66
2"	50	45	53.33
2 1/2"	65	55	67.1
3"	80	60	78.9
4"	100	70	103.3

ניפל משושה (ISO4144) Hex. Nipple



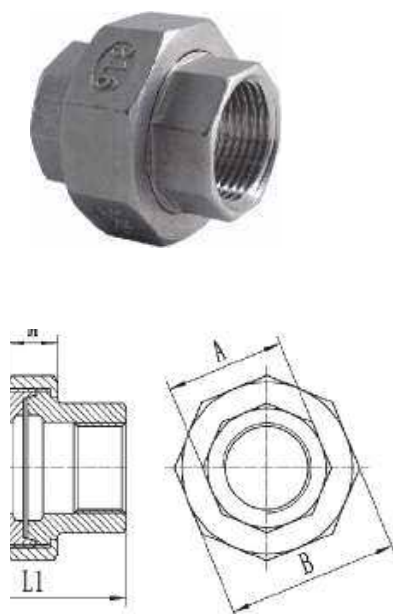
Inch	DN	L	W	A	Squares
1/8"	6	20	4	5.5	Hex
1/4"	8	25	4	8	Hex
3/8"	10	27	5	11.5	Hex
1/2"	15	34	5	15	Hex
3/4"	20	36.5	5.5	20.5	Oct
1"	25	42	6	26	Oct
1 1/4"	32	47.5	6.5	34.5	Oct
1 1/2"	40	47.5	6.5	40	Oct
2"	50	57	7	51	Oct
2 1/2"	65	61	7	65.5	Dec
3"	80	67.5	7.5	77.5	Dec
4"	100	80	8	101.5	Dec

רקורד קוני נקבה ללא אטם Union Conical Female Female(ISO4144)



Inch	DN	A	B	L1	Squares
1/8"	6	13	26	30	Hex
1/4"	8	16.5	29	33.5	Oct
3/8"	10	20	34	36.5	Oct
1/2"	15	24.5	37	39.5	Oct
3/4"	20	30	44	42.5	Oct
1"	25	37	52.5	50	Oct
1 1/4"	32	46.5	63	54	Oct
1 1/2"	40	53	70	58	Oct
2"	50	65	84	65	Oct
2 1/2"	65	82	101.5	75	Dec
3"	80	95.5	118	83	Dec
4"	100	121.5	148.5	110	Dec

רקורד נקבה נקבה עם אטם Teflon Union PTFE Female Female(ISO4144)



Inch	DN	A	B	L1	M	Squares
1/8"	6	13	26	30	13	Hex
1/4"	8	16.5	29	33.5	13.5	Oct
3/8"	10	20	34	36.5	15	Oct
1/2"	15	24.5	37	39.5	16	Oct
3/4"	20	30	44	42.5	17	Oct
1"	25	37	52.5	50	20	Oct
1 1/4"	32	46.5	63	54	22	Oct
1 1/2"	40	53	70	58	24	Oct
2"	50	65	84	65	27	Oct
2 1/2"	65	82	101.5	75	29.5	Dec
3"	80	95.5	118	83	31	Dec
4"	100	121.5	148.5	110	34	Dec

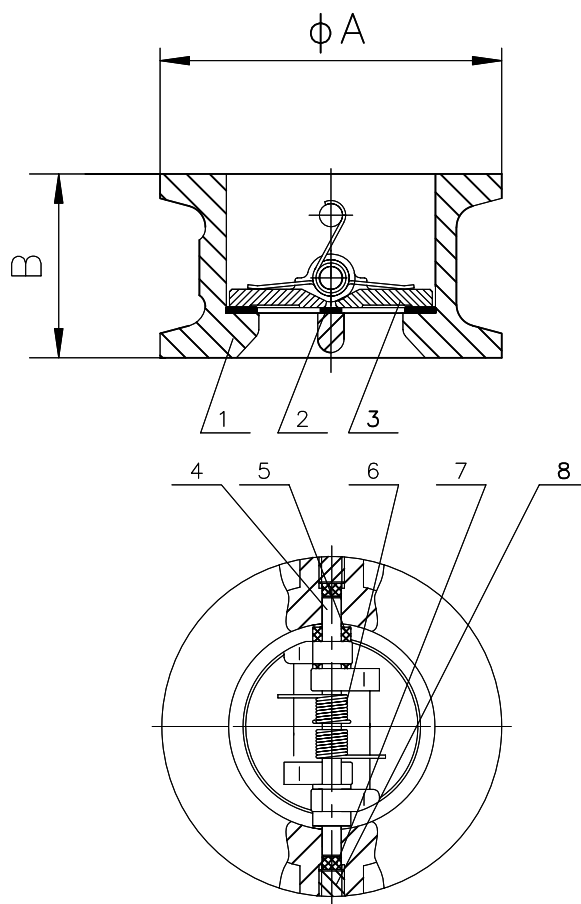
שסתומי פרפר קונצנטריים בין אוגנים מסוג Wafer לתעשיית מים ולתעשייה כללית

שסתום א"ח בין אוגנים גוף ברזל מדף נירוסטה דו כנפי 2.5"-6"

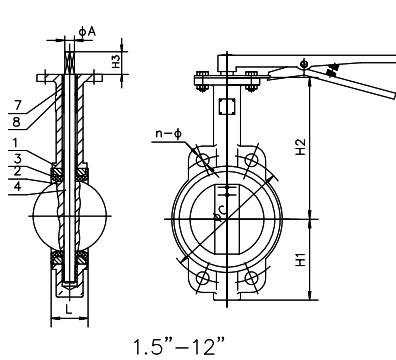


NO.	PARTS NAME	MATERIAL
1	BODY	CI/DI/WCB/CF8/CF8M
2	SEAT	EPDM/NBR/VITON
3	DISC	DI/SS/BZ
4	STEM	SS410/SS304/SS316
5	GASKET	F4
6	SPRING	STAINLESS STEEL
7	GLAND BUSH	EPDM/NBR
8	SCREW	Q235-A

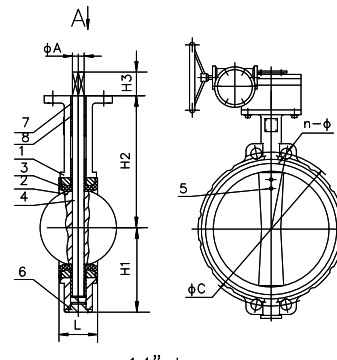
NPS	ANSI B16.1		DIN PN10/16/25	
	ϕA	B	ϕA	B
2"	100	54	107	43
2.5"	120	54	127	46
3"	133	57	142	64
4"	171	64	162	64
5"	194	70	192	70
6"	219	76	218	76



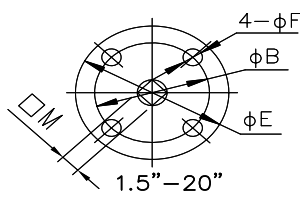
ברזי פרפר בין אוגנים גיר/ידני Butterfly Valves VT-BV (Manual and Gear)



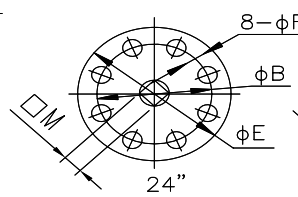
1.5"–12"



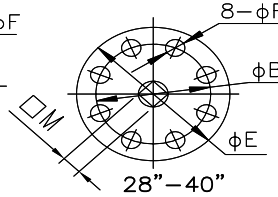
14" above



1.5"–20"



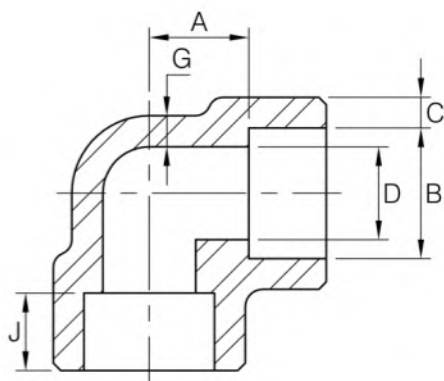
24"



28"–40"

DN	H1	H2	H3	L	φA	φE	φB	φF	M	DIN PN10		DIN PN16		ANSI B16.1		JIS 10K	
										φC	n–φ	φC	n–φ	φC	n–φ	φC	n–φ
DN40	70	110	32	35	12.7	92	70	9	9	110	4–φ18	110	4–φ18	98.5	4–φ16	95	4–φ15
DN50	76	162	32	45	12.7	92	70	9	9	125	4–φ18	125	4–φ18	120.65	4–φ19	120	4–φ19
DN65	89	175	32	48	12.7	92	70	9	9	145	4–φ18	145	4–φ18	139.7	4–φ19	140	4–φ19
DN80	95	181	32	49	12.7	92	70	9	11	160	4–φ18	160	8–φ18	152.4	4–φ19	150	4–φ19
DN100	114	200	32	55	15.8	92	70	9	11	180	8–φ18	180	8–φ18	190.5	8–φ19	175	8–φ19
DN125	127	213	32	58	19.05	92	70	9	14	210	8–φ18	210	8–φ18	215.9	8–φ22	210	8–φ22
DN150	140	225	32	59	19.05	92	70	9	14	240	8–φ23	240	8–φ23	241.3	8–φ22	240	8–φ22
DN200	177	260	36	64	22.2	125	102	11	17	295	8–φ23	295	12–φ23	298.45	8–φ22	290	8–φ22
DN250	203	292	36	70	28.6	125	102	11	22	350	12–φ23	355	12–φ27	361.95	12–φ25	355	12–φ25
DN300	242	337	36	80	31.8	150	125	13	22	400	12–φ23	410	12–φ27	431.8	12–φ25	400	16–φ25
DN350	267	368	45	80	31.8	150	125	13	22	460	16–φ23	470	16–φ27	476.25	12–φ29	445	16–φ25
DN400	298	400	51	90	33.3	210	165	22	22	515	16–φ27	525	16–φ30	539.75	16–φ29	510	16–φ27
DN450	318	422	51	109	38	210	165	22	27	565	20–φ27	585	20–φ30	577.85	16–φ32	565	20–φ27
DN500	349	479	64	135	41.15	210	165	22	27	620	20–φ27	650	20–φ33	635	20–φ32	620	20–φ27
DN600	410	562	70	156	50.65	300	254	18	36	725	20–φ30	770	20–φ36	749.3	20–φ35	730	24–φ33
DN700	520	624	72	169	55	300	254	18	40	840	24–φ30	840	24–φ36	–	–	840	24–φ33
DN750	516	624	72	175	55	300	254	18	40	–	–	–	–	914.5	4–1 1/4"–6	900	24–φ33
DN800	591	672	83	195	55	300	254	18	40	950	24–φ33	950	24–φ39	977.9	4–1 1/2"–6	950	28–φ33
DN900	611	768	77	211	74.25	300	254	18	53	1050	28–φ33	1050	28–φ39	1086	4–1 1/2"–6	1050	28–φ33
DN1000	665	823	85	229	84.2	300	254	18	60	1160	28–φ36	1170	28–φ42	–	–	1160	28–φ39
DN1200	955	880	206	249	92	350	298	22	60	1380	32–φ39	–	–	1422.5	44–φ41	1380	32–φ39

קשת 90 ר/ר #3000 Elbow 90 SW 304L/316L #3000
ASME B16.11-2009(REVISION OF ASME B16.11-2005)



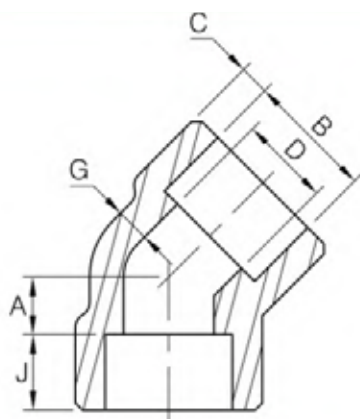
Dimensions in Millimeters.

Socket Welding								
DN	Nom. Pipe Size	B ⁽²⁾	C ⁽¹⁾		D ⁽²⁾	A ⁽²⁾	G (Min)	J (Min)
			(Avg)	(Min)				

3000Lb

6	1/8	10.8	3.18	3.18	6.9	11.0	2.41	9.5
8	1/4	14.2	3.78	3.30	9.3	11.0	3.02	9.5
10	3/8	17.6	4.01	3.50	12.6	13.5	3.20	9.5
15	1/2	21.8	4.67	4.09	15.8	15.5	3.73	9.5
20	3/4	27.2	4.90	4.27	21.0	19.0	3.91	12.5
25	1	33.9	5.69	4.98	26.7	22.5	4.55	12.5
32	1-1/4	42.7	6.07	5.28	35.1	27.0	4.85	12.5
40	1-1/2	48.8	6.35	5.54	40.9	32.0	5.08	12.5
50	2	61.2	6.93	6.04	52.5	38.0	5.54	16.0
65	2-1/2	73.9	8.76	7.67	62.7	41.0	7.01	16.0
80	3	89.8	9.52	8.30	78.0	57.0	7.62	16.0
100	4	115.2	10.69	9.35	102.3	66.5	8.56	19.0

קשת 45 ר/ר #3000 Elbow 45 SW 304L/316L #3000
ASME B16.11-2009(REVISION OF ASME B16.11-2005)



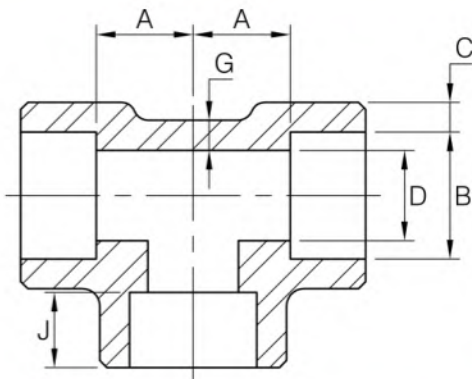
Dimensions in Millimeters.

Socket Welding								
DN	Nom. Pipe Size	B ⁽²⁾	C ⁽¹⁾		D ⁽²⁾	A ⁽²⁾	G (Min)	J (Min)
			(Avg)	(Min)				

3000Lb

6	1/8	10.8	3.18	3.18	6.9	8.0	2.41	9.5
8	1/4	14.2	3.78	3.30	9.3	8.0	3.02	9.5
10	3/8	17.6	4.01	3.50	12.6	8.0	3.20	9.5
15	1/2	21.8	4.67	4.09	15.8	11.0	3.73	9.5
20	3/4	27.2	4.90	4.27	21.0	13.0	3.91	12.5
25	1	33.9	5.69	4.98	26.7	14.0	4.55	12.5
32	1-1/4	42.7	6.07	5.28	35.1	17.5	4.85	12.5
40	1-1/2	48.8	6.35	5.54	40.9	20.5	5.08	12.5
50	2	61.2	6.93	6.04	52.5	25.5	5.54	16.0
65	2-1/2	73.9	8.76	7.67	62.7	28.5	7.01	16.0
80	3	89.8	9.52	8.30	78.0	32.0	7.62	16.0
100	4	115.2	10.69	9.35	102.3	41.0	8.56	19.0

טי / ר / 3000# ee SW 316L/304L #3000
ASME B16.11-2009(REVISION OF ASME B16.11-2005)



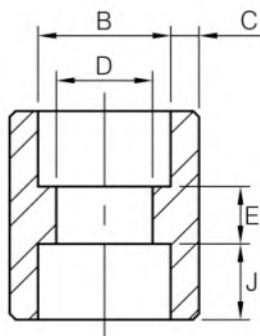
Dimensions in Millimeters.

Socket Welding								
DN	Nom. Pipe Size	B ⁽²⁾	C ⁽¹⁾		D ⁽²⁾	A ⁽²⁾	G (Min)	J (Min)
			(Avg)	(Min)				

3000Lb

6	1/8	10.8	3.18	3.18	6.9	11.0	2.41	9.5
8	1/4	14.2	3.78	3.30	9.3	11.0	3.02	9.5
10	3/8	17.6	4.01	3.50	12.6	13.5	3.20	9.5
15	1/2	21.8	4.67	4.09	15.8	15.5	3.73	9.5
20	3/4	27.2	4.90	4.27	21.0	19.0	3.91	12.5
25	1	33.9	5.69	4.98	26.7	22.5	4.55	12.5
32	1-1/4	42.7	6.07	5.28	35.1	27.0	4.85	12.5
40	1-1/2	48.8	6.35	5.54	40.9	32.0	5.08	12.5
50	2	61.2	6.93	6.04	52.5	38.0	5.54	16.0
65	2-1/2	73.9	8.76	7.67	62.7	41.0	7.01	16.0
80	3	89.8	9.52	8.30	78.0	57.0	7.62	16.0
100	4	115.2	10.69	9.35	102.3	66.5	8.56	19.0

מופה / ר / 3000# Full Coupling SW 304L/316L #3000
ASME B16.11-2009(REVISION OF ASME B16.11-2005)



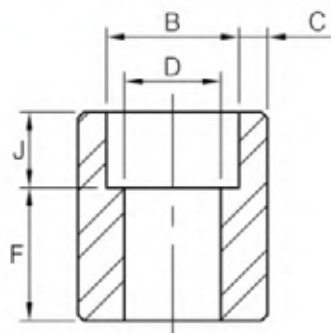
Dimensions in Millimeters.

Socket Welding							
DN	Nom. Pipe Size	B ⁽²⁾	C ⁽¹⁾		D ⁽²⁾	E ⁽²⁾	J (Min)
			(Avg)	(Min)			

3000Lb

6	1/8	10.8	3.18	3.18	6.9	6.5	9.5
8	1/4	14.2	3.78	3.30	9.3	6.5	9.5
10	3/8	17.6	4.01	3.50	12.6	6.5	9.5
15	1/2	21.8	4.67	4.09	15.8	9.5	9.5
20	3/4	27.2	4.90	4.27	21.0	9.5	12.5
25	1	33.9	5.69	4.98	26.7	12.5	12.5
32	1-1/4	42.7	6.07	5.28	35.1	12.5	12.5
40	1-1/2	48.8	6.35	5.54	40.9	12.5	12.5
50	2	61.2	6.93	6.04	52.5	19.0	16.0
65	2-1/2	73.9	8.76	7.67	62.7	19.0	16.0
80	3	89.8	9.52	8.30	78.0	19.0	16.0
100	4	115.2	10.69	9.35	102.3	19.0	19.0

#3000 Half Coupling SW 304L/316L #3000 חצי מופה ר/ר ASME B16.11-2009(REVISION OF ASME B16.11-2005)



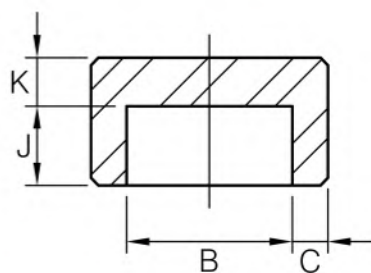
Dimensions in Millimeters.

Socket Welding						
DN	Nom. Pipe Size	B ⁽²⁾	C ⁽¹⁾		D ⁽²⁾	F ⁽²⁾
			(Avg)	(Min)		

3000Lb

6	1/8	10.8	3.18	3.18	6.9	16.0	9.5
8	1/4	14.2	3.78	3.30	9.3	16.0	9.5
10	3/8	17.6	4.01	3.50	12.6	17.5	9.5
15	1/2	21.8	4.67	4.09	15.8	22.5	9.5
20	3/4	27.2	4.90	4.27	21.0	24.0	12.5
25	1	33.9	5.69	4.98	26.7	28.5	12.5
32	1-1/4	42.7	6.07	5.28	35.1	30.0	12.5
40	1-1/2	48.8	6.35	5.54	40.9	32.0	12.5
50	2	61.2	6.93	6.04	52.5	41.0	16.0
65	2-1/2	73.9	8.76	7.67	62.7	43.0	16.0
80	3	89.8	9.52	8.30	78.0	44.5	16.0
100	4	115.2	10.69	9.35	102.3	48.0	19.0

3000# Cap SW 304L/316L #3000 כיפה ר/ר ASME B16.11-2009(REVISION OF ASME B16.11-2005)



Dimensions in Millimeters.

Socket Welding						
DN	Nom. Pipe Size	B ⁽²⁾	C ⁽¹⁾		K	J
			(Avg)	(Min)		

3000Lb

6	1/8	10.8	3.18	3.18	4.8	9.5
8	1/4	14.2	3.78	3.30	4.8	9.5
10	3/8	17.6	4.01	3.50	4.8	9.5
15	1/2	21.8	4.67	4.09	6.4	9.5
20	3/4	27.2	4.90	4.27	6.4	12.5
25	1	33.9	5.69	4.98	9.6	12.5
32	1-1/4	42.7	6.07	5.28	9.6	12.5
40	1-1/2	48.8	6.35	5.54	11.2	12.5
50	2	61.2	6.93	6.04	12.7	16.0
65	2-1/2	73.9	8.76	7.67	15.7	16.0
80	3	89.8	9.52	8.30	19.0	16.0
100	4	115.2	10.69	9.35	22.4	19.0

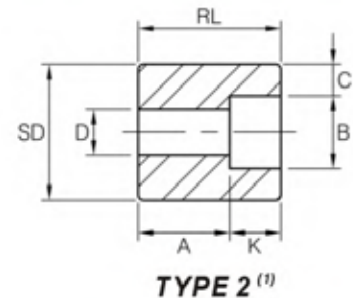
SW 3000# Reducer Insert SW 304L/316L #3000 אינסרט מעבר
ASME B16.11-2009(REVISION OF ASME B16.11-2005)

Dimensions in Millimeters.

Nom. Pipe Size	Type ⁽¹⁾		Socket		Shank Dia. SD	Laying Length A		Bore D		Wall (Min) C		Length			
												SL		RL (Min)	
	3M	6M	Dia. B	Depth (Min) K		3M	6M	3M	6M	3M	6M	3M	6M	3M	6M
3/8 x 1/4	1	1	14.35	10	17.15	19	21	9.0	6.5	3.78	4.60	14	16	—	—
1/2 x 3/8	1	1	17.78	10	21.34	21	23	12.5	9.0	4.01	5.03	16	16	—	—
1/2 x 1/4	1	1	14.35	10	21.34	21	21	9.0	6.5	3.78	4.60	16	16	—	—
3/4 x 1/2	1	1	21.97	10	26.67	22	25	16.0	12.0	4.67	5.97	17	19	—	—
3/4 x 3/8	2	1	17.78	10	26.67	16	22	12.5	9.0	4.01	5.03	—	19	27	—
3/4 x 1/4	2	2	14.35	10	26.67	18	22	9.0	6.5	3.78	4.60	—	—	27	32
1 x 3/4	1	1	27.31	13	33.40	24	28	21.0	15.5	4.90	6.96	19	21	—	—
1 x 1/2	2	1	21.97	10	33.40	16	28	16.0	12.0	4.67	5.97	—	21	28	—
1 x 3/8	2	2	17.78	10	33.40	18	22	12.5	9.0	4.01	5.03	—	—	28	33
1 x 1/4	2	2	14.35	10	33.40	19	24	9.0	6.5	3.78	4.60	—	—	28	33
1-1/4 x 1	1	1	34.04	13	42.16	25	30	26.5	20.5	5.69	7.92	21	22	—	—
1-1/4 x 3/4	2	2	27.31	13	42.16	18	21	21.0	15.5	4.90	6.96	—	—	32	35
1-1/4 x 1/2	2	2	21.97	10	42.16	19	22	16.0	12.0	4.67	5.97	—	—	32	35
1-1/4 x 3/8	2	2	17.78	10	42.16	21	24	12.5	9.0	4.01	5.03	—	—	32	35
1-1/4 x 1/4	2	2	14.35	10	42.16	22	25	9.0	6.5	3.78	4.60	—	—	32	35
1-1/2 x 1-1/4	1	1	42.80	13	48.26	28	35	35.0	29.5	6.07	7.92	22	25	—	—
1-1/2 x 1	2	1	34.04	13	48.26	18	29	26.5	20.5	5.69	7.92	—	25	33	—
1-1/2 x 3/4	2	2	27.31	13	48.26	19	25	21.0	15.5	4.90	6.96	—	—	33	40
1-1/2 x 1/2	2	2	21.97	10	48.26	21	27	16.0	12.0	4.67	5.97	—	—	33	40
1-1/2 x 3/8	2	2	17.78	10	48.26	22	28	12.5	9.0	4.01	5.03	—	—	33	40
2 x 1-1/2	1	1	48.90	13	60.33	32	39	41.0	34.0	6.35	8.92	25	28	—	—
2 x 1-1/4	2	2	42.80	13	60.33	21	24	35.0	29.5	6.07	7.92	—	—	38	41
2 x 1	2	2	34.04	13	60.33	22	25	26.5	21.0	5.69	7.92	—	—	38	41
2 x 3/4	2	2	27.31	13	60.33	24	27	21.0	15.5	4.90	6.96	—	—	38	41
2 x 1/2	2	2	21.97	10	60.33	25	28	16.0	12.0	4.67	5.97	—	—	38	41

(1) At the option of the manufacturer Type 2 Reducers may be furnished in Type 1 configuration.

(2) 3M & 6M symbols denote 3000 and 6000 classes.



(Continued)

Dimensions in Millimeters.

Nom. Pipe Size	Type ⁽¹⁾		Socket		Shank Dia. SD	Laying Length A		Bore D		Wall (Min) C		Length			
												SL		RL (Min)	
	3M	6M	Dia. B	Depth (Min) K		3M	6M	3M	6M	3M	6M	3M	6M	3M	6M
2-1/2 x 2	1	1	61.37	16	73.02	46	43	52.5	43.0	6.93	10.92	32	38	—	—
2-1/2 x 1-1/2	2	2	48.90	13	73.02	35	35	41.0	34.0	6.35	8.92	—	—	54	54
2-1/2 x 1-1/4	2	2	42.80	13	73.02	37	37	35.0	29.5	6.07	7.92	—	—	54	54
2-1/2 x 1	2	2	34.04	13	73.02	38	38	26.5	20.5	5.69	7.92	—	—	54	54
2-1/2 x 3/4	2	2	27.31	13	73.02	40	38	21.0	15.5	4.90	6.96	—	—	54	54
3 x 2-1/2	1	1	74.07	16	88.90	38	57	62.5	54.0	8.76	11.91	32	44	—	—
3 x 2	2	2	61.37	16	88.90	25	32	52.5	43.0	6.93	10.92	—	—	48	54
3 x 1-1/2	2	2	48.90	13	88.90	28	32	41.0	34.0	6.35	8.92	—	—	48	54
3 x 1-1/4	2	2	42.80	13	88.90	30	32	35.0	29.5	6.07	7.92	—	—	48	54
3 x 1	2	2	34.04	13	88.90	32	32	26.5	20.5	5.69	7.92	—	—	48	54
4 x 3	2	—	90.04	16	114.30	33	—	78.0	—	9.5	—	—	—	60	—
4 x 2-1/2	2	—	74.07	16	114.30	38	—	62.5	—	8.76	—	—	—	60	—
4 x 2	2	—	61.37	16	114.30	38	—	52.5	—	6.93	—	—	—	60	—
4 x 1-1/2	2	—	48.90	13	114.30	42	—	41.0	—	6.35	—	—	—	60	—
4 x 1-1/4	2	—	42.80	13	114.30	43	—	35.0	—	6.07	—	—	—	60	—

(1) At the option of the manufacturer Type 2 Reducers may be furnished in Type 1 configuration.

(2) 3M & 6M symbols denote 3000 and 6000 classes.

DIMENSIONAL TOLERANCES OF REDUCER INSERT

MSS SP-79-2004

Unit : mm

	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
Laying Length (A)	±1.5	±1.5	±1.5	±1.5	±2.0	±2.0	±2.0	±2.0	±2.5	±2.5	±2.5
Socket Dia (B)	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.4	±0.4	±0.4
Bore (D)	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±1.5	±1.5	±1.5
Shank Dia (SD)	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.50	±0.50	±0.75
Shank Length (SL)	±0	±0	±0	±0	±0	±0	±0	±0	±0	±0	±0

316L BSP 150# מחברי קמלוק CAM-LOCK #150 BSP Type A - Adaptor Female Thread

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
Size of thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
B: Overall Length	40.9	39	48.35	52.5	54.7	63.5	68	70	74.6	79.2
	40.9	39	48.35	52.5	54.7	63.5	68	70	74.6	79.2
A: Min I. D.	14.3	21	23.8	30.8	38.5	46	58	73.2	98.2	150
C: Max Across Corners of Adapteors	28.8	39.2	43.8	51.9	60.4	70.4	82.3	97.8	126.8	187.6



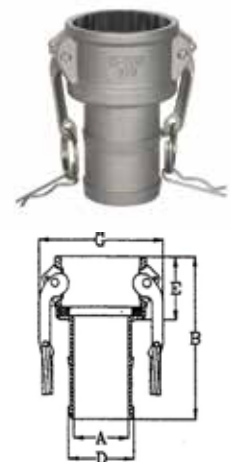
Type B - Coupler Male Thread

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
Size of thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
G: Max O.D.	45.7	53.3	60.9	82.6	90.3	99.8	112.4	137.6	165.6	238.3
B: Overall Length	47.3	51	58	65.57	65.7	75.4	83.3	86.5	90.3	105.4
E: Exposed Length	31.4	32	39	44.5	45	50	54.3	55.5	55.5	65.5
A: Min I.D	15	19	25	32.6	39	50.8	63	76.2	100.8	153



Type C - Coupler Hose Shank

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
Size of thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
G: Max O.D.	45.7	53.3	60.9	82.6	90.3	99.8	112.4	137.6	165.6	238.3
B: Overall Length	87	82.8	96.2	102.5	104	120.57	142.3	159.12	165.5	227.87
E: Exposed Length	31.4	32	39	44.5	45	50	54.3	55.5	55.5	65.5
A: Min I.D	7.7	13.8	19.8	25.9	32.3	44.5	56.7	68	93.4	144.8
D: Shank O.D.	14.6	21	27	33.7	40.1	52.7	66.3	79	104.4	156.8



Type D - Coupler Female Thread

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
Size of thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
G: Max O.D.	45.7	53.3	60.9	82.6	90.3	99.8	112.4	137.6	165.6	238.3
B: Overall Length	49.5	51	58.64	67.5	67	72.2	85.64	86.5	88.8	103.5
E: Exposed Length	31.4	32	39	44.5	45	50	54.3	55.5	55.5	65.5
A: Min I.D	18	21	25	34.9	39	50.8	63	76.2	100.8	152.6



CAM-LOCK #150 BSP 316L BSP 150# מחברי קמלוק

Type E - Adaptor Hose Shank

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
Size of thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
C: Max O.D.	30.3	35	38	48	55.4	65.3	79.5	93.5	121.5	179
B: Overall Length	86.5	86.3	107.47	109.5	113	129.58	149.5	166.6	175.5	238.5
E: Exposed Length	42	35.5	48.6	51.5	54	59.5	61.5	65	66.5	75
A: Min I.D.	7.8	13.8	19.8	25.9	32.3	44.5	56.7	68	93.4	144.8
D: Shank O.D.	14.6	21	27	33.7	40.1	52.7	66.3	79	104.4	156.8



Type F - Adaptor Male Thread

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
Size of thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
B: Overall Length	49	58	67.5	73.2	74.7	83.62	97	101	107.9	116.3
E: Exposed Length	34	39	48.5	52.5	54	61.7	68	70	74.6	79.2
A: Min I.D.	14.2	21	23.8	30.8	38.5	46	58	73.2	98.2	150
C: Max O.D.	28.6	39.2	43.8	51.9	60.4	70.4	85.3	97.8	126.8	187.6



Type DC - Dust Cup

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
Size of thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
G: Max O.D.	45.7	53.3	60.9	82.6	90.3	99.8	112.4	137.6	165.6	238.3
B: Overall Length	43.2	46	53	55.2	59.4	65.2	69.8	71.5	72	85.77
E: Exposed Length	33.6	34	41	46.5	47.7	53.2	57.8	59.5	60	70.5

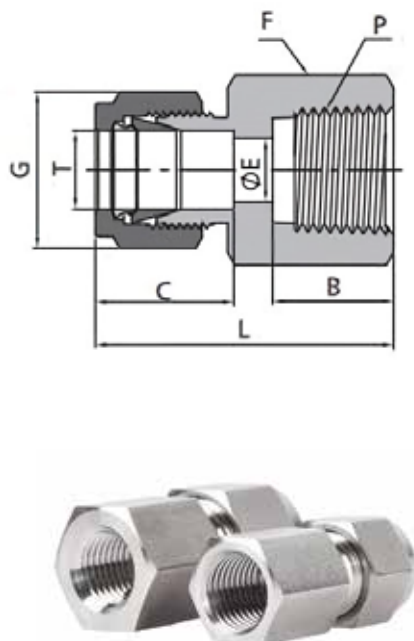


Type DP - Dust Plug

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
Size of thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
B: Overall Length	37.36	40.5	48.5	51.2	56.6	63.4	65	67	68.8	80.53
E: Exposed Length	27.6	27.5	36.5	42	44	50.8	53	55	52.6	65.5

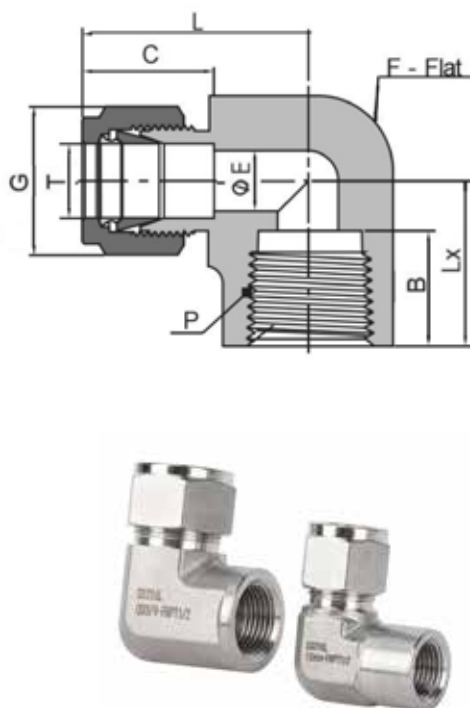


מחבר לחץ נקבה Female Connector



T TUBE O.D.	P	E	F	G	C	B	L
1/16"	1/16" NPT	1.3	11.1	7.9	8.6	9.9	23.6
	1/8" NPT	1.3	14.3	7.9	8.6	10.4	24.4
1/8"	1/8" NPT	2.3	14.3	11.1	12.7	10.4	28.7
	1/4" NPT	2.3	19.1	11.1	12.7	15	33.5
3/16"	1/8" NPT	3	14.3	12.7	13.7	10.4	29.7
1/4"	1/8" NPT	4.8	14.3	14.3	15.2	10.4	31.2
	1/4" NPT	4.8	19.1	14.3	15.2	15	35.8
	3/8" NPT	4.8	22.2	14.3	15.2	15	37.6
	1/2" NPT	4.8	27	14.3	15.2	19.8	42.4
5/16"	1/8" NPT	6.4	14.3	15.9	16.3	10.4	32
	1/4" NPT	6.4	19.1	15.9	16.3	15	36.8
3/8"	1/8" NPT	7.1	15.9	17.5	16.8	10.4	32.8
	1/4" NPT	7.1	19.1	17.5	16.8	15	37.6
	3/8" NPT	7.1	22.2	17.5	16.8	15	39.1
	1/2" NPT	7.1	27	17.5	16.8	19.8	43.9
1/2"	3/4" NPT	7.1	33.3	17.5	16.8	20.6	47.8
	1/4" NPT	10.4	20.6	22.2	22.9	15	40.4
	3/8" NPT	10.4	22.2	22.2	22.9	15	41.9
	1/2" NPT	10.4	27	22.2	22.9	19.8	46.7
5/8"	3/4" NPT	10.4	33.3	22.2	22.9	20.6	48.3
	3/8" NPT	12.7	23.8	25.4	24.4	15	41.9
3/4"	1/2" NPT	12.7	27	25.4	24.4	19.8	46.7
	3/4" NPT	15.7	27	28.6	24.4	19.8	46.7
7/8"	1/2" NPT	15.7	33.3	28.6	24.4	20.6	48.3
	3/4" NPT	18.3	33.3	31.8	25.9	20.6	49.8
1"	3/4" NPT	22.4	33.3	38.1	31.2	20.6	53.3
	1" NPT	22.4	41.3	38.1	31.2	25.4	62.2
1-1/4"	1-1/4" NPT	27.7	54	47.6	41.1	25.4	74.7
1-1/2"	1-1/2" NPT	34	60.3	57.2	50	27.7	83.8

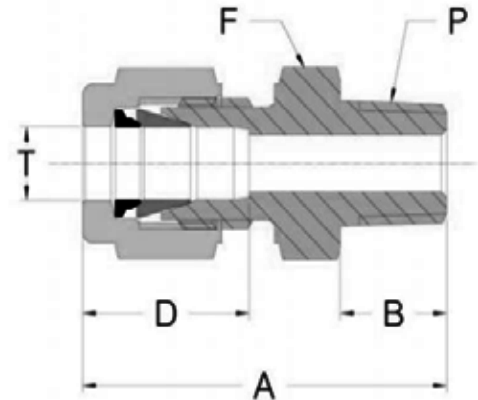
מחבר לחץ קשת Female Elbow CONNECTOR



T TUBE O.D.	P	G	E	F	B	C	L	Lx
1/16"	1/16" NPT	7.9	1.3	11.1	9.9	8.6	18	14.2
	1/8" NPT	7.9	1.3	14.3	10.4	8.6	20.6	19.1
1/8"	1/8" NPT	11.1	2.3	12.7	10.4	12.7	24.6	19.1
	1/4" NPT	11.1	2.3	17.5	15	12.7	27.4	22.4
3/16"	1/8" NPT	12.7	3	12.7	10.4	13.7	25.4	19.1
1/4"	1/8" NPT	14.3	4.8	12.7	10.4	15.2	26.9	19.1
	1/4" NPT	14.3	4.8	17.5	15	15.2	29.7	22.4
	3/8" NPT	14.3	4.8	20.6	15	15.2	31.8	22.4
	1/2" NPT	14.3	4.8	25.4	19.8	15.2	34.5	28.4
5/16"	1/8" NPT	15.9	6.4	14.3	10.4	16.3	28.7	19.1
	1/4" NPT	15.9	6.4	17.5	15	16.3	30.5	22.4
3/8"	1/8" NPT	17.5	7.1	15.9	10.4	16.8	30.5	19.1
	1/4" NPT	17.5	7.1	17.5	15	16.8	31.2	22.4
	3/8" NPT	17.5	7.1	20.6	15	16.8	33.3	22.4
	1/2" NPT	17.5	7.1	25.4	19.8	16.8	36.1	28.4
1/2"	1/4" NPT	22.2	10.4	20.6	15	22.9	36.1	22.4
	3/8" NPT	22.2	10.4	20.6	15	22.9	36.1	22.4
5/8"	1/2" NPT	22.2	10.4	25.4	19.8	22.9	38.9	28.4
	3/8" NPT	25.4	12.7	23.8	15	24.4	38.1	22.4
3/4"	1/2" NPT	25.4	12.7	27	19.8	24.4	39.9	28.4
	3/4" NPT	28.6	15.7	27	19.8	24.4	39.9	28.4
7/8"	3/4" NPT	28.6	15.7	34.9	20.6	24.4	44.7	31.8
	3/4" NPT	31.8	18.3	34.9	20.6	25.9	44.7	31.8
1"	3/4" NPT	38.1	22.4	34.9	20.6	31.2	49	31.8
	1" NPT	38.1	22.4	42.9	25.4	31.2	53.6	38.1

unit:mm

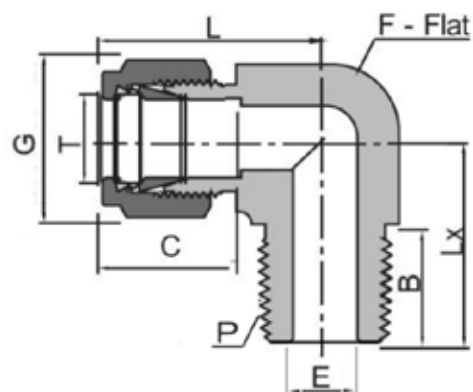
MALE CONNECTOR מחבר לחץ זכר



T TUBE O.D.	P	A	D	B	F	T TUBE O.D.	P	A	D	B	F
1/16"	1/16" NPT	23.9	8.6	9.7	7.9	1/2"	1/8" NPT	38.9	22.9	9.7	20.6
	1/8" NPT	26.2	8.6	9.7	11.1		1/4" NPT	43.4	22.9	14.2	20.6
	1/4" NPT	31	8.6	14.2	14.3		3/8" NPT	43.4	22.9	14.2	20.6
1/8"	1/16" NPT	29.7	12.7	9.7	11.1		1/2" NPT	49	22.9	19.1	22.2
	1/8" NPT	30.5	12.7	9.7	11.1		3/4" NPT	50.5	22.9	19.1	27
	1/4" NPT	35.6	12.7	14.2	14.3		1" NPT	57.2	22.9	23.2	34.9
	3/8" NPT	35.8	12.7	14.2	17.5	5/8"	1/4" NPT	44.2	24.4	14.2	23.8
	1/2" NPT	42.2	12.7	19.1	22.2		3/8" NPT	44.2	24.4	14.2	23.8
3/16"	1/16" NPT	31.2	13.7	9.7	11.1		1/2" NPT	49	24.4	19.1	23.8
	1/8" NPT	31.2	13.7	9.7	11.1		3/4" NPT	50.5	24.4	19.1	27
	1/4" NPT	36.3	13.7	14.2	14.3	3/4"	3/8" NPT	45.7	24.4	14.2	27
1/4"	1/16" NPT	32.8	15.2	9.7	12.7		1/2" NPT	50.5	24.4	19.1	27
	1/8" NPT	32.8	15.2	9.7	12.7		3/4" NPT	50.5	24.4	19.1	27
	1/4" NPT	37.8	15.2	14.2	14.3		1" NPT	57.2	24.4	23.9	34.9
	3/8" NPT	38.4	15.2	14.2	17.5	7/8"	1/2" NPT	50.5	25.9	19.1	30.2
	1/2" NPT	44.7	15.2	19.1	22.2		3/4" NPT	50.5	25.9	19.1	30.2
5/16"	3/4" NPT	46.2	15.2	19.1	27		1" NPT	57.2	25.9	23.9	34.9
	1/8" NPT	34	16.3	9.7	14.3	1"	1/2" NPT	57.4	31.2	19.1	34.9
	1/4" NPT	38.6	16.3	9.7	14.3		3/4" NPT	57.4	31.2	19.1	34.9
	3/8" NPT	39.1	16.3	14.2	17.5		1" NPT	62.2	31.2	23.9	34.9
3/8"	1/2" NPT	45.5	16.3	19.1	22.2	1-1/8"	1" NPT	62.2	36.7	23.9	41.3
	1/8" NPT	35.3	16.8	9.7	15.9	1-1/4"	1" NPT	77.2	41.1	23.9	44.5
	1/4" NPT	39.9	16.8	14.2	15.9		1-1/4" NPT	77.2	41.1	23.9	44.5
	3/8" NPT	39.9	16.8	14.2	17.5	1-1/2"	1-1/2" NPT	88.9	50	26.2	54
	1/2" NPT	46.2	16.8	19.1	22.2						
	3/4" NPT	47.8	16.8	19.1	27						
	1" NPT	54.4	16.8	23.9	34.9						

unit:mm

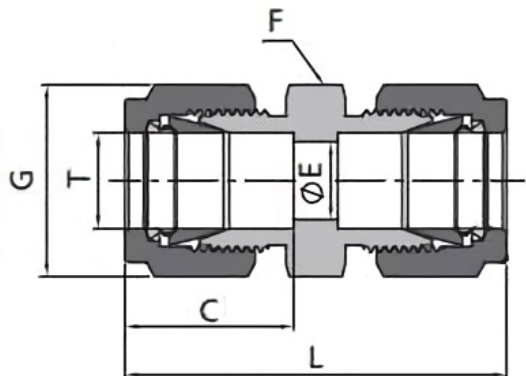
מחבר לחץ קשת זכר Male Elbow CONNECTOR



T TUBE O.D.	P	G	E	F	B	C	L	Lx
1/16"	1/16" NPT	7.9	1.3	11.1	9.7	8.6	19.1	17.8
	1/8" NPT	7.9	1.3	11.1	9.7	8.6	19.1	17.8
1/8"	1/16" NPT	11.1	2.4	11.1	9.7	12.7	23.6	17.8
	1/8" NPT	11.1	2.4	11.1	9.7	12.7	23.6	17.8
	1/4" NPT	11.1	2.4	12.7	14.2	12.7	24.6	23.4
3/16"	1/8" NPT	12.7	3	12.7	9.7	13.7	25.4	18.8
	1/4" NPT	12.7	3	12.7	14.2	13.7	25.4	23.4
1/4"	1/16" NPT	14.3	3	12.7	9.7	15.2	26.9	18.8
	1/8" NPT	14.3	4.8	12.7	9.7	15.2	26.9	18.8
	1/4" NPT	14.3	4.8	12.7	14.2	15.2	26.9	23.4
	3/8" NPT	14.3	4.8	17.5	14.2	15.2	29.7	26.2
	1/2" NPT	14.3	4.8	20.6	19.1	15.2	31.8	33
5/16"	1/8" NPT	15.9	4.8	14.3	9.7	16.3	28.7	19.8
	1/4" NPT	15.9	6.4	14.3	14.2	16.3	28.7	24.4
	3/8" NPT	15.9	6.4	17.5	14.2	16.3	30.5	26.2
	1/2" NPT	15.9	6.4	20.6	19.1	16.3	32.3	28.2
3/8"	1/8" NPT	17.5	4.8	15.9	9.7	16.8	30.5	20.8
	1/4" NPT	17.5	7.1	15.9	14.2	16.8	30.5	25.4
	3/8" NPT	17.5	7.1	17.5	14.2	16.8	31.2	26.2
	1/2" NPT	17.5	7.1	20.6	19.1	16.8	33.3	33
	3/4" NPT	17.5	7.1	27	19.1	16.8	37.1	36.8
1/2"	1/4" NPT	22.2	7.1	20.6	14.2	22.9	36.1	28.2
	3/8" NPT	22.2	9.7	20.6	14.2	22.9	36.1	28.2
	1/2" NPT	22.2	10.4	20.6	19.1	22.9	36.1	33
	3/4" NPT	22.2	10.4	27	19.1	22.9	39.9	36.8
5/8"	3/8" NPT	25.4	9.7	23.8	14.2	24.4	38.1	30.2
	1/2" NPT	25.4	11.9	23.8	19.1	24.4	38.1	35.1
	3/4" NPT	25.4	12.7	27	19.1	24.4	39.9	36.8
3/4"	1/2" NPT	28.6	11.9	27	19.1	24.4	39.9	36.8
	3/4" NPT	28.6	15.7	27	19.1	24.4	39.9	36.8
7/8"	3/4" NPT	31.8	15.7	34.9	19.1	25.9	44.7	41.7
1"	3/4" NPT	38.1	15.7	34.9	19.1	31.2	49	41.7
	1" NPT	38.1	22.4	34.9	23.9	31.2	49	46.5
1-1/4"	1-1/4" NPT	47.6	27.7	42.9	23.9	41.1	66.5	52.4
1-1/2"	1-1/2" NPT	57.2	34	50.8	26.2	50	78	60.5

unit:mm

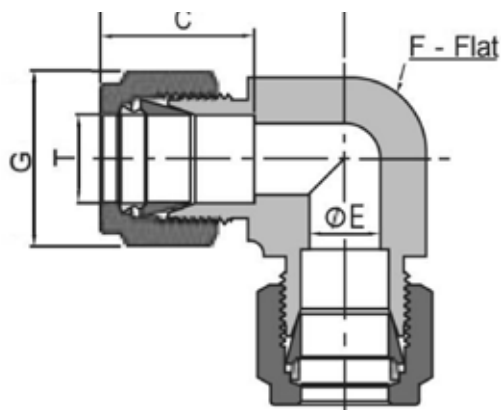
מחבר לחץ רקורד UNION CONNECTOR



T TUBE O.D.	E	F	G	C	L
1/16"	1.3	7.9	7.9	8.6	25.1
1/8"	2.3	11.1	11.1	12.7	35.6
3/16"	3	12.7	12.7	13.7	37.3
1/4"	4.8	12.7	14.3	15.2	40.9
5/16"	6.4	14.3	15.9	16.2	42.9
3/8"	7.1	15.9	17.5	16.8	45
1/2"	10.4	20.6	22.2	22.9	51.3
5/8"	12.7	23.9	25.4	24.4	52.1
3/4"	15.7	27	28.6	24.4	53.6
7/8"	18.3	30.2	31.8	25.9	55.7
1"	22.4	34.9	38.1	31.2	64.8
1-1/8"	24.6	41.3	44.5	36.7	88.2
1-1/4"	27.7	44.5	47.6	41.1	92.2
1-1/2"	34	54	57.2	50	108

unit:mm

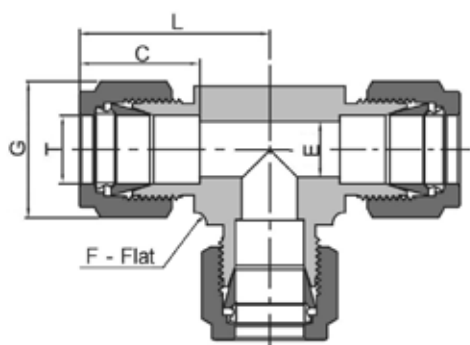
מחבר לחץ רקורד קשת Union Elbow CONNECTOR



T TUBE O.D.	G	E	F	C	L
1/16"	7.9	1.3	9.5	8.6	17.8
1/8"	11.1	2.3	9.5	12.7	22.4
3/16"	12.7	3	12.7	13.7	25.4
1/4"	14.3	4.8	12.7	15.2	26.9
5/16"	15.9	6.4	14.3	16.3	28.7
3/8"	17.5	7.1	15.9	16.8	30.5
1/2"	22.2	10.4	20.6	22.9	36.1
5/8"	25.4	12.7	23.8	24.4	38.1
3/4"	28.6	15.7	27	24.4	39.9
7/8"	31.8	18.3	34.9	25.9	44.7
1"	38.1	22.4	34.9	31.2	49
1-1/8"	44.5	24.6	42.9	36.7	66.9
1-1/4"	47.6	27.7	42.9	41.1	66.5
1-1/2"	57.2	34	50.8	50	78

unit:mm

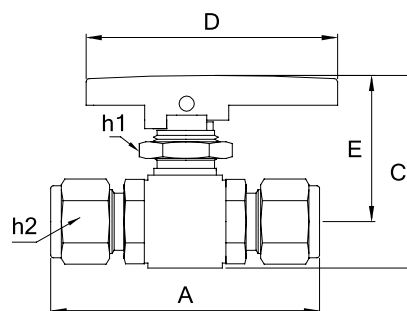
מחבר לחץ רקורד טי Union Tee CONNECTOR



T TUBE O.D.	G	E	F	C	L
1/16"	7.9	1.3	9.5	8.6	17.8
1/8"	11.1	2.3	9.5	12.7	22.4
3/16"	12.7	3	11.1	13.7	24.4
1/4"	14.3	4.8	12.7	15.2	26.9
5/16"	15.9	6.4	15.9	16.2	29.7
3/8"	17.5	7.1	15.9	16.8	30.5
1/2"	22.2	10.4	20.6	22.9	36.1
5/8"	25.4	12.7	25.4	24.4	38.9
3/4"	28.6	15.7	27	24.4	39.9
7/8"	31.8	18.3	34.9	25.9	44.7
1"	38.1	22.4	34.9	31.2	49
1-1/8"	44.5	24.6	42.9	36.7	66.9
1-1/4"	47.6	27.7	42.9	41.1	66.5
1-1/2"	57.2	34	50.8	50	78

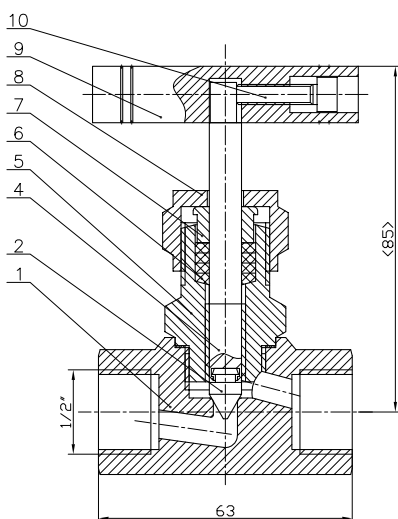
unit:mm

ברז כדורי למיכשור



End Connection		Inlet and Outlet Size	Orifice		Dimension						Panel Hole Size	Max Panel Thickness
			mm	in.	A	C	D	E	h1	h2		
Compression End	Fractional	1/8"	2.5	0.09	61.0	48.5	44.6	38.5	19	7/16	14	6
		1/4"	5.0	0.19	63.0	48.5	44.6	38.5	19	9/16	14	6
		3/8"	7.0	0.27	71.0	55.5	60.0	43.7	22	11/16	16	7
		1/2"	9.2	0.36	80.0	61.0	67.5	47.0	24	7/8	19	9
		3/4"	12.5	0.49	87.5	67.5	80.0	50.5	24	1-1/8	19	9

ברז מחט

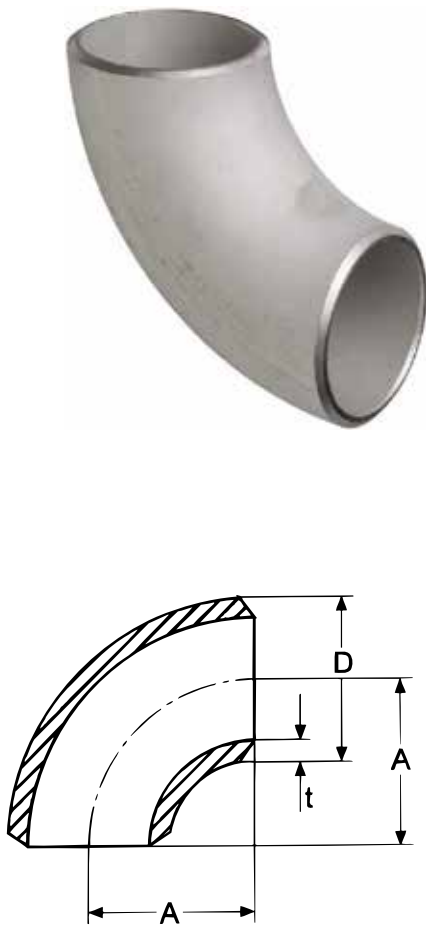


Feature

1. Design: ASME B16.34
2. Testing: API-598
3. Pressure Rating: 6000 CWP.

No.	Name	Q'ty	Materials
10	Bolt	1	304
9	Hamdle	1	304
8	Gland nut	1	316
7	Gland	1	304
6	Packing	4	PTFE
5	Bonnet	1	316
4	Stem	1	316
2	Disc	1	316
1	Body	1	316

קשת ארוכה 90° לריתוך סקדיוול 10/40 304/316 Long Elbow 90 W/W SCH10/40 304/316



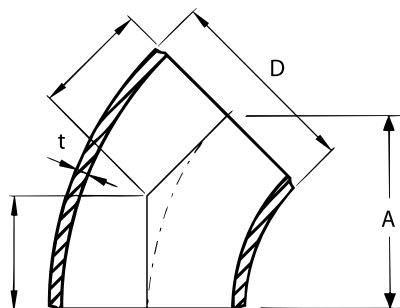
Dimensions in mm

Diameter	SCHEDULE	D	t
1/2"	10s	21 3	2 11
	40s	21 3	2 77
3/4"	10s	26 7	2 11
	40s	26 7	2 87
1"	10S	33 4	2 77
	40s	33 4	3 38
1 1/4 "	10s	42 2	2 77
	40s	42 2	3 56
1 1/2 "	10s	48 3	2 77
	40s	48 3	3 68
2"	10s	60 3	2 77
	40s	60 3	3 91
2 1/2 "	10s	73 0	3 05
	40s	73 0	5 16
3"	10s	88 9	3 05
	40s	88 9	5 49
4"	10s	114 3	3 05
	40s	114 3	6 02
6"	10s	168 3	3 40
	40s	168 3	7 11
8"	10s	219 1	3 76
	40s	219 1	8 18
	40s	273 1	9 27
12"	10/10S	323.9	4.57
	40	323.9	10.31
	40Sa	323.3	9.53
14"	10	355.6	6.35
	10S	355.6	4.78
	40	355.6	11.13
	40S	355.6	9.53
16"	10	406.4	6.35
	10S	406.4	4.78
	40	406.4	12.7
	40S	406.4	9.53
18"	10	457.2	6.35
	10S	457.2	4.78
	40	457.2	14.27
	40S	457.2	9.53
20"	10	508	6.35
	10S	508	5.54
	40	508	15.09
	40S	508	9.53
24"	10	609.6	6.35
	10S	609.6	6.35
	40	609.6	17.48
	40S	609.6	9.53

* ניתן להזמין עם ובלי תפר
* קיים מלאי זמין למידות 10SCH, S10SCH, 40SCH, S40SCH.
* ניתן להזמין מידות שונות לפי דרישה.

קשת ארוכה 45° לריתוך סקדיוול 10/40

Long Elbow 45 W/W SCH10/40 304/316



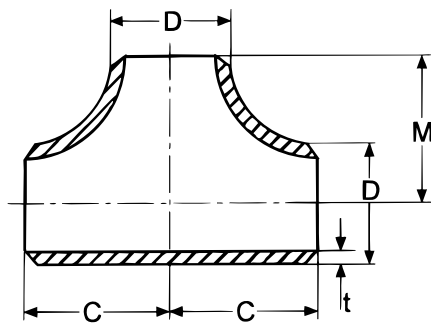
Dimensions in mm

Diameter	SCHEDULE	D	t
1/2"	10s	21 3	2 11
	40s	21 3	2 77
3/4"	10s	26 7	2 11
	40s	26 7	2 87
1"	10S	33 4	2 77
	40s	33 4	3 38
1 1/4"	10s	42 2	2 77
	40s	42 2	3 56
1 1/2"	10s	48 3	2 77
	40s	48 3	3 68
2"	10s	60 3	2 77
	40s	60 3	3 91
2 1/2"	10s	73 0	3 05
	40s	73 0	5 16
3"	10s	88 9	3 05
	40s	88 9	5 49
	40s	101 6	5 74
4"	10s	114 3	3 05
	40s	114 3	6 02
	40s	141 3	6 55
6"	10s	168 3	3 40
	40s	168 3	7 11
8"	10s	219 1	3 76
	40s	219 1	8 18
10"	10s	273 1	4 19
	40s	273 1	9 27
12"	10/10s	323 9	4 57
	40	323 9	10 31
	40sa	323 3	9 53
14"	10	355 6	6 35
	10s	355 6	4 78
	40	355 6	11 13
	40s	355 6	9 53
16"	10	406 4	6 35
	10s	406 4	4 78
	40	406 4	12 7
	40s	406 4	9 53
18"	10	457 2	6 35
	10s	457 2	4 78
	40	457 2	14 27
	40s	457 2	9 53
20"	10	508	6 35
	10s	508	5 54
	40	508	15 09
	40s	508	9 53
24"	10	609 6	6 35
	10s	609 6	6 35
	40	609 6	17 48
	40s	609 6	9 53

* ניתן להזמין עם ובלי תפר
* קיים מלאי זמין למידות 10SCH, S10SCH, 40SCH, S40SCH.
* ניתן להזמין מידות שונות לפי דרישה.

טי סימטרי לריתוך סדקיול 10/40 304/316 Equal Tee W/W SCH10/40 304/316

Dimensions in mm

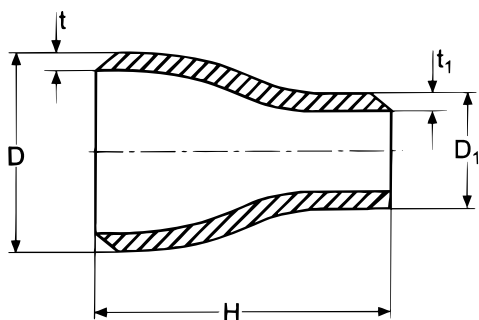


Diameter	SCHEDULE	D	t
1/2"	10s	21 3	2 11
	40s	21 3	2 77
3/4"	10s	26 7	2 11
	40s	26 7	2 87
1"	10s	33 4	2 77
	40s	33 4	3 38
1 1/4 "	10s	42 2	2 77
	40s	42 2	3 56
1 1/2 "	10s	48 3	2 77
	40s	48 3	3 68
2"	10s	60 3	2 77
	40s	60 3	3 91
2 1/2 "	10s	73 0	3 05
	40s	73 0	5 16
3"	10s	88 9	3 05
	40s	88 9	5 49
4"	10s	114 3	3 05
	40s	114 3	6 02
6"	10s	168 3	3 40
	40s	168 3	7 11
8"	10s	219 1	3 76
	40s	219 1	8 18
10 "	10s	273 1	4 19
	40s	273 1	9 27
12 "	10/10s	323 9	4 57
	40	323 9	10 31
	40sa	323 3	9 53
14 "	10	355 6	6 35
	10s	355 6	4 78
	40	355 6	11 13
	40s	355 6	9 53
16 "	10	406 4	6 35
	10s	406 4	4 78
	40	406 4	12 7
	40s	406 4	9 53
18 "	10	457 2	6 35
	10s	457 2	4 78
	40	457 2	14 27
	40s	457 2	9 53
20 "	10	508	6 35
	10s	508	5 54
	40	508	15 09
	40s	508	9 53
24 "	10	609 6	6 35
	10s	609 6	6 35
	40	609 6	17 48
	40s	609 6	9 53

* ניתן להזמין עם וגני ונפו
* קיים מלאי זמין למידות 10SCH, S10SCH, 40SCH, S40SCH.
* ניתן להזמין מידות שונות לפי דרישה.
* קיים מלאי זמין עבור SCH

מעבר קונסנטרי סקדיוול 10/40 304/316 Concentric Reducer SCH10/40 304/316

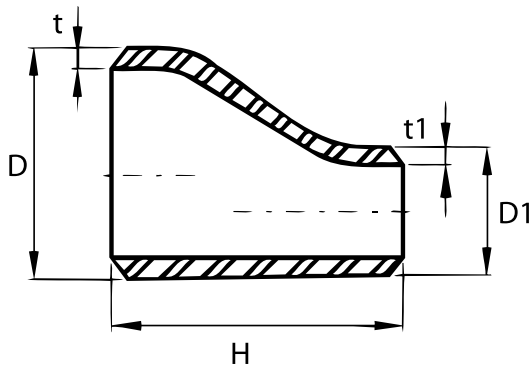
Dimensions in mm



Diameter	Schedule	D	D1	t	t1	H
3/4x1/2"	10s	26.7	21.3	2.11	2.11	39.3
1x1/2"	10s	33.4	21.3	2.77	2.11	50.8
1x3/4"	10s	33.4	26.7	2.77	2.11	50.8
1 1/4x1/2"	10s	42.2	21.3	2.77	2.11	50.8
1 1/4x3/4"	10s	42.2	26.7	2.77	2.11	50.8
1 1/4x1"	10s	42.2	33.4	2.77	2.77	50.8
1 1/2x1/2"	10s	48.3	21.3	2.77	2.11	63.5
1 1/2x3/4"	10s	48.3	26.7	2.77	2.11	63.5
1 1/2x1"	10s	48.3	33.4	2.77	2.77	63.5
1 1/2x1 1/4"	10s	48.3	42.2	2.77	2.77	63.5
2x1/2"	10s	60.3	21.3	5.54	3.73	76.2
2x3/4"	10s	60.3	26.7	2.77	2.11	76.2
2x1"	10s	60.3	33.4	2.77	2.77	76.2
2x1 1/4"	10s	60.3	42.2	2.77	2.77	76.2
2x1 1/2"	10s	60.3	48.3	2.77	2.77	76.2
2 1/2x1"	10s	73.0	33.4	3.05	2.77	88.9
2 1/2x1 1/2"	10s	73.0	48.3	3.05	2.77	88.9
2 1/2x2"	10s	73.0	60.3	3.05	2.77	88.9
3x1"	10s	88.9	33.4	3.05	2.77	88.9
3x1 1/4"	10s	88.9	42.2	5.49	3.56	88.9
3x1 1/2"	10s	88.9	48.3	3.05	2.77	88.9
3x2"	10s	88.9	60.3	3.05	2.77	88.9
3x2 1/2"	10s	88.9	73.0	3.05	3.05	88.9
4x1 1/2"	10s	114.3	60.3	3.05	5.08	101.6
4x2"	10s	114.3	73.0	3.05	2.77	101.6
4x2 1/2"	10s	114.3	88.9	3.05	3.05	101.6
4x3"	10s	114.3	114.3	3.40	3.05	127.0
5x2 1/2"	10s	141.3	73.0	3.40	3.05	127.0
5x3"	10s	141.3	88.9	3.40	3.05	127.0
5x4"	10s	141.3	114.3	3.40	3.05	127.0
6x3"	10s	168.3	88.9	3.40	3.05	139.7
6x4"	10s	168.3	114.3	3.40	3.05	139.7
6x5"	10s	168.3	141.4	3.40	3.40	139.7

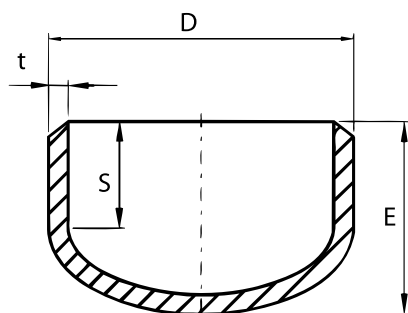
* ניתן להזמין עם ובלי תפר
* קיים מלאי זמין למידות 10SCH, S10SCH, 40SCH, S40SCH.
* ניתן להזמין מידות שונות לפי דרישה.

מעבר אקצנטרי סקדיוול 10/40 304/316 Eccentric Reducer W/W SCH10/40 304/316



Diameter	Schedule	D	D1	t	t1	H
3/4x1/2"	10s	26.7	21.3	2.11	2.11	39.3
1x1/2"	10s	33.4	21.3	2.77	2.11	50.8
1x3/4"	10s	33.4	26.7	2.77	2.11	50.8
1¼x1/2"	10s	42.2	21.3	2.77	2.11	50.8
1¼x3/4"	10s	42.2	26.7	2.77	2.11	50.8
1¼x1"	10s	42.2	33.4	2.77	2.77	50.8
1½x1/2"	10s	48.3	21.3	2.77	2.11	63.5
1½x3/4"	10s	48.3	26.7	2.77	2.11	63.5
1½x1"	10s	48.3	33.4	2.77	2.77	63.5
1½x1¼"	10s	48.3	42.2	2.77	2.77	63.5
2x1/2"	10s	60.3	21.3	5.54	3.73	76.2
2x3/4"	10s	60.3	26.7	2.77	2.11	76.2
2x1"	10s	60.3	33.4	2.77	2.77	76.2
2x1¼"	10s	60.3	42.2	2.77	2.77	76.2
2x1½"	10s	60.3	48.3	2.77	2.77	76.2
2½x1"	10s	60.3	33.4	3.05	2.77	88.9
2½x1½"	10s	73.0	48.3	3.05	2.77	88.9
2½x2"	10s	73.0	60.3	3.05	2.77	88.9
3x1"	10s	88.9	33.4	3.05	2.77	88.9
3x1¼"	10s	88.9	42.2	5.49	3.56	88.9
3x1½"	10s	88.9	48.3	3.05	2.77	88.9
3x2"	10s	88.9	60.3	3.05	2.77	88.9
3x2½"	10s	88.9	73.0	3.05	3.05	88.9
4x1½"	10s	114.3	60.3	3.05	5.08	101.6
4x2"	10s	141.3	73.0	3.05	2.77	101.6
4x2½"	10s	141.3	3.05	3.05	2.77	101.6
4x3"	10s	114.3	88.9	3.05	3.05	101.6
5x2½"	10s	141.3	73.0	3.40	3.05	127.0
5x3"	10s	141.3	88.9	3.40	3.05	127.0
5x4"	10s	141.3	114.3	3.40	3.05	127.0
6x3"	10s	168.3	88.9	3.40	3.05	139.7
6x4"	10s	168.3	114.3	3.40	3.05	139.7
6x5"	10s	168.3	141.4	3.40	3.40	139.7

* המוצרים קיימים בסקדיוול 40
 * ניתן להזמין עם ובלי תפר
 * קיים מלאי זמין למידות 10SCH, S10SCH, 40SCH, S40SCH.
 * ניתן להזמין מידות שונות לפי דרישה.

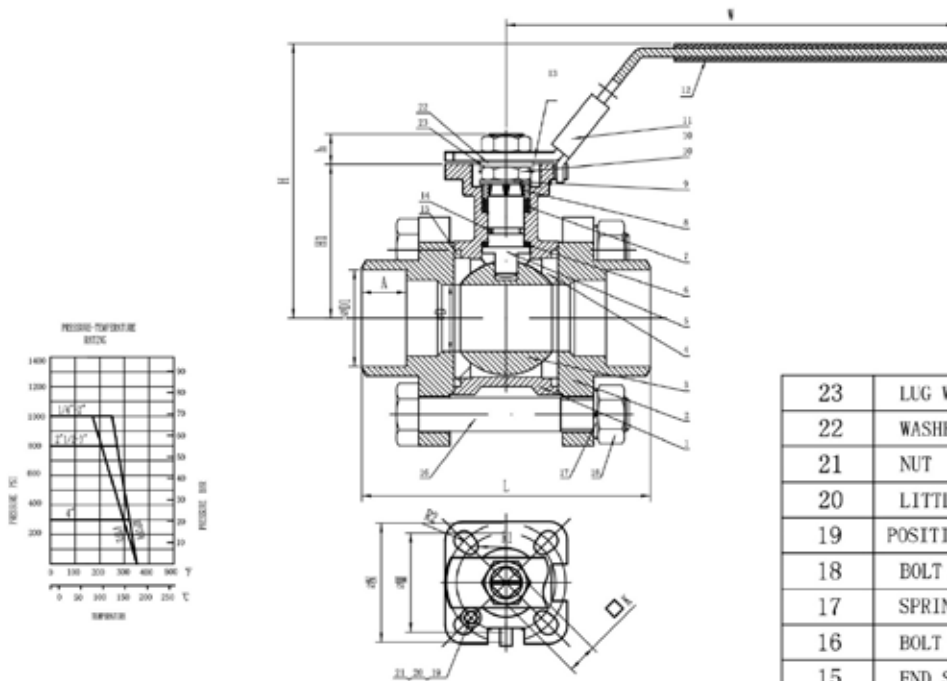


Dimensions in mm

Diameter	SCHEDULE	D	t
1/2"	10s	21 3	2 11
	40s	21 3	2 77
3/4"	10s	26 7	2 11
	40s	26 7	2 87
1"	10S	33 4	2 77
	40s	33 4	3 38
1 1/4 "	10s	42 2	2 77
	40s	42 2	3 56
1 1/2 "	10s	48 3	2 77
	40s	48 3	3 68
2"	10s	60 3	2 77
	40s	60 3	3 91
2 1/2 "	10s	73 0	3 05
	40s	73 0	5 16
3"	10s	88 9	3 05
	40s	88 9	5 49
4"	10s	114 3	3 05
	40s	114 3	6 02
	80s	114 3	8 56
	80s	114 3	9 53
6"	10s	168 3	3 40
	40s	168 3	7 11
8"	10s	219 1	3 76
	40s	219 1	8 18
10 "	10s	273 1	4 19
	40s	273 1	9 27
12 "	10/10s	323 9	4 57
	40	323 9	10 31
	40Sa	323 3	9 53
14 "	10	355 6	6 35
	10s	355 6	4 78
	40	355 6	11 13
	40s	355 6	9 53
16 "	10	406 4	6 35
	10s	406 4	4 78
	40	406 4	12 7
	40s	406 4	9 53
18 "	10	457 2	6 35
	10s	457 2	4 78
	40	457 2	14 27
	40s	457 2	9 53
20 "	10	508	6 35
	10s	508	5 54
	40	508	15 09
	40s	508	9 53
24 "	10	609 6	6 35
	10s	609 6	6 35
	40	609 6	17 48
	40s	609 6	9 53

* ניתן להזמין עם ובלי תפר
* קיים מלאי זמין למידות 10SCH, S10SCH, 40SCH, S40SCH.
* ניתן להזמין מידות שונות לפי דרישה.

ברז כדורי 3PC מעבר מלא 316 לריתוך SW עם הכנה למפעיל 3PC BALL VALVE 316 SOCKET WELD END



23	LUG WASHER	304	1
22	WASHER	304	1
21	NUT	304	1
20	LITTLE WASHER	304	1
19	POSITIONING BOLT	304	1
18	BOLT NUT	304	4-6
17	SPRING WASHER	304	4-6
16	BOLT	304	4-6
15	END SEAL	PTFE	2
14	O-RING	NBR/VITON	1
13	HANDLE	304	1
12	PLASTIC COVER	PLASTIC	1
11	LOCK DEVICE	304	1
10	STEM NUT	304	2
9	BELLEVILLE WASHER	304	2
8	BUSHING	304	1
7	STEM PACKING	PTFE	1
6	THRUST WASHER	PTFE	1
5	STEM	304/316	1
4	BALL SEAT	PTFE/RPTFE	2
3	BALL	304/316	1
2	CAP	CF8/CF8M	2
1	BODY	CF8/CF8M	1

4"	96	226	172	330	128	18.5	115.4	19	70	102	4.5	5.5	17
3"	76	186	160	233	114	18.5	89.9	16	70	102	4.5	5.5	17
2-1/2"	64	170	151	233	105	18.5	77/74	20	70	102	4.5	5.5	17
2"	50	124.5	124	188	85	15	61.1	21	50	70	3.5	4.5	14
1-1/2"	38	108.6	109	188	70	15	48.8	19	50	70	3.5	4.5	14
1-1/4"	32	97	98	162	60	11	42.8	18	42	50	3	3.5	11
1"	25	82	93	162	55	11	34.2	18	42	50	3	3.5	11
3/4"	20	70.6	81	141	48	9	27.4	14	36	42	3	3	9
1/2"	15	66	75	141	42	9	21.9	11	36	42	3	3	9
3/8"	12.5	64	75	141	42	9	17.6	11	36	42	3	3	9
1/4"	11.5	64	75	141	42	9	14.1	11	36	42	3	3	9
SIZE ITEM	D	L	H	W	H1	h	D1	A	M	N	R1	R2	K

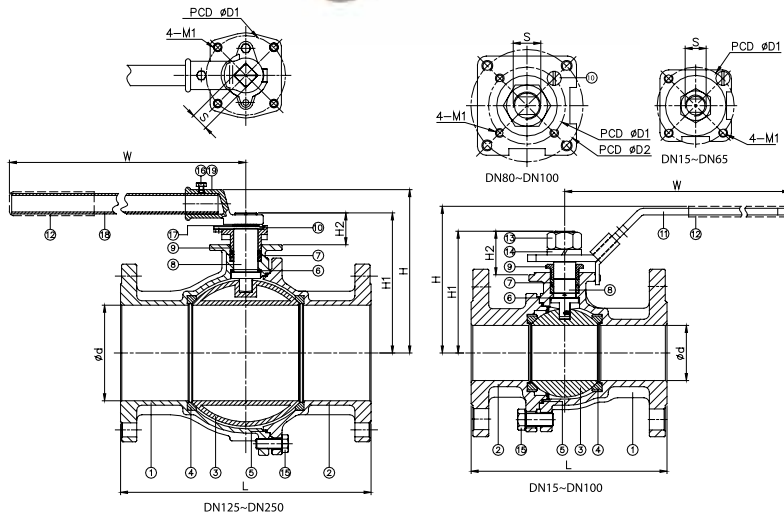
ברז כדורי מעבר מלא בין אוגנים 2 PC FLANGED END BALL VALVE עם הכנה למפעיל

WITH M. PAD



FEATURES

- Full port, 1/2" ~ 10" (DN15 ~ DN250)
- W. P.: CLASS 150/300
- W. T.: -20°C ~ 200°C (-4°F ~ 392°F)
- Investment casting
- Blow-out proof stem
- Anti-static device (option)
- Locking device
- ISO 5211 Mounting pad
- TA-Luft approved
- Flange dimension : ASME B16.5
- Face to face: ASME B16.10



ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	SOLID BALL	ASTM A351-CF8M	
4	ASTM A240-316	ASTM A240-316	
5	SEAT	PTFE / RTFE	
6	SEAL	PTFE	
7	THRUST WASHER		
8	PACKING	ASTM A276-316	
9	STEM	AISI 304	
10	GLAND		
11	STOP PIN	STAINLESS STEEL	
12	HANDLE SLEEVE	PVC	
13	STEM NUT		
14	SPRING WASHER		
15	BOLT		
16	BOLT		
17	CIRCLIPS FOR SHAFT		
18	STEEL TUBE		
19	WRENCH BLOCK		

DN	d	H	H1	H2	W	S	D1	D2	M1	CLASS 150		CLASS 300	
										L	Torque (N-M)	L	Torque (N-M)
15	15	85.7	57.2	23.7	169	8	42	-	M5	108	3.8	140	7.5
10	12.5	22.5	50.8	58.5	18.5	99.5	5	3/8" ~ 24UNF	4				
20	20	88.5	60	23.5	169	8	42	-	M5	117	5.5	152	7.6
25	25	103.3	73.8	29	205	10	50	-	M6	127	6.5	165	17.5
32	32	108	78.5	29	205	10	50	-	M6	140	9	178	20
40	38	128.4	102.9	39.4	266	12	70	-	M8	165	25	190	22.9
50	50	135.9	110.4	39.4	266	12	70	-	M8	178	38	216	32.2
65	65	147.6	122.1	38.6	298	12	70	-	M8	190	45	241	42.3
80	80	167.5	142	43	390	15	70	102	M10	203	61	282	87.2
100	100	182.5	157	43	390	15	70	102	M10	228.5	80	305	98.2
125	125	239.6	199	52	743	27	125	-	M12	356	160	-	-
150	150	256.5	220	50	743	27	125	-	M12	394	190	403	185
200	200	334	300.5	85.5	840	36	140	-	M16	457	470	502	470
250	250	378	334.5	74.5	1040	36	140	-	M16	533	750	-	-

NPS	d	H	H1	H2	W	S	D1	D2	M1	CLASS 150		CLASS 300	
										L	Torque (in-lb)	L	Torque (in-lb)
1/2"	0.59	3.37	2.25	0.93	6.65	0.31	1.65	-	M5	4.25	33.6	5.51	66.4
3/4"	0.79	3.48	2.36	0.93	6.65	0.31	1.65	-	M5	4.61	48.7	5.98	67.3
1"	0.98	4.07	2.91	1.14	8.07	0.39	1.97	-	M6	5	57.5	6.5	154.9
1-1/4"	1.26	4.25	3.09	1.14	8.07	0.39	1.97	-	M6	5.51	79.7	7.01	177
1-1/2"	1.5	5.06	4.05	1.55	10.47	0.47	2.76	-	M8	6.5	221.3	7.48	202.7
2"	1.97	5.35	4.35	1.55	10.47	0.47	2.76	-	M8	7.01	336.3	8.5	285
2-1/2"	2.56	5.81	4.81	1.52	11.73	0.59	2.76	-	M8	7.48	398.3	9.49	374.4
3"	3.15	6.59	5.59	1.69	15.35	0.59	2.76	4.02	M10	7.99	539.9	11.1	771.8
4"	3.94	7.19	6.18	1.69	15.35	0.59	2.76	4.02	M10	9	708.1	12.01	869.1
5"	4.92	9.43	7.83	2.05	29.25	1.06	4.92	-	M12	14.02	1416.1	-	-
6"	5.91	10.1	8.66	1.97	29.25	1.06	4.92	-	M12	15.51	1681.6	15.87	1637.4
8"	7.87	13.15	11.83	3.37	33.07	1.42	5.51	-	M16	17.99	4159.8	19.76	4159.8
10"	9.84	14.88	13.17	2.93	40.94	1.42	5.51	-	M16	20.98	6638	-	-
250	250	378	334.5	74.5	1040	36	140	-	M16	533	750	-	-

* ניתן לחדש אתמים

316L 2 PC Screwed End Ball Valve

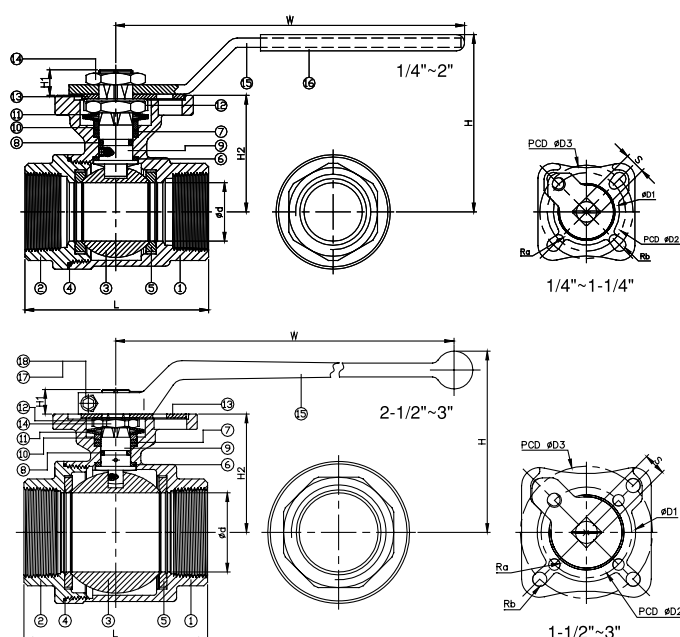
ברז כדור מעבר מלא עם הכנה למפעיל 2PC

With M.Pod



FEATURES

- Full port, 1/4"~3" (DN8~DN80)
- W. P: 1000 WOG(PN63)
- W. T.: -20°C ~ 200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Live-loading design
- Anit-static device
- Locking device
- ISO 5211 Direct mounting pad
- ISO 15848 fugitive emission approved (option)
- Automation accessories (option)
- Thread type: ASME B1.20.1 (NPT),
DIN 2999 & BS21,
ISO7/1 & EN10226

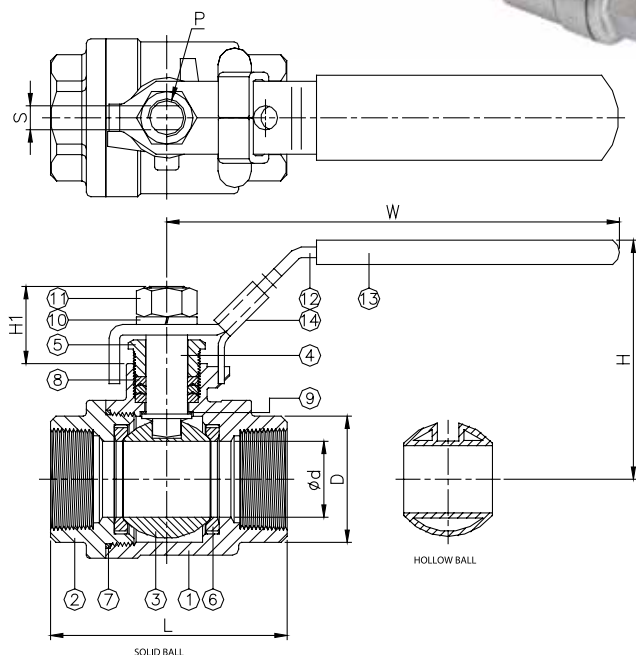


ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	SEAL	PTFE	
5	SEAT	PTFE/RTFE	
6	THRUST WASHER	PTFE	
7	PACKING		
8	O-RING	VITON	
9	STEM	ASTM A276-316	
10	GLAND RING	AISI 304	
11	BELLEVILLE WASHER	AISI 301	
12	LOCKING WASHER	AISI 304	
13	STOPPER		
14	STEM NUT		
15	HANDLE	STAINLESS STEEL	
16	HANDLE SLEEVE	PVC	
17	BOLT	AISI 304	
18	NUT		

DN	d	L	H	H1	H2	W	S	D1	D2	D3	Ra	RB	Torque(N-M)	Weight(kg)
8	11.6	58	62	8	36.4	113.5	9	31	36	42	2.75	2.75	5.5	0.4
10	12.7	58	62	8	36.4	113.5	9	31	36	42	2.75	2.75	5.5	0.4
15	15	58	62	8	36.4	113.5	9	31	36	42	2.75	2.75	5.5	0.4
20	20	65.6	65	9	39.2	113.5	9	31	36	42	2.75	2.75	7.5	0.5
25	25	78.7	76	11	48.7	140	11	35.5	42	50	2.75	3.5	11	0.8
32	32	90	81.5	11	54.2	140	11	35.5	42	50	2.75	3.5	15	1.2
40	38	105	103	11.5	65.7	172	14	56	50	70	3.5	4.5	20	2
50	50	124	111.5	11.5	75.5	172	14	56	50	70	3.5	4.5	40	2.9
65	63	146.2	141	20.5	91.5	310	17	76	70	102	4.5	5.5	60	6
80	76	163.7	150	20.5	100.75	310	17	76	70	102	4.5	5.5	85	7.2

	d	L	H	H1	H2	W	S	D1	D2	D3	Ra	RB	Torque(in-lb)	Weight(lb)
1/4"	0.46	2.28	2.44	0.31	1.43	4.47	0.35	1.22	1.42	1.65	0.11	0.11	48.7	0.9
3/8"	0.5	2.28	2.44	0.31	1.43	4.47	0.35	1.22	1.42	1.65	0.11	0.11	48.7	0.8
1/2"	0.59	2.28	2.44	0.31	1.43	4.47	0.35	1.22	1.42	1.65	0.11	0.11	48.7	0.8
3/4"	0.79	2.58	2.56	0.35	1.54	4.47	0.35	1.22	1.42	1.65	0.11	0.11	66.4	1
1"	0.98	3.1	2.99	0.43	1.92	5.51	0.43	1.4	1.65	1.97	0.11	0.14	97.4	1.8
1-1/4"	1.26	3.54	3.21	0.43	2.13	5.51	0.43	1.4	1.65	1.97	0.11	0.14	132.8	2.7
1-1/2"	1.5	4.13	4.06	0.45	2.59	6.77	0.55	2.2	1.97	2.76	0.14	0.18	177	4.4
2"	1.97	4.88	4.39	0.45	2.97	6.77	0.55	2.2	1.97	2.76	0.14	0.18	354	6.4
2-1/2"	2.48	5.76	5.55	0.81	3.6	12.2	0.67	2.99	2.76	4.02	0.18	0.22	531	13.2
3"	2.99	6.44	5.91	0.81	3.97	12.2	0.67	2.99	2.76	4.02	0.18	0.22	752.3	15.9

ברז כדורי מעבר מלא ללא הכנה למפעיל קיימים במלאי ברזים נקבה/נקבה ונקבה/זכר 2-PC. SCREWED END BALL VALVE F/F, F/M 316



FEATURES

- Full port, 1/4"~3" (DN8~DN80)
- W. P.: 1000 WOG(PN63)
- W. T.: -20°C ~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Locking device
- Tapped & drilled mounting pad (option)
- TA-Luft approved (option)
- Length conform to DIN 3202/4-M3-2006SM3(option)
- Thread type: ASME B1.20.1 (NPT),
DIN 2999 & BS21
ISO7/1 & EN10226

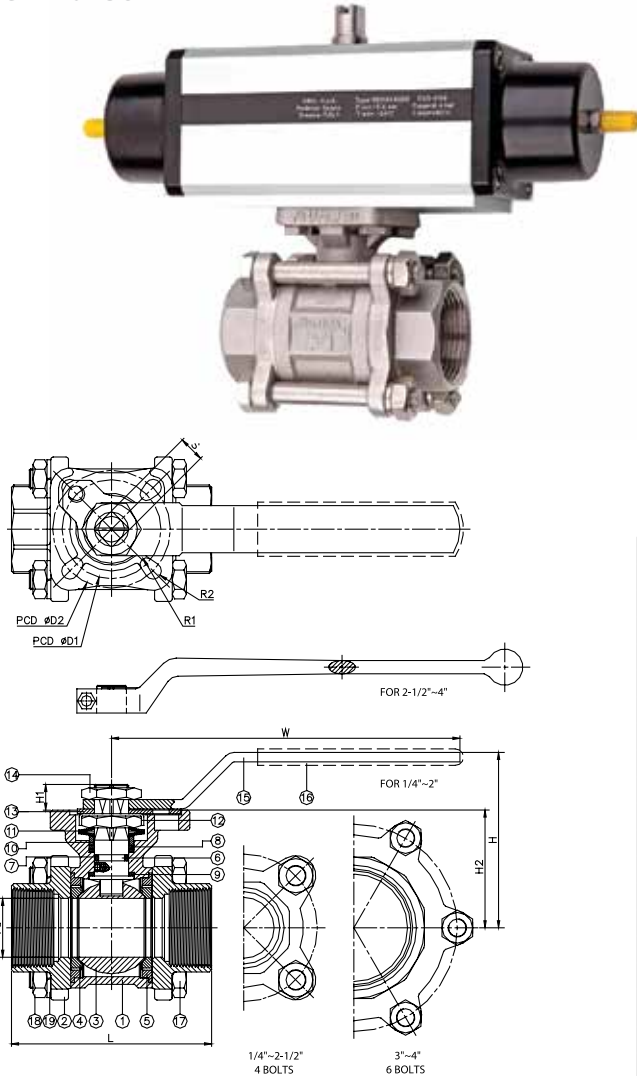
ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	SOLID BALL	ASTM A351-CF8M	
	HOLLOW BALL	ASTM A240-316	
4	STEM	ASTM A276-316	
5	GLAND	AISI 304	
6	SEAT	PTFE/RTFE	
7	SEAL	PTFE	
8	PACKING		
9	THRUST WASHER	AISI 304	
10	SPRING WASHER		
11	NUT	STAINLESS STEEL	
12	HANDLE		
13	HANDLE SLEEVE	PVC	
14	LOCKING DEVICE	STAINLESS STEEL	

DN	d	D	L	H	H1	W	S	P	Torque(N-M)	Weight(kg)	
										SOLID BALL	HOLLOW BALL
8	11.6	19	50.8	58.5	18.5	99.5	5	3/8"~24UNF	3.5	0.2	-
10	12.5	22.5	50.8	58.5	18.5	99.5	5	3/8"~24UNF	4	0.2	-
15	15	26	58	60.5	18.8	99.5	5	3/8"~24UNF	5.5	0.3	-
20	20	32	65.6	63	23.4	123	6.5	7/16"~20UNF	7.5	0.5	-
25	25	38	78.7	79.5	26.15	149	8	7/16"~20UNF	11	0.8	-
32	32	48	90	86	23.6	149	8	7/16"~20UNF	15	1.1	-
40	38	54.8	105	101.7	28.2	190	10	1/2"~20UNF	20	1.8	-
50	50	67	124	109.3	23.4	190	10	1/2"~20UNF	40	2.7	2.3
65	63	85	146	140	39.4	247	12	3/4"~10UNF	60	5.6	4.5
80	76	100	163.2	148.5	39.4	247	12	3/4"~10UNF	85	7.5	6.2

NPS	d	D	L	H	H1	W	S	P	Torque (in-lb)	Weight (lb)	
										SOLID BALL	HOLLOW BALL
1/4"	0.46	0.75	2	2.3	0.73	3.92	0.2	3/8"~24UNF	31	0.5	-
3/8"	0.49	0.89	2	2.3	0.73	3.92	0.2	3/8"~24UNF	35.4	0.5	-
1/2"	0.59	1.02	2.28	2.38	0.74	3.92	0.2	3/8"~24UNF	48.7	0.7	-
3/4"	0.79	1.26	2.28	2.48	0.92	4.84	0.26	7/16"~20UNF	66.4	1	-
1"	0.98	1.5	3.1	3.13	1.03	5.87	0.31	7/16"~20UNF	97.4	1.7	-
1-1/4"	1.26	1.89	3.54	3.39	0.93	5.87	0.31	7/16"~20UNF	132.8	2.5	-
1-1/2"	1.5	2.16	4.13	4	1.11	7.48	0.39	1/2"~20UNF	177	3.9	-
2"	1.97	2.64	4.88	4.3	0.92	7.48	0.39	1/2"~20UNF	354	5.9	5.1
2-1/2"	2.48	3.35	5.75	5.51	1.55	9.72	0.47	3/4"~10UNF	531	12.4	9.9
3"	2.99	3.94	6.43	5.85	1.55	9.72	0.47	3/4"~10UNF	752.3	16.5	13.7

ברז כדורי 3PC עם הכנה למפעיל 3-PC. SCREWED END BALL VALVE 316 L

With M.Pod



FEATURES

- Full port, 1/4"~4" (DN8~DN100)
 - W.P. : 1000 WOG (PN63)
 - W.T. : -20°C~200°C (-4°F~392°F)
 - Investment casting
 - Blow-out proof stem
 - Live-loading design
 - Locking device
 - Anti-static device
 - ISO 5211 Direct mounting pad
 - Length conform to DIN 3202/4-M3-2013ND-M3 (option)
 - ISO 15848 fugitive emission approved (option)
 - Automation accessories (option)
- Thread type: ASME B1.20.1 (NPT)
DIN2999 & BS21
ISO7/1 & EN10226

ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	SEAT	PTFE / RTFE	
5	SEAL	PTFE	
6	STEM	ASTM A276-316	
7	O-RING	VITON	
8	PACKING	PTFE	
9	THRUST WASHER		
10	GLAND RING	AISI 304	
11	BELLEVILLE WASHER	AISI 301	
12	LOCKING WASHER	AISI 304	
13	LOCKING DEVICE		
14	STEM NUT	STAINLESS STEEL	
15	HANDLE		
16	HANDLE SLEEVE	PVC	
17	BOLT	AISI 304	
18	NUT		
19	SPRING WASHER		

DN	d	L	H	H1	H2	W	S	D1	D2	R1	R2	ISO 5211	Torque (N-M)	Weight (kg)
8	11.6	65	61	7.5	35.3	114.5	9	36	42	2.75	2.75	F03 / F04	7	-
10	12.5	65	61	7.5	35.3	114.5	9	36	42	2.75	2.75	F03 / F04	7	-
15	15	65	62.7	7.1	36.4	114.5	9	36	42	2.75	2.75	F03 / F04	7	0.6
20	20	75	65.1	7.3	39.5	114.5	9	36	42	2.75	2.75	F03 / F04	9	0.7
25	25	85	76.5	11	49	140	11	42	50	2.75	3.5	F04 / F05	15	1.1
32	32	101	82	11.5	54.2	140	11	42	50	2.75	3.5	F04 / F05	18	1.7
40	38	112	102	12.4	64.6	172	14	50	70	3.5	4.5	F05 / F07	25	2.6
50	50	130	110.1	13.6	72.5	172	14	50	70	3.5	4.5	F05 / F07	35	3.7
65	63	162	127.3	16.3	92	325	17	70	102	4.5	5.5	F07 / F10	55	7.1
80	76	188	136.3	16.3	100	325	17	70	102	4.5	5.5	F07 / F10	70	10.2
100	96	224	142.5	20.5	130	325	22	102	125	5.5	6.5	F10 / F12	90	19.4

NPS	d	L	H	H1	H2	W	S	D1	D2	R1	R2	ISO 5211	Torque (in-lb)	Weight (in)
1/4"	0.46	2.56	2.4	0.3	1.39	4.51	0.35	1.42	1.65	0.11	0.11	F03 / F04	62	-
3/8"	0.46	2.56	2.4	0.3	1.39	4.51	0.35	1.42	1.65	0.11	0.11	F03 / F04	62	-
1/2"	0.59	2.56	2.47	0.28	1.43	4.51	0.35	1.42	1.65	0.11	0.11	F03 / F04	62	1.2
3/4"	0.79	2.95	2.56	0.29	1.56	4.51	0.35	1.42	1.65	0.11	0.11	F03 / F04	79.7	1.6
1"	0.98	3.35	3.01	0.43	1.93	5.51	0.43	1.65	1.97	0.11	0.14	F04 / F05	132.8	2.4
1-1/4"	1.26	3.98	3.23	0.45	2.13	5.51	0.43	1.65	1.97	0.11	0.14	F04 / F05	159.3	3.7
1-1/2"	1.5	4.41	4.02	0.49	2.54	6.77	0.55	1.97	2.76	0.14	0.18	F05 / F07	221.3	5.7
2"	1.97	5.12	4.33	0.54	2.85	6.77	0.55	1.97	2.76	0.14	0.18	F05 / F07	309.8	8.2
2-1/2"	2.48	6.38	5.01	0.64	3.62	12.8	0.67	2.76	4.02	0.18	0.22	F07 / F10	486.8	15.7
3"	2.99	7.4	5.37	0.64	3.94	12.8	0.67	2.76	4.02	0.18	0.22	F07 / F10	619.5	22.5
4"	3.78	8.82	5.61	0.81	5.12	12.8	0.87	4.02	4.02	0.22	0.26	F10 / F12	796.6	42.8

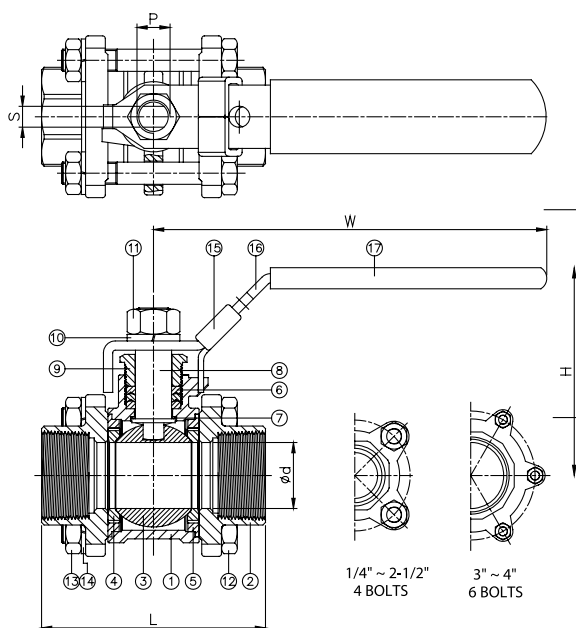
* ניתן לחדש אטמים

ברז כדורי 3PC ללא הכנה למפעיל 3-PC. SCREWED END BALL VALVE 316 L



FEATURES

- Full port, 1/4"~4" (DN8~DN100)
- W. P: 1000 WOG(PN63)
- W. T.: -20°C ~ 200°C (-4°F ~ 392°F)
- Investment casting
- Blow-out proof stem
- Locking device
- TA-Luft approved (option)
- Length conform to DIN 3202/4-M3-2013N-M3 (option)
- Thread type: ASME B1.20.1 (NPT)
DIN2999 & BS21
ISO7/1 & EN10226



ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	SEAT	PTFE / RTFE	
5	SEAL	PTFE	
6	PACKING		
7	THRUST WASHER		
8	STEM	ASTM A276-316	
9	GLAND	AISI 304	
10	SPRING WASHER		
11	STEM NUT		
12	BOLT		
13	NUT		
14	SPRING WASHER	STAINLESS STEEL	
15	LOCKING DEVICE		
16	HANDLE	PVC	
17	HANDLE SLEEVE		

DN	d	L	H	W	S	P	Torque (N-M)	Weight(kg)
8	11.6	65	60.2	98	5	3/8"~24UNF	3.5	0.4
10	12.5	65	60.2	98	5	3/8"~24UNF	4	0.4
15	15	65	62.2	98	5	3/8"~24UNF	5.5	0.5
20	20	75	64.6	121	6.5	7/16"~20UNF	7.5	0.7
25	25	85	80.1	147	8	7/16"~20UNF	11	1.1
32	32	101	85.1	147	8	7/16"~20UNF	15	1.6
40	38	112	103.3	188	10	1/2"~20UNF	20	2.4
50	50	130	110.8	188	10	1/2"~20UNF	40	3.1
65	63	162	141.7	245	12	3/4"~10UNC	60	6.5
80	76	188	150.4	245	12	3/4"~10UNC	85	9.5
100	96	224	181.7	316	16	1"~8UNC	150	19

NPS	d	L	H	W	S	P	Torque (in-lb)	Weight(lb)
1/4"	0.46	2.56	2.37	3.86	0.2	3/8"~24UNF	31	0.8
3/8"	0.49	2.56	2.37	3.86	0.2	3/8"~24UNF	35.4	0.8
1/2"	0.59	2.56	2.45	3.86	0.2	3/8"~24UNF	48.7	1.1
3/4"	0.79	2.95	2.54	4.76	0.26	7/16"~20UNF	66.4	1.5
1"	0.98	3.35	3.15	5.79	0.31	7/16"~20UNF	97.4	2.3
1-1/4"	1.26	3.98	3.35	5.79	0.31	7/16"~20UNF	132.8	3.5
1-1/2"	1.5	4.41	4.07	7.4	0.39	1/2"~20UNF	177	5.3
2"	1.97	5.12	4.36	7.4	0.39	1/2"~20UNF	354	6.8
2-1/2"	2.48	6.38	5.58	9.65	0.47	3/4"~10UNC	531	14.3
3"	2.99	7.4	5.92	9.65	0.47	3/4"~10UNC	752.3	20.9
4"	3.78	8.82	7.15	12.44	0.63	1"~8UNC	1327.6	41.9

* ניתן לחדש אתמים

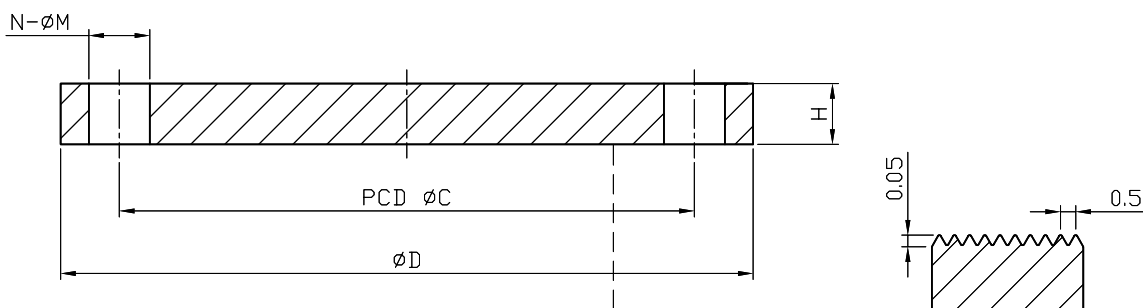
ברז כדורי תלת דרכי עם הכנה למפעיל 3-WAY SCREWED END BALL VALVE

316 L



FEATURES

L port / T port, 1/4"~2" (DN8~DN50)
W. P: 1000 WOG (PN63)
W. T.: -20°C ~ 200°C (-4°F~392°F)
Investment casting
Blow-out proof stem
Locking device
Anti-static device (option)
ISO 5211 mounting pad
Thread type: ASME B1.20.1 (NPT)
DIN2999 & BS21,
ISO 7/1 & EN10226



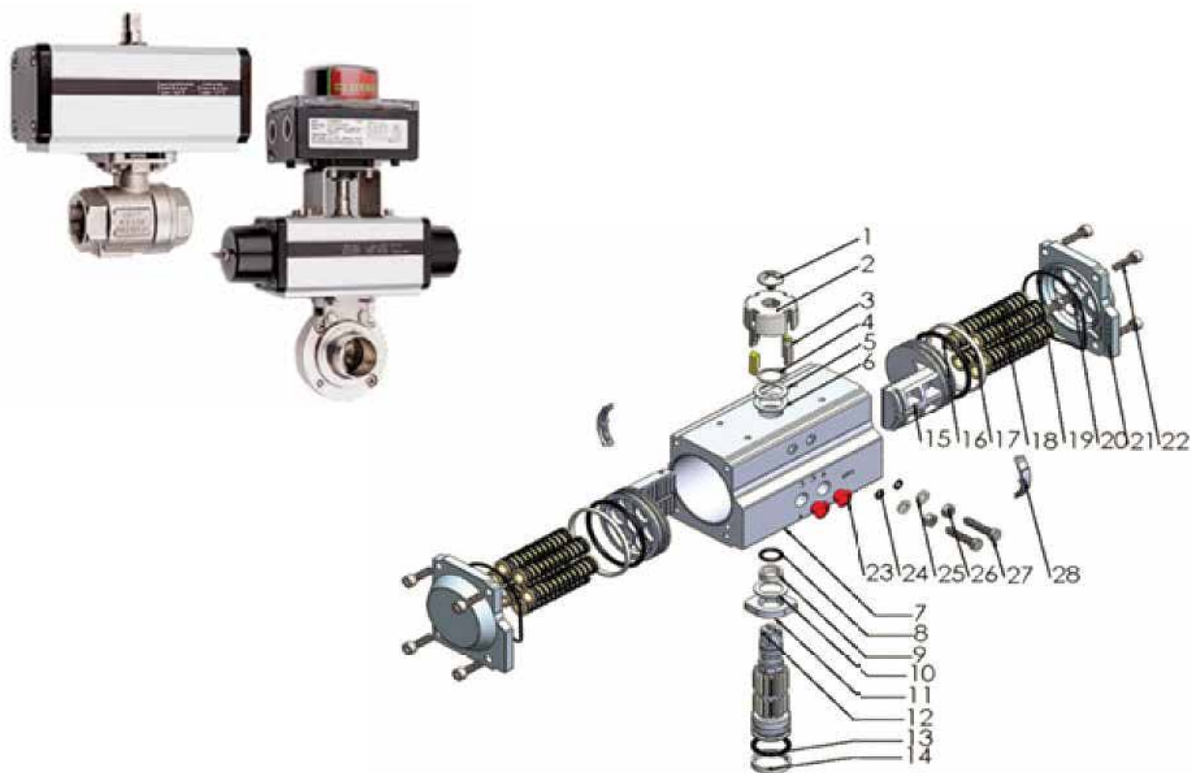
DIN 2527 PN10 BLFF						DIN 2527 PN16 BLFF					
SIZE	C	D	H	N	M	SIZE	C	D	H	N	M
DN10	60	90	14	4	14	DN10	60	90	14	4	14
DN15	65	95	14	4	14	DN15	65	95	14	4	14
DN20	75	105	16	4	14	DN20	75	105	16	4	14
DN25	85	115	16	4	14	DN25	85	115	16	4	14
DN32	100	140	16	4	18	DN32	100	140	16	4	18
DN40	110	150	16	4	18	DN40	110	150	16	4	18
DN50	125	165	18	4	18	DN50	125	165	18	4	18
DN65	145	185	18	4	18	DN65	145	185	18	4	18
DN80	160	200	20	8	18	DN80	160	200	20	8	18
DN100	180	220	20	8	18	DN100	180	220	20	8	18
DN125	210	250	22	8	18	DN125	210	250	22	8	18
DN150	240	285	22	8	22	DN150	240	285	22	8	22
DN200	295	340	24	8	22	DN200	295	340	24	12	22
DN250	350	395	26	12	22	DN250	355	405	26	12	26
DN300	400	445	26	12	22	DN300	410	460	28	12	26
DN350	460	505	26	16	22	DN350	470	520	30	16	26
DN400	515	565	26	16	26	DN400	525	580	32	16	30
DN500	620	670	28	20	26	DN500	650	715	36	20	33

unit:mm

* ניתן לרכוש כדור T-PORT להחלפה ובלי תפר

Pneumatic Actuator-HTS052~092 מפעיל פנאומטי אויר-קפיץ

HTS052 ~ 092



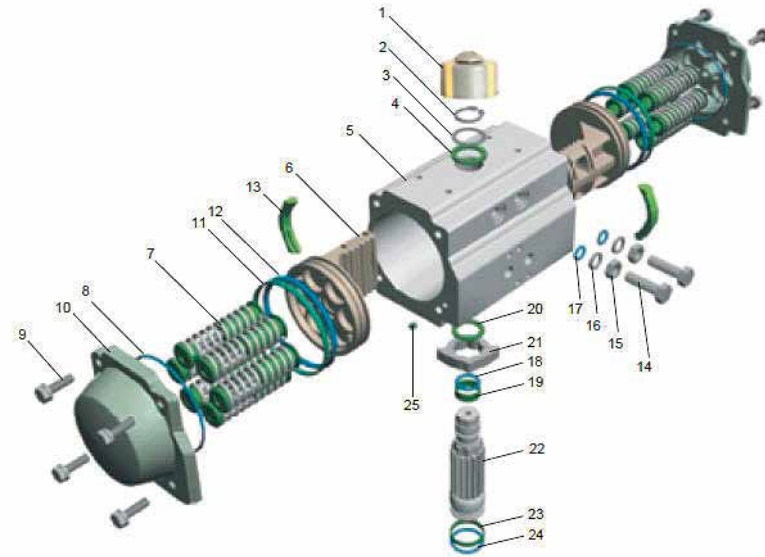
Item	Description	Material	Protection	Q'ty	Optional
1	Screw	ABS+304		1	
2	Indicator	Plastic		1	
3	Indicator Pin	ABS		4	
4	Spring Clip	Stainless Steel		1	
5	Thrust Washer (Pinion)	Stainless Steel		1	
6*	Thrust Bearing (Pinion)	POM		1	
7	Actuator Body Extruded	Extruded Aluminum Alloy	Hard Anodized (over 30µm)	1	
8*	O-Ring (Top Pinion)	NBR		1	Viton/Silicone
9*	Bearing (Top Pinion)	POM		1	
10*	Thrust Bearing (Pinion)	POM		1	
11	Stroke Cam	Stainless Steel		1	
12	Pinion	Alloy Steel	Nickel Plated (over 25µm)	1	
13*	Bearing (Lower Pinion)	POM		1	
14*	O-Ring (Lower Pinion)	NBR		1	Viton/Silicone
15	Piston	Die Cast Aluminum Alloy	Hard Anodized (over 30µm)	2	
16*	Piston Seal	NBR		2	Viton/Silicone
17*	Piston Bearing	Stainless Steel		2	
18	Spring (Cartridge)	High Performance Spring Steel	Zinc Phosphate Coated	0-12	
19*	End Cap Seals	NBR		2	Viton/Silicone
20	Stroke Bolt	Stainless Steel		1	
21	End Cap	Die Cast Aluminum	Epoxy Coated (over 150µm)	2	
22	End Cap Bolts	Stainless Steel		8	
23	Plug	PE		2	
24*	Stroke Bolt O-Ring	NBR		2	Viton/Silicone
25	Stroke Bolt Washer	Stainless Steel		2	
26	Stroke Bolt Retaining Nut	Stainless Steel		2	
27	Stroke Bolt	Stainless Steel		2	
28*	Piston Guide	POM		2	

*Note: Recommended spare parts for maintenance

* ניתן להזמין יחד עם ברז כסט מורכב וניתן להזמין מפעיל בנפרד, אפשר להרכיב מפעיל על ברזים כדורים, תלת דרכי ומאוגנים.

מפעיל פנאומטי אויר קפיץ Pneumatic Actuator-HTS105~270

HTS105 ~ 270



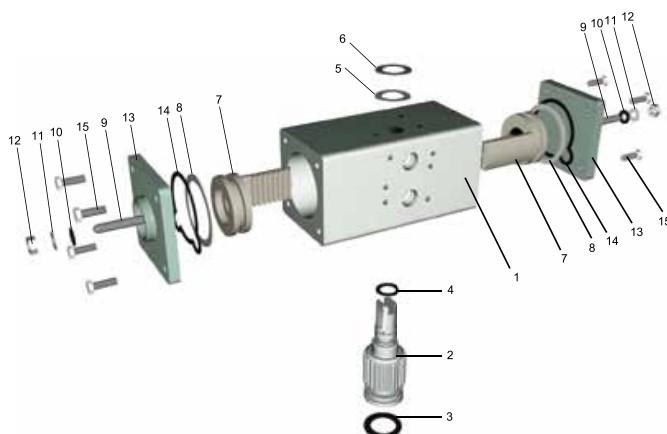
Item	Description	Material	Protection	Q'ty	Optional
1	Indicator	ABS		1	
2	Spring Clip	Stainless Steel		1	
3	Thrust Washer (Pinion)	Stainless Steel		1	
4	Thrust Bearing (Pinion)	PTFE+15%Graphite		1	
5	Actuator Body	Extruded Alluminum Alloy	Hard Anodized (over 30µm)	1	Nickel or PTFE Plated
6	Piston	Die Cast Aluminum Alloy	Hard Anodized (over 30µm)	2	
7	Spring (Cartridge)	High Performance Spring Steel	Electrophoretic Paint	0-12	
8*	End Cap Seals	NBR		2	Viton / Silicone
9	End Cap Bolts	Stainless Steel		8	
10	End Cap	Die Cast Aluminum	Epoxy Coated (over 150µm)	2	Nickel or PTFE Plated
11*	Piston Bearing	POM		2	
12*	Piston Seal	NBR		2	Viton / Silicone
13*	Piston Guide	POM		2	
14	Stroke Bolt	Stainless Steel		2	
15	Stroke Bolt Retaining Nut	Stainless Steel		2	
16	Stroke Bolt Washer	Stainless Steel		2	
17*	Stroke Bolt O-Ring	NBR		2	Viton / Silicone
18*	O-Ring (Top Pinion)	NBR		1	Viton / Silicone
19*	Bearing (Top Pinion)	POM		1	
20*	Thrust Bearing (Pinion)	POM		1	
21	Stroke Cam	Carbon Steel	Galvanized	1	
22	Pinion	Alloy Steel	Nickel Plated (over 25µm)	1	
23*	Bearing (Lower Pinion)	POM		1	
24*	O-Ring (Lower Pinion)	NBR		1	Viton / Silicone
25*	Plug	NBR		2	Viton / Silicone

*Note: Recommended spare parts for maintenance.

* ניתן להזמין יחד עם ברז כסט מורכב וניתן להזמין מפעיל בנפרד
אפשר להרכיב מפעיל על ברזים כדורים, תלת דרכי ומאוגנים.

מפעיל פנאומטי אויר-אויר Pneumatic Actuator – HTD032 Parts List

HTD ~ 032



Item	Description	Material	Protection	Q'ty	Optional
1	Actuator Body	Extruded Alluminum Alloy	Hard Anodized (over 30um)	1	Nickel or PTFE Plated
2	Pinion	Alloy Steel	Nickel Plated (over 25um)	1	
3*	O-Ring(Lower Pinion)	NBR		1	Viton / Silicone
4*	O-ring(Top Pinion)	NBR		1	Viton / Silicone
5	Thrust Bearing(Pinion)	POM		1	
6	Spring Clip	Stainless Steel		1	
7	Piston	Die Cast Aluminum Alloy	Hard Anodized (over 30um)	2	
8*	Piston Seal	NBR		2	Viton / Silicone
9	Stroke Bolt	Stainless Steel		2	
10*	Stroke Bolt O-Ring	NBR		2	Viton / Silicone
11	Stroke Bolt Washer	Stainless Steel		2	
12	Stroke Bolt Retaining Nut	Stainless Steel		2	
13	End Cap	Die Cast Aluminum	Epoxy Coated (over 150um)	2	Nickel or PTFE Plated
14*	End Cap Seals	NBR		2	Viton / Silicone
15	End Cap Bolts	Stainless Steel		8	

*Note: Recommended spare parts for maintenance.

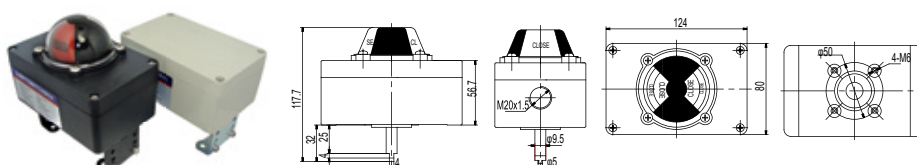
מפסק למפעילים OPEN(YELLOW) CLOSE(RED)

Position Monitoring Switchbox:

Model	ALS-100	ALS-200	ALS-300	ALS-400	ALS-500(AL) / ALS-600(SS)
Weather Proof	IP67 / NEMA 4,4X	CSA / IP67 / NEMA 4,4X	IP67 / NEMA 4,4X	IP67	IP67
Explosion Proof	---	---	---	IECEx / ATEX	ExdII CT6 / DIPA21 T _A ,T ₆ IECEx / ATEX
Temperature Range	-25°C~85°C				
Cable Entry	M20x1.5	G1/2", 1/2"NPT M20x1.5, M16x1.5	G1/2", 1/2"NPT M20x1.5, M16x1.5	G1/2", F3/4", 1/2"NPT 3/4"NPT, M20x1.5	G1/2", F3/4", 1/2"NPT 3/4"NPT, M20x1.5
Terminal Stripe	8~14				
Position Indicator	0~90° Open-Yellow Close-Red 5A/16A 125~250VAC				
(Mech.Sw Itches)Type	M2:2SPDT M3:3SPDT M5:2DPDT ML2:2SPDT(-40°C) MG2:2SPDT(Gilded)	M2:2SPDT M5:2DPDT MG2:2SPDT(Gilded)	M2:2SPDT M3:3SPDT M4:4SPDT M5:2DPDT ML2:2SPDT(-40°C) MG2:2SPDT(Gilded)	M2:2SPDT M3:3SPDT M4:4SPDT M5:2DPDT ML2:2SPDT(-40°C) MG2:2SPDT(Gilded)	M2:2SPDT M3:3SPDT M4:4SPDT M5:2DPDT MZ: Straight trip ML2:2SPDT(-40°C) MG2:2SPDT(Gilded)
(Proximity Sensor)Type	DC 24V (10~30VDC), <=150mA PP:P&F (NAMUR) Exia CT6 PA:2(wires) or 3(wires) 5~240VAC/DC, <=300mA				
(Magnet Sensor)Type	QA:PA:2(wires) or 3(wires)				
(Expand options)Type	4~20mA (Valve position feedback)				

Outline Dimension:

ALS-100 Classic Type



* ניתן להזמין יחד עם ברז כסט מורכב וניתן להזמין מפעיל בנפרד
אפשר להרכיב מפעיל על ברזים כדורים, תלת דרכי ומאוגנים.

סולנואיד סליל עבור מפעילום פנאומטיים

Namur Solenoid Valve – HSV300 series

NAMUR SOLENOID VALVE



Specification

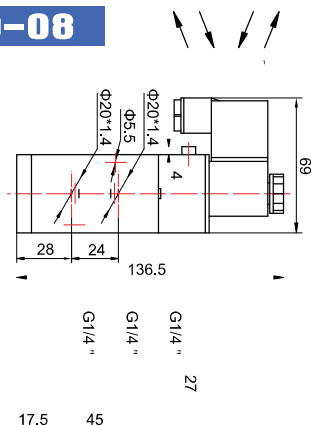
	HSV310-08	HSV320-08
Medium	Air	
Operating	Internal Piloted	
Valve Type	5 Port 2 Position	
Orifice Size	35mm ²	
Port Size	Inlet & Exhaust Port:PF1/4"	
Lubrication	Not Required	
Pressure Range	0.15 ~ 0.8 Mpa	
Proof Pressure	12bar	
Temp. Range	-5 ~ 60 (23 ~ 140°F)	
Voltage Range	-15% ~ 10%	
Power Consumption	AC=2.0~3.5VA, DC=2.5W	
Insulation Class	Class F	
Protection	IP65(DIN40050)	
Connector	Socket with Plug	
Max Frequency	5 cycle/second	

Note: Port thread PT and NPT are also available.

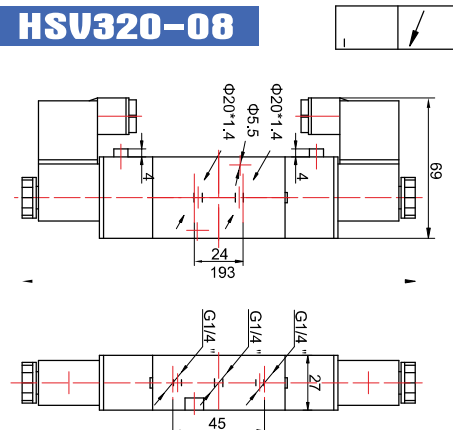
Specification of Explosion-Proof Type

Protection	EExmIIT4
Voltage Range	±10%
Power Consumption	AC = 4.4VA, DC = 5W
Insulation Class	Class F

HSV310-08



HSV320-08

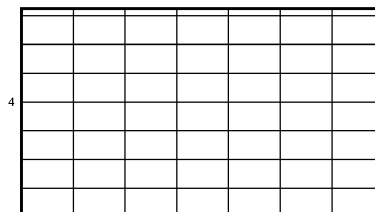


Order Information:

HSV - 310 - 08 - AC220 - L

Model	Port Size:08:1/4"	Blank: DIN Connector
		L: LED
		E: Explosion-Proof
310:Single Solenoid,5/2 way		DC12V
320:Double Solenoid,5/2 way		DC24V
		AC24V,50/60Hz
		AC110V,50/60Hz
		AC220V,50/60Hz

Flow features:





CARDINAL
UHP

AMETEK

קונקט מייצגת בלעדית בישראל את חברת

לחברה מוצר ייחודי של צינור אלקטרופולישי (EP) פנימי ברמות גימור של UHP, HP, CFOS. המוצר מיועד להזרמת גזים ונוזלים בחדרים נקיים לתעשיית הסמיקונדקטור, פארמה וביוטכנולוגיה.

Why Choose EP Coil?

Cardinal Coil is constructed from seamless 316L stainless steel for excellent corrosion resistance and good weldability.

Reduce overall installation time and number of welders/tradesmen.

Eliminate Possible Contamination and Corrosion in Weld Affected Zones.

Fewer welds- Minimize Welding / Inspection: 100-meter section would require 17 – 18 welds for stick tubing versus 2 – 3 for coil tubing.

Quicker installation

Reduced verification time

Improved system integrity

Continuous lengths up to 100 meter

Reduced storage requirements

Save layout time

Reduced particulate traps

Maintain up to 180°C



EP Coil - Tech 50CR

Specifications

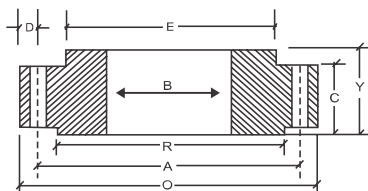
- Electropolished to 10 μin / 0.25 μm Ra.
- 316L SS tubing meets ASTM specifications for consistent physical, dimensional and chemical composition.
- Controlled sulfur content to ensure consistent weldability and reduced non-metallic inclusions.
- Final cleaning and packaging performed in a Class 10 (ISO Class 4) cleanroom.
- 0.1 μ filtered 60°C DI water rinse.
- 0.005 μ filtered 120°C Nitrogen dried.
- Used in ultra-high purity gas, chemical distribution, and WFI systems.
- Certificate of Conformance.

Maximum Lengths:

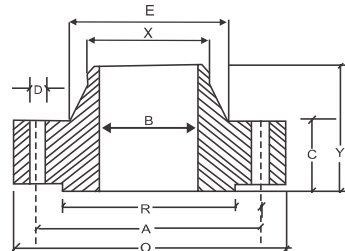
- 1/8" OD x 0.020" wall 100ft (30m)
- 1/4" OD x 0.035" wall 330ft (100m)
- 3/8" OD x 0.035" wall 330ft (100m)
- 1/2" OD x 0.049" wall 330ft (100m)



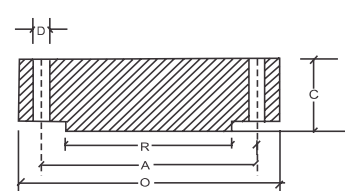
DIMENSIONS OF FORGED FLANGES AS PER ANSI 16.5



SLIP-ON FLANGE



WELDING NECK FLANGE



BLIND FLANGE

DIMENSIONS OF CLASS 150 FLANGES AS PER ANSI B 16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dia of Bolt Holes	No. of Holes	Thk of Flange	Dia of Hub	Lenght through Hub			Dia of Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S/O & S/W	W/N	L/J	S/O & S/W	L/J			
(MM)	(INCH.)	O	A	D	C	E	Y	Y	Y	B	B	R	F	X
15	1/2	88.9	60.3	15.9	4	11.1	15.9	47.6	15.9	22.3	22.9	34.9	9.5	21.33
20	3/4	98.4	69.8	15.9	4	12.7	15.9	52.4	15.9	27.7	28.2	42.9	11.1	26.67
25	1	107.9	79.4	15.9	4	14.3	17.5	55.6	17.5	34.5	35.0	50.8	12.7	33.40
32	1 1/4	117.5	88.9	15.9	4	15.9	20.6	57.1	20.6	43.2	43.7	63.5	14.3	42.16
40	1 1/2	127.0	98.4	15.9	4	17.5	22.2	61.9	22.2	49.5	50.0	73.0	15.9	48.26
50	2	152.4	120.6	19.0	4	19.0	25.4	63.5	25.4	62.0	62.5	92.1	17.5	60.31
65	2 1/2	177.8	139.7	19.0	4	22.2	28.6	69.8	28.6	74.7	75.4	104.8	19.0	73.02
80	3	190.5	152.4	19.0	4	23.8	30.2	69.8	30.2	90.7	91.4	127.0	20.6	88.90
100	4	228.6	190.5	19.0	8	23.8	33.3	76.2	33.3	116.1	116.8	157.2	-	114.30
125	5	254.0	215.9	22.2	8	23.8	36.5	88.9	36.5	143.8	144.5	185.7	-	141.30
150	6	279.4	241.3	22.2	8	25.4	39.7	88.9	39.7	170.7	171.4	215.9	-	168.27
200	8	342.9	298.4	22.2	8	28.6	44.4	101.6	44.4	221.5	222.2	269.9	-	219.07
250	10	406.4	361.9	25.4	12	30.2	49.2	101.6	49.2	276.3	277.4	323.8	-	273.05
300	12	482.6	431.8	25.4	12	31.8	55.6	114.3	55.6	327.1	328.2	381.0	-	323.85
350	14	533.4	476.2	28.6	12	34.9	57.1	127.0	79.4	359.1	360.2	412.7	-	355.60
400	16	596.9	539.7	28.6	16	36.5	63.5	127.0	87.3	410.5	411.2	469.9	-	406.40
450	18	635.0	577.8	31.7	16	39.7	68.3	139.7	96.8	461.8	462.3	533.4	-	457.20
500	20	698.5	635.0	31.7	20	42.9	73.0	144.5	103.2	513.1	514.3	584.2	-	508.00
600	24	812.8	749.3	34.9	20	47.6	82.5	152.4	111.1	615.9	615.9	692.1	-	609.60

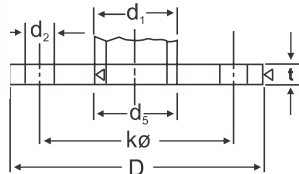
All Dimensions are in Millimeters • Flanges except Lap Joint will be furnished with (1.6mm) Raised Face, which is included in Thickness(C) and Lenght through Hub(Y).

10BAR

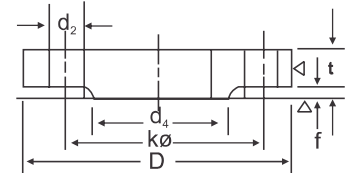
DIN 2576 SLIP - ON FLANGES

DIN 2527 BLIND FLANGES

DIN 2632 WELDING NECK FLANGES



SLIP-ON



BLIND

Unit : mm

Bore		Common Dimension						Hub				Raise Face		Drilling				Approx Weight (kg)	
Nominal Bore	d ₁	D	Welding neck	t	slip-on	Blind	K	T	d ₃	s	r	a	d ₄	f	No. of Bolt	Dia. of Bolt	d ₅	DIN 2576	DIN 2632
10	14 (17.2")	90	14	14	14	60	35	25 28	1.8	4	6	40	2	4	M12	(1.2")	14	0.163	0.580
15	20 (21.3")	95	14	14	14	65	35	30 32	2.0	4	6	45	2	4	M12	(1.2")	14	0.675	0.648
20	25 (26.9")	105	16	16	16	75	38	38 40	2.3	4	6	58	2	4	M12	(1.2")	14	0.947	0.952
25	30 (33.7")	115	16	16	16	85	38	42 45	2.6	4	6	68	2	4	M12	(1.2")	14	1.14	1.14
32	38 (42.4")	140	16	16	16	100	40	52 56	2.6	6	6	78	2	4	M16	(5/8")	18	1.66	1.69
40	44.5 (48.3")	150	16	16	18	110	42	60 64	2.6	6	7	88	3	4	M16	(5/8")	18	1.89	1.86
50	57 (60.3")	165	18	18	18	125	45	72 75	2.9	6	8	102	3	4	M16	(5/8")	18	2.51	2.53
65	76.1")	185	18	18	18	145	45	90	2.9	6	10	122	3	4	M16	(5/8")	18	3.00	3.06
80	88.9")	200	20	20	20	160	50	105	3.2	8	10	138	3	4	M16	(5/8")	18	3.79	3.70
100	108 (114.3")	220	20	20	20	180	52	125 131	3.6	8	12	158	3	8	M16	(5/8")	18	4.20	4.62
125	133 (139.7")	250	22	22	22	210	55	150 156	4.0	8	12	188	3	8	M16	(5/8")	18	5.71	6.30
150	159 (168.3")	285	22	22	22	240	55	175 184	4.5	10	12	212	3	8	M20	(3/4")	23	6.72	7.75
200	216 (219.1")	340	24	24	24	295	62	232 235	5.9	10	16	268	3	8	M20	(3/4")	23	9.50	11.3
250	267 (273")	395	26	26	26	350	68	285 292	6.3	12	16	320	3	12	M20	(3/4")	23	12.5	14.7
300	381 (323.9")	445	26	26	28	400	68	335 344	7.1	12	16	370	4	12	M20	(3/4")	23	14.4	17.6
350	355.6") 368	505	26	28	30	460	68	385	7.1	12	16	430	4	16	M20	(3/4")	23	20.6	21.4
400	406.4") 419	565	26	32	32	515	72	440	7.1	12	16	482	4	16	M24	(7/8")	27	27.9	26.1
500	508") 521	670	28	38	34	620	75	542	7.1	12	16	585	4	20	M24	(7/8")	27	41.1	34.7
600	609.6") 622	780	28			725	80	642	7.1	12	18	685	5	20	M27	(1")	30		
700	711.2") 720	895	30			840	80	754	8.0	12	18	800	5	24	M27	(1")	30		
800	812.8") 820	1015	32			950	90	850	8.0	12	18	905	5	24	M30	(1.1/8")	30		
900	914.4") 920	1115	34			1050	95	950	10.0	12	20	1005	5	28	M30	(1.1/8")	33		
1000	1016") 1020	1230	34			1160	95	1052	10.0	16	20	1110	5	28	M33	(1 1/4")	36		

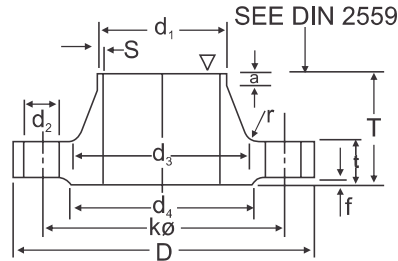
Out side diameter of pipe complies with ISO recommendation R64

16BAR

DIN 2543 SLIP - ON FLANGES

DIN 2527 BLIND FLANGES

DIN 2633 WELDING NECK FLANGES



WELDING NECK

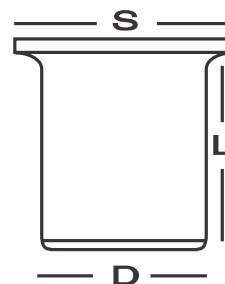
Unit : mm

Bore		Common Dimension						Hub				Raise Face		Drilling			Approx Weight (kg)	
Nominal Bore	d ₁	D	Welding neck	slip-on (No-hub)	Blind	K	T	d ₃	s	r	a ≈	d ₄	f	No. of Bolt	Dia. of Bolt	d ₂	DIN 2543	DIN 2633
10	14 (17.2*)	90	14	14	14	60	35	25 28	1.8	4	6	40	2	4	M12 (1.2")	14	0.63	0.580
15	20 (21.3*)	95	14	14	14	65	35	30 32	2.0	4	6	45	2	4	M12 (1.2")	14	0.72	0.648
20	25 (26.9*)	105	16	16	16	75	38	38 40	2.3	4	6	58	2	4	M12 (1.2")	14	1.01	0.952
25	30 (33.7*)	115	16	16	16	85	38	42 45	2.6	4	6	68	2	4	M12 (1.2")	14	1.23	1.14
32	38 (42.4*)	140	16	16	16	100	40	52 56	2.6	6	6	78	2	4	M16 (5/8")	18	1.80	1.69
40	44.5 (48.3*)	150	16	16	16	110	42	60 64	2.6	6	7	88	3	4	M16 (5/8")	18	2.09	1.86
50	57 (60.3*)	165	18	18	18	125	45	72 75	2.9	6	8	102	3	4	M16 (5/8")	18	2.88	2.53
65	76.1*)	185	18	18	18	145	45	90	2.9	6	10	122	3	4	M16 (5/8")	18	3.66	3.06
80	88.9*)	200	20	20	20	160	50	105	3.2	8	10	138	3	8	M16 (5/8")	18	4.77	3.70
100	108 (114.3*)	220	20	20	20	180	52	125 131	3.6	8	12	158	3	8	M16 (5/8")	18	5.65	4.62
125	133 (139.7*)	250	22	22	22	210	55	150 156	4.0	8	12	188	3	8	M16 (5/8")	18	8.42	6.30
150	159 (168.3*)	285	22	22	22	240	55	175 184	4.5	10	12	212	3	8	M20 (3/4")	23	10.4	7.75
200	216 (219.1*)	340	24	24	24	295	62	232 235	5.9	10	16	268	3	12	M20 (3/4")	23	16.1	11.0
250	267 (273*)	405	26	26	26	355	70	285 292	6.3	12	16	320	3	12	M24 (7/8")	27	24.9	15.6
300	381 (323.9*)	460	28	28	28	410	78	338 344	7.1	12	16	378	4	12	M24 (7/8")	27	35.1	22.0
350	355.6*) 368	520	30	30	30	470	82	390	8.0	12	16	438	4	16	M24 (7/8")	27	47.8	28.7
400	406.4*) 419	580	32	32	32	525	85	445	8.8	12	16	490	4	16	M27 (1")	30	63.5	36.3
500	508*) 521	715	34	36	34	650	90	548	8.0	12	16	610	4	20	M30 (1 1/8")	33	102.0	59.3
600	609.6*) 622	840	36	40		770	95	652	8.8	12	18	725	5	20	M33 (1 1/4")	36		
700	711.2*) 720	910	36			840	100	755	8.8	12	18	795	5	24	M33 (1 1/4")	36		
800	812.8*) 820	1025	38			950	105	855	10.0	12	20	900	5	24	M36 (1 3/8")	39		
900	914.4*) 920	1125	40			1050	110	955	10.0	12	20	1000	5	28	M36 (1 3/8")	39		
1000	1016*) 1020	1255	42			1170	120	1058	10.0	16	20	1115	5	28	M39 (1 1/2")	42		

Out side diameter of pipe complies with ISO recommendation R64

STAB END B-16.9 MSS SP 43 SHORT

Nominal Pipe Size		Outside Diameter		
INCH	MM	D	S	Short L
1/2	15	21.3	35.0	50.8
3/4	20	26.7	43.0	50.8
1	25	33.4	51.0	50.8
1.1/4	32	42.2	64.0	50.8
1.1/2	40	48.3	73.0	50.8
2	50	60.3	93.0	63.5
2.1/2	65	73.0	105.0	63.5
3	80	88.9	127.0	63.5
3.1/2	90	101.6	140.0	76.2
4	100	114.3	157.0	76.2
5	125	141.3	186.0	76.2
6	150	168.3	218.0	88.9
8	200	219.1	270.0	101.6
10	250	273.1	324.0	127.0
12	300	323.8	381.0	152.4
14	350	355.6	413.0	152.4
16	400	406.4	470.0	152.4
18	450	457.2	533.0	152.4
20	500	508.0	584.0	152.4
22	550	559.0	614.4	152.4
24	600	610.0	692.0	152.4
26	650	660.0		
28	700	711.0		
30	750	762.0		
32	800	813.0		
34	850	864.0		
36	900	914.4		





חברה מגט קונקט מייצגת בלעדית בישראל את חברה KIESELMANN מגרמניה.

החברה היא אחד הספקים המובילים באירופה של שסתומים וברזים מנירוסטה לתעשיות המזון, המשקאות, הכימיקלים, התרופות והביו-טכנולוגיה.

ADVANTAGES

The space-saving solution

KIESELMANN butterfly valves are the space-saving solution for shutting off product flows in process systems such as on panels and tanks in a hygienic and inexpensive way.

- > Ergonomic thermal protection handle, 90° lock or optional shift limit, standard or shortened handle design, fiberglass reinforced plastic material, available in your choice of colours or stainless steel
- > **Sealing materials Silicone, EPDM, FKM, HNBR**
- > Vacuum insert suitable
- > **Easy installation** and **many connection options**
- > Service-friendly **intermediate flange design**



Single seat valves (KI-DS)
Ball valves
Butterfly valves
Leakage butterfly valves
Double seat valves
Tank and vessel fittings
Sealing systems
Automation and valve manifolds

TECHNICAL DATA BUTTERFLY VALVES	
Nominal diameters	DN 15 – 200/1" – 4"
Materials in product contact	1.4301 / AISI 304 1.4307 / AISI 304L 1.4404 / AISI 316L
Sealing material	EPDM (SIP 140° C, 30 min) HNBR (SIP 110° C, 30 min) Silicone (SIP 100° C, 30 min) FKM (SIP 90° C, 30 min)
Product-contacting surfaces	Ra < 0.8 µm e-polished
Operating pressure: DN 15 – 65 / 1" – 2½" DN 80 – 100 / 3" – 4" DN 125 DN 150 DN 200 (only intermediate flange version)	16 bar 10 bar 6 bar 6 bar 6 bar
Operating temperature	max. 95 °C
Control air	5.5 - 8 bar, lower control air pressures on request
Connection variants	Welded, threaded, flange, clamp and conical socket/nut connection

butterfly valves / ball valves ברזי פרפר/ברזי כדור



- ▶ Thermally stable handle in ergonomic design with 360° actuation, 90° locking or optionally switching limitation
- ▶ Standard or short handle design, Material: plastic, optionally in colours of your choice or stainless steel



- ▶ Cost effective leakage protection
- ▶ Sealing materials EPDM, HNBR
- ▶ Hygienic because of cleanable leakage chamber
- ▶ Easy maintenance construction with only one sealing element



Constructions

T-Ball
L-Ball

- ▶ Robust and easy to assemble
 - ▶ Spring preloaded shaft seal
 - ▶ Gap-free housing seal based on the aseptic union principle
 - ▶ Piggable
- Optionally:
- ▶ Full PTFE cavity fillers with minimal clearance volume
 - ▶ Cleaning connections for external flushing of the cavities
 - ▶ Heating jacket

TECHNICAL DATA Butterfly Valves

Installation sizes:	DN 15 – 200 / 1" – 4"
Materials	1.4301 / AISI 304
product wetted:	1.4307 / AISI 304L 1.4404 / AISI 316L
Sealing materials:	EPDM (SIP 140° C, 30 min) HNBR (SIP 130° C, 30 min) Silicone (SIP 100° C, 30 min) FKM (SIP 90° C, 30 min)
Surfaces	
product wetted:	Ra ≤ 0.8 µm
Operating pressure:	
DN 15 – 65 / 1" – 2½"	16 bar
DN 80 – 100 / 3" – 4"	10 bar
DN 125	6 bar
DN 150	6 bar
DN 200*	6 bar

*nominal width only available for between flanges butterfly valve

TECHNICAL DATA Leakage Butterfly Valves

Installation sizes:	DN 50 – 150 / 2" – 4"
Materials	
Product wetted	1.4404 / AISI 316L
Sealing materials:	EPDM (SIP 140° C, 30 min) HNBR (SIP 110° C, 30 min)
Surfaces	
product wetted:	Ra ≤ 0.8 µm, electro polished
Operating pressure:	
DN 50 – 100 / 2" – 4"	10 bar
DN 125	6 bar
DN 150	4 bar

TECHNICAL DATA Ball Valves / Three-way Ball Valves

Installation sizes	
Ball Valves:	DN 25 – 100 / 1" – 4"
Three-way Ball Valves:	DN 25 – 80
Materials	
product wetted:	1.4404 / AISI 316L
Sealing materials:	EPDM (SIP 140° C, 30 min) PTFE (SIP 130° C, 30 min) NBR (SIP 100° C, 30 min) FKM (SIP 140° C, 30 min)
Surfaces	
product wetted:	Ra ≤ 0.8 µm, electro polished
Operating pressure:	16 bar (Straight-way ball valve) 10 bar (Three-way ball valve)

* הזמנה בכפוף לתנאי ייבוא

KI-DS SINGLE SEAT VALVES ברז בוכנה יחיד

חדש!
KIESELMANN

Compact and universal Single seat valves in modular design

The new compact valve series KI-DS stands out particularly due to their compact design. According to your specific application, you can choose the specific actuator from a modular system of four depending on what capacity is required. Retrofitting to an actuator with a higher capacity is possible without adaptation.

The actuators can be changed over either to air to open/spring to close or to spring to open/air to close, simply by turning them upside down. All actuators have the same overall height which allows a trouble-free connection and optimizes considerably the joint connection.

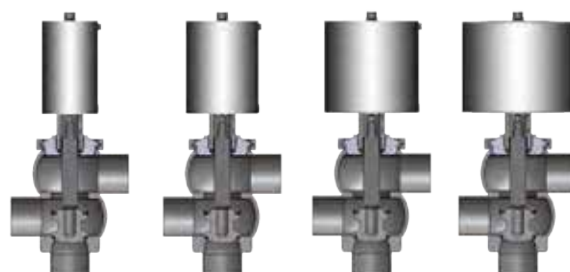
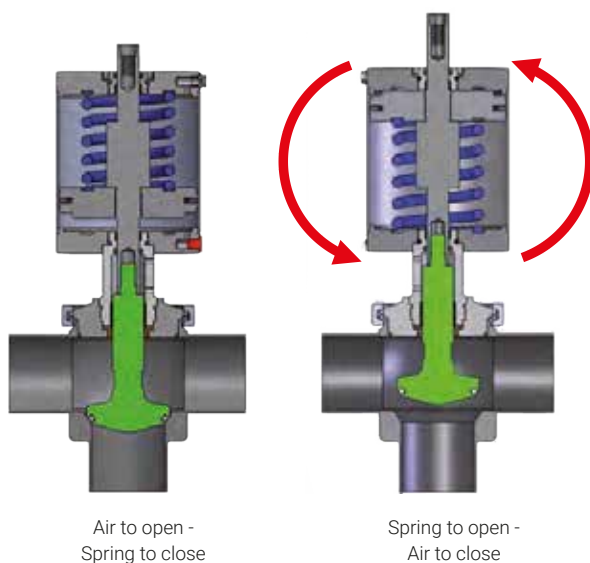
Of course, this compact series meets KIESELMANN's high hygienic standards.

The valves are available as inclined seat, angle, T-, cross, loop, change-over and tank outlet valves as well as flow control valve.



- ▶ Dead space-free housing in hygienic design
- ▶ 4 actuation sizes for the most different applications
- ▶ Maintenance-free universal actuators with 5 years warranty
- ▶ Modular principle

Universal actuator with changeable function



Four sizes of actuators for different applications
(Operating pressure)

TECHNICAL DATA	
Installation sizes:	DN 25 – 100, 1" – 4"
Materials	
Product wetted:	1.4404 / AISI 316L
not product wetted:	1.4301 / AISI 304 1.4307 / AISI 304L
Seal materials:	EPDM (SIP 140 °C, 30 min) FDA compliant HNBR (SIP 130 °C, 30 min) FDA compliant
Surfaces product wetted:	Ra ≤ 0,8 µm e-polished
Operating pressure	Depending on nominal width and size of the actuator (on request)
Control air:	
DN 25 – 65	min. 5.5 bar
DN 80 – 100	min. 6.0 bar

DOUBLE SEAT VALVES ברז בוכנה כפול

Divided Valve Disks for Maximum Security

KIESELMANN double seat valves are leak-proof valves and serve to separate incompatible products in automatic process plants without contamination. Mixing is reliably prevented by two independent valve disks. In the case of a damaged seal, the medium will drain in a pressure-free way through the leakage gap. Lifting of the upper or lowering of the bottom valve disk enables cleaning of the leakage space.

KIESELMANN double seat valves are characterized by low operating, maintenance and repair costs.



Ausführungen:

Double Seat Valve, Double Seat Change-over Valve,
Double Seat Valve piggyback, Double Seat Tank Outlet Valve

Your Advantages:

- ▶ **The Hygienic Safety**
Product penetration to the rear side of the gasket is absolutely impossible
- ▶ **EHEDG-certified**
High hygienic safety due to excellent cleanability
- ▶ **Minimised product shear**
Optimised flow path
- ▶ **Sealing material *k-flex***
Highly chemically resistant *k-flex* valve disk sealing allows for applications with universal media with a long service life
- ▶ **Reliable leakage detection**
Leak-free opening and closing, only a seal failure will cause leakage
- ▶ **Everything under control**
Comprehensive possibility of automation ranging from sensor monitoring via SPS or ASI-BUS control head, to emergency-off function and valve position display
- ▶ **Assembly handling**
Easy and quick replacement of seals, faulty assembly is not possible
- ▶ **Optional**
Cleaning of inspection lantern is possible

TECHNICAL DATA

Installation sizes:	DN 25 – 150, 1" – 4"
Materials	
Product contact:	1.4404 / AISI 316L
Non-product contact:	1.4301 / AISI 304 1.4307 / AISI 304L
Sealings:	EPDM (SIP 140° C, 30 min) FDA compliant HNBR (SIP 110° C, 30 min) FDA compliant <i>k-flex</i> (SIP 150° C) FDA conform
Surfaces	
Product wetted:	Ra ≤ 0.8 µm electro polished
Operating pressure:	
DN 25 – DN 100	max. 10 bar
DN 125 / 150	max. 6 bar
DN 1" – 4"	max. 10 bar
Pressure shock resistance:	up to 40 bar (closed valve position)
Control air:	5.5 – 8 bar (lower control air pressures on request)
Operating temperature:	95° C

DOUBLE SEAT VALVES ברז בוכנה כפול

All Advantages at a Glance



Modular control head

Depending on the version, including:

- ▶ Position indicator and display
- ▶ Valve control
- ▶ Diagnostic system

Actuator

(with 5 year operation warranty)

- ▶ Maintenance-free
- ▶ Removable

Simple assembly

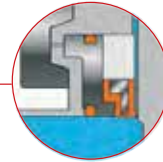
Clamp lock for complete removal of valve insert and actuator

Uniform valve disk sealing principle

results in continuous locking function and protection from pressure shocks. Leakage free opening and closing of the valve avoids product losses and hygienic problems in the leakage chamber

Spherical shaped housing

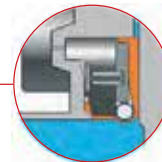
Housing design eliminates cleaning shadows to ensure safe cleaning and gentle product handling



Shaft sealings with metal core

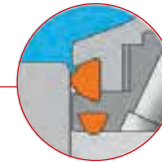
for highest dynamic and static sealing results in defined pre-compression

Positioning of all sealing elements with metallic limit stop - no clearance



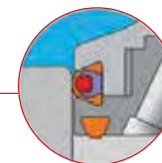
k-flex shaft sealings with metallic support

for universal applications

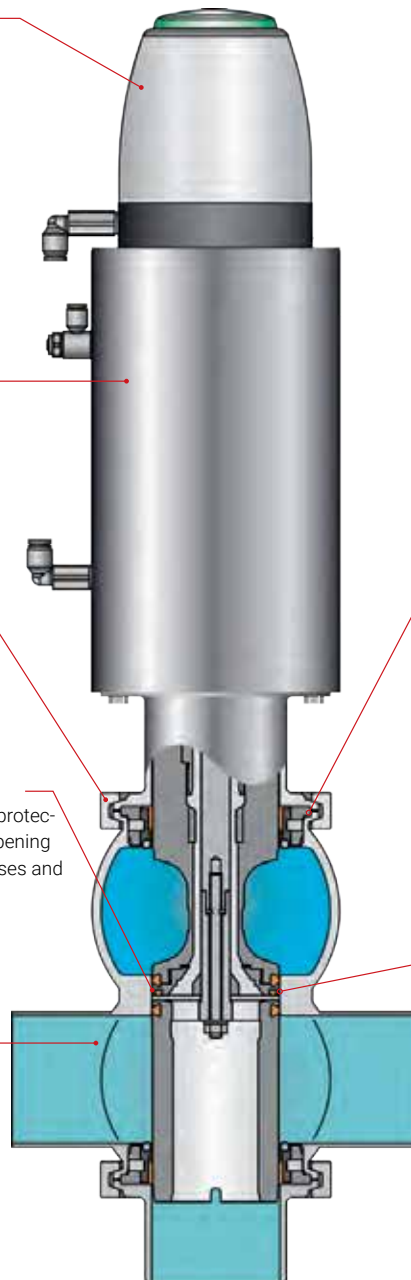


Divided valve disks for hygienic fixation of the disk sealing. Penetration to the rear side of the valve disk sealing is thus absolutely avoided

Valve disk sealing with FEM optimised sealing form provides for continuously safe and dynamic closing characteristic



Highly chemically resistant k-flex valve disk sealing allows for applications with universal media with a long service life



BUNGING VALVES / PRESSURE COMPENSATION שסתומי לחץ

Constant pressure ratios

These bunging valves with spring return are continuously adjustable.

Exactly adjustable to the desired opening pressure. The valves are closed and opened very sensitively with low differential pressures.

The KIESELMANN bunging valves are available both in open design (free blowing-off of CO₂) and in closed design with pipe connection. The closed design enables to collect the excess CO₂.

Pressure compensation

A multitude of vacuum and pressure compensation valves are available for further applications.

Our application consultants will be pleased to help you to choose the appropriate valve.

In order to guarantee the vessel safety, an additional safety valve is necessary, as for this is characterized by a blow-off performance defined for critical situations and by a operating point fixly adjusted.



Bunging valve Type 6268
(spring return)

Bunging apparatus Type 6255
including function for safety
(spring return)



Pressure compensation valve
(spring return)
Type 6131



Pressure compensation valve
(spring return)
Type 6132



Pressure compensation valve
(spring return)
Type 6133



Pressure compensation valve
(spring return)
Type 6135

TECHNICAL DATA

Nominal widths:	G 1, DN 15*, 25* / 32, 40 and 50
Materials:	1.4301 / AISI 304 1.4404 / AISI 316L for all product wetted parts
Seal materials:	FKM, EPDM
Set pressure:	0.2 – 4 bar (Type 6268) 0.2 – 3.2 bar (Type 6255)
Standard connection variants:	Taper nut DIN 11851, G 1 other connections upon request (e. g. flanges, clamps)

*Approval for gases according to DGRL (PED)

SAFETY VALVES שסתומי ביטחון

Protection against inadmissible overpressure

KIESELMANN safety valves operate automatically, without any auxiliary energy, as soon as system pressure exceeds the adjusted set point. They are characterized by very precise response performance along with excellent flow capacity.

The safety valves are designed with a compact and closed housing. All moving parts are kept inside. On the one side it allows a proper cleaning of the outer surfaces, on the other it avoids the risk of an external blocking. The spherical shaped cavity with the hygienic designed clamp connection ensures excellent CIP / SIP performance at any time.

Basic configurations

- ▶ Spring return
- ▶ Weight loaded

Optional features

- ▶ Position sensor
- ▶ Manual easing gear
- ▶ Pneumatic easing gear



Safety valves for liquids
(spring return and weight-loaded)



Safety valves for gases (spring return)

TECHNICAL DATA

Nominal widths:	DN 25 – 100 (liquids/gases) DN 20 (gases)
Materials:	1.4301 / AISI 304 1.4404 / AISI 316L for all product wetted parts
Seal materials:	EPDM (liquids/gases) FKM, EPDM (gases)
Set pressure:	0.2 – 12 bar depends on nominal width (liquids/gases) 0.1 – 10 bar (gases)
Operating temperature:	max. 90° C (liquids) CIP / SIP capable up to 140° C max. 130° C (gases)
Standard connection variants:	Taper nut DIN 11851 (liquids) G 1 taper nut DIN 11851 (gases) other connections upon request (e. g. flanges, clamps)
Options:	manually or pneumatically liftable heatable (liquids) Sensor inductive (liquids) cleaning hood (gases)

CLEANING TECHNOLOGY מערכות ניקוי/ממטרות

Three-dimensional cleaning DUNOS₀

The DUNOS₀ series helps to remove incrustations and critical deposits in a strong, quick and reliable way. Tailored to your requirements, you will achieve both an effective and efficient removal of all residues. This is rendered possible by the selection of the nozzle fitting as well as by the range of the operating pressures. The cleaner even reaches angled geometries and apparatus areas, which a conventional rotational cleaner must give in.

The DUNOS₀ series provides at any time for brilliant results regarding quality and economy.

חדש!
KIESELMANN



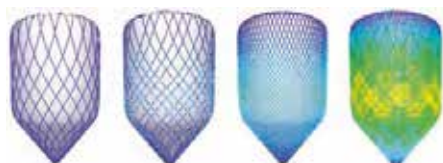
Small but strong



Light and strong

- ▶ Economical and environmentally friendly at the same time, due to minimization of the used quantities, logistic, waste and disposal costs
- ▶ Integrated self-cleaning during operation
- ▶ Driven by the medium, with extremely low pressure losses
- ▶ Position of the drive of the medium possible at the head as well as alternative drives outside the vessel
- ▶ Any fitting position, fix mounting or mobile application possible optionally
- ▶ Long-life, low-maintenance design
- ▶ Easy maintenance
- ▶ Use of high-quality materials
- ▶ Optimized flow of all inner parts

Jet pattern examples of DUNOS₀



Cycle 1 Cycle 2 Cycle 3 Cycle 4

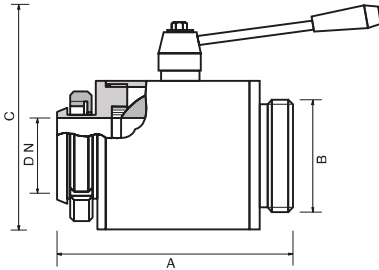
The complete inner surface is cleaned already after the first cycle. Any further cycle produces a closer meshed cleaning pattern and thus a more intensive cleaning.

TECHNICAL DATA	DUNOS ₀ 50	DUNOS ₀ 90
Spraying diameter:	at 2 bar up to 5000 mm	at 2 bar up to 8000 mm
Pressure range:	1 – 15 bar	
Installation opening:	min. 70 mm	min. 130 mm
Connections:	G ¾ inner thread	G 1 ½ inner thread
Operating temperature:	5 – 95° C	
Materials:	1.4404 Special materials (optional): 1.4435, 1.4571, Hastelloy	
Surfaces:	Ra ≤ 0,8 µm	
Certificates:	ATEX, material certificate, further certificates upon request	

ברזי כדור מלוטשים לתעשיית יין, תוצרת איטליה



ברז כדורי מלוטש DIN מעבר מלא קצוות רקורד זכר/נקבה ART.70 SS316



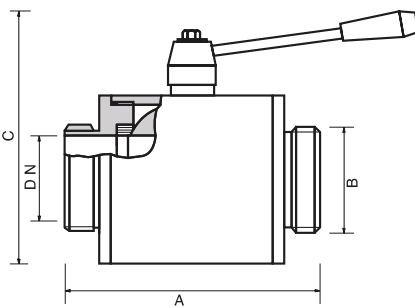
MASCHIO GIRELLA DIN /
FEMMINA DIN

ROUND NUT DIN /
FEMALE DIN

ECROU DIN / FEMELLE DIN

DN	A	B	C	gr.
15	85	34-8	71	530
20	95	44-6	84	810
25	108	52-6	96	1020
32	119	58-6	110	1595
40	131	65-6	135	2555
50	141	78-6	145	3350
65	171	95-6	192	6745
80	179	110-4	208	10570
100	206	130-4	243	16975

ברז כדורי מלוטש DIN מעבר מלא קצוות רקורד זכר/זכר הברגה ART.69 SS316



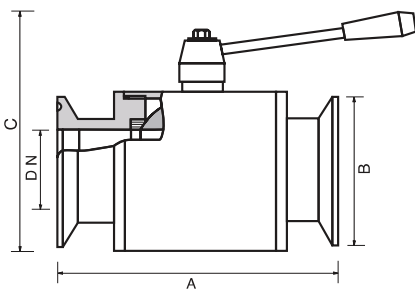
FEMMINA DIN /
FEMMINA DIN

FEMELLE DIN /
FEMALE DIN

FEMELLE DIN /
FEMALE DIN

DN	A	B	C	gr.
15	85	34-8	71	530
20	95	44-6	84	740
25	101	52-6	96	830
32	114	58-6	110	1545
40	128	65-6	135	2455
50	135	78-6	145	3225
65	164	95-6	192	6340
80	169	110-4	208	9935
100	197	130-4	243	15955
125	256	160-4	267	24270

ברז כדורי מלוטש DIN מעבר מלא קצוות פרול ART.73 SS316



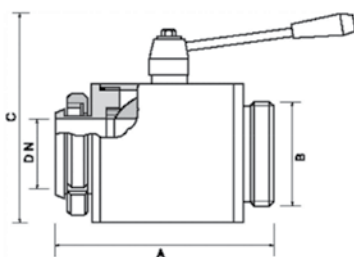
FEMMINA DIN /
FEMMINA DIN

FEMELLE DIN /
FEMALE DIN

FEMELLE DIN /
FEMALE DIN

DN	A	B	C	gr.
15	88.5	25.4	71	515
20	88.5	25.4	71	440
25	91	50.4	97	810
38	108	50.4	114	1315
51	121	64	145	2945
63	165	77.4	192	5840
76	159	90.9	208	8085
101	195	118.9	243	15495

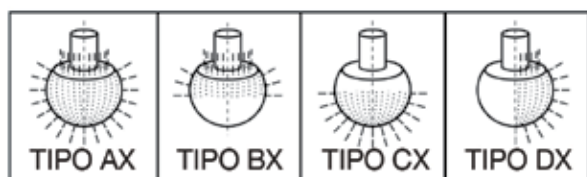
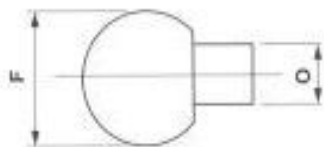
ברז כדורי מלוטש RJT מעבר מלא קצוות רקורד זכר/נקבה ART.70 SS316



Full Ball Valve Linker + round nut RJT/Male RJT

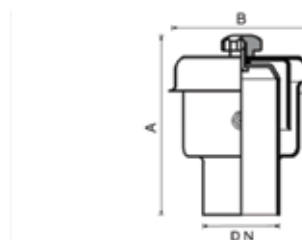
DN	A	B	C
50	138	73-6	145
57	150	85-6	155
65	172	98-6	200
100	201	123-6	245

פלב"מ 316 ממטרות עם גב שטוח



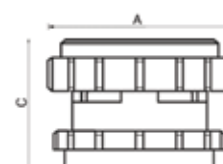
דגם	קוטר ממטרה	קוטר כניסה (פנימי/חיצוני)	קוטר נקב	ספיקה (מטר/קוב שעה)	ספיקה (ליטר/דקה)	רדיוס הפעולה (מטרים)	כמות הנקבים
CD17AX316	28	14	1.3	1.863	31.05	3.077	71
CD15AX316	40	22X20	1.6	3.78	63	11.59	49
CD1AXJ316	65	28X26	1.6	8.771	146.183	10.234	121
CD6AXJ316	65	32X30	1.6	7.906	131.767	8.314	121
CD6CX316	65	32X30	2.5	9.535	158.917	7.984	61
CD12AX316	90	38X36	2.5	22.361	372.683	5.216	177

נשמים נירוסטה/פלסטיק



Art. 206 - Wicking straight

DN	A	B	gr.
40	115	140	650
60	170	185	1525
100	210	235	2500

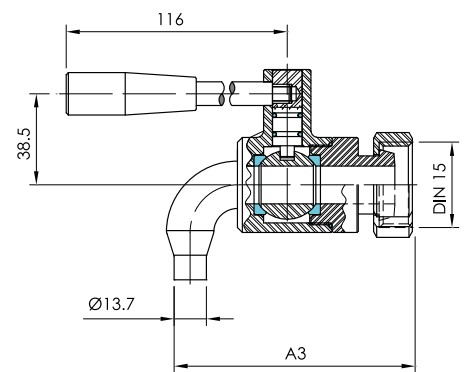
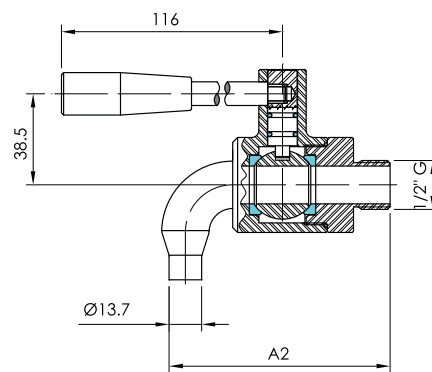
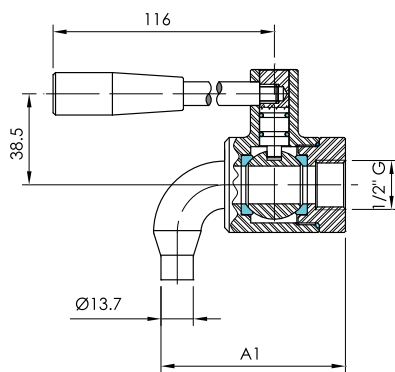
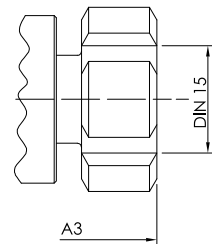
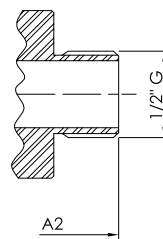
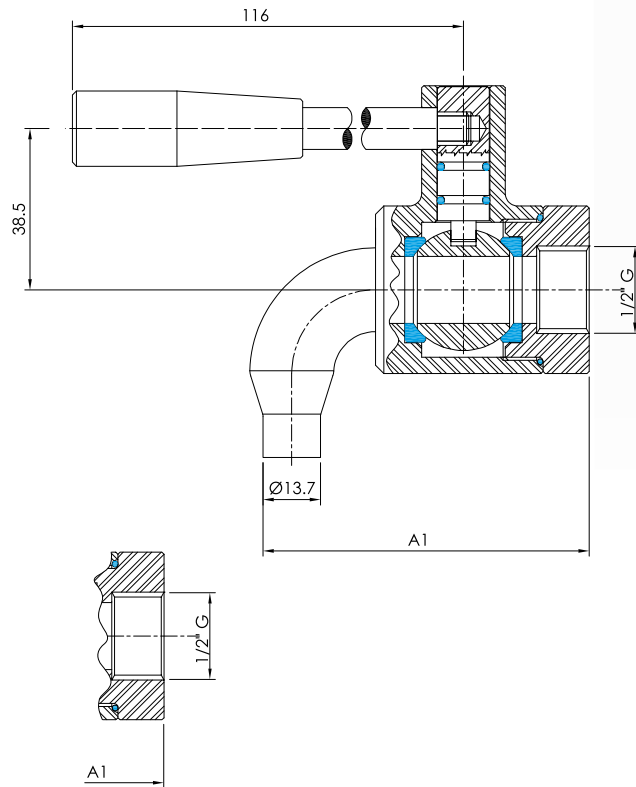


Art. 211 - Pressure compensating valve DN 50 without DN 50 male part

DN	A	C	gr.
50	190	69.5	490

* ייצור של מגט לפי דרישה

ברז דגימה כדורי 1/2" SS316 BSP Ball valve sampling cock

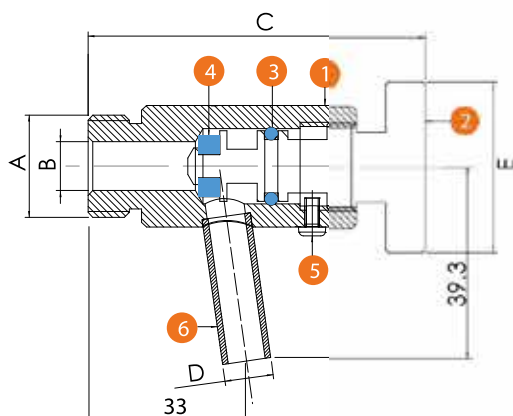


DN	ART. A1	ART. A2	ART. A3	P. Max bar
15	78	91	100	16

ברז דגימה SS316 BSP

BSP male sampling cock

Probierventil ISO DN 3/8"-1/2"



DN	A	B	C	D	E	P. Max bar
1/2"	1/2"G	10	69	10	35	4
3/8"	3/8"G	10	69	10	35	4

POS.	PARTS NAME	MAT.	Qt.
1	CORPO DN10 MASCHIO GAS	AISI 304/316	1
2	OTTURATORE	AISI 304/316	1
3	OR 3043 Ø10.78x2.62	NBR EPDM VT	1
4	GUARNIZIONE Ø12.5XØ5X4 EPDM	EPDM	1
5	Vite di sicurezza ISO 1580 - M2x4	A2-70	1
6	SCARICO Ø10x1.2	AISI 304/316	1

צנרת מזון 304/316



תקן ASTM A270

קוטר חיצוני (OD) במ"מ	קוטר חיצוני (OD) באינץ'	עובי דופן	טיב פני השטח	משקל תאורטי קילו/מטר
19.05	3/4"	1.6mm	Ra<0.7	0.66
25.4	1"	1.6mm	Ra<0.7	0,981
38.1	1.5"	1.6mm	Ra<0.7	1,506
50.8	2"	1.6mm	Ra<0.7	2,031
63.5	2.5"	1.6mm	Ra<0.7	2,555
76.2	3"	1.6mm	Ra<0.7	3,080
101.6	4"	2mm	Ra<0.7	5,256

תקן EN10357 DIN 11850

מידה	קוטר חיצוני (OD)	עובי דופן	טיב פני השטח	משקל תאורטי קילו/מטר
NW20	22/23mm	1.5mm	Ra<0.7	0,773
NW25	28mm	1.5mm	Ra<0.7	0,995
NW32	34mm	1.5mm	Ra<0.7	1,221
NW40	40mm	1.5mm	Ra<0.7	1,446
NW50	52mm	1.5mm	Ra<0.7	1,897
NW65	70mm	2 mm	Ra<0.7	3,405
NW80	85mm	2 mm	Ra<0.7	4,157
NW100	104mm	2 mm	Ra<0.7	5,108
NW125	129mm	2 mm	Ra<0.7	6,384
NW150	154mm	2 mm	Ra<0.7	7,011
NW200	204mm	2 mm	Ra<0.7	10.154

צורת למכשור עם/בלי תפר נירוסטה 304/316 תקן ASTM A213/269



TUBE O.D (INCH)	TUBE O.D (MM)	WALL THICKNESS (INCH)	WALL THICKNESS (MM)	BWG
0.188	4.78	0.035	0.89	20
0.25	6.35	0.02	0.51	
		0.028	0.71	22
		0.035	0.89	20
		0.049	1.25	18
		0.065	1.65	16
0.313	7.95	0.035	0.89	20
		0.049	1.25	18
0.375	9.53	0.028	0.71	22
		0.035	0.89	20
		0.049	1.25	18
		0.065	1.65	16
0.5	12.7	0.035	0.89	20
		0.049	1.25	18
		0.065	1.65	16
0.625	15.88	0.035	0.89	20
		0.049	1.25	18
		0.065	1.65	16
		0.035	0.89	20
0.75	19.05	0.049	1.25	18
		0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
0.875	22.23	0.035	0.89	20
		0.049	1.25	18
		0.065	1.65	16
		0.12	3.05	11
1	25.4	0.035	0.89	20
		0.049	1.25	18
		0.065	1.65	16
		0.083	2.11	14
		0.095	2.41	13
1.125	28.58	0.12	3.05	11
1.25	31.75	0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
1.375	34.93	0.035	0.89	20

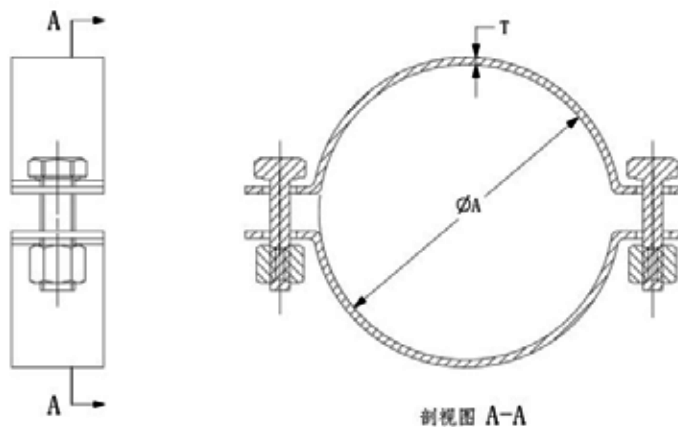
TUBE O.D (INCH)	TUBE O.D (MM)	WALL THICKNESS (INCH)	WALL THICKNESS (MM)	BWG
1.5	38.1	0.049	1.25	18
		0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
1.75	44.45	0.035	0.89	20
		0.065	1.65	16
		0.083	2.11	14
1.875	47.63	0.065	1.65	16
2	50.8	0.049	1.25	18
		0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
2.125	53.98	0.065	1.65	16
2.25	57.15	0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
2.5	63.5	0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
2.75	69.85	0.065	1.65	16
3	76.2	0.049	1.25	18
		0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
3.25	82.55	0.065	1.65	16
3.5	88.9	0.12	3.05	11
4	101.6	0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
4.25	108	0.065	1.65	16
4.5	114.3	0.065	1.65	16
5	127	0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
		0.188	4.78	
6	152.4	0.065	1.65	16
		0.083	2.11	14
		0.12	3.05	11
8	203.2	0.12	3.05	11

סט שלה לצינור (ללא מוט) Tubing Hanger

לצנרת מזון ודקורטיבית 304 L

SMS / 3A				
	A	T	KG	304
1/2"	13.0	1.8	0.045	TH-5A-0.5
3/4"	19.0	1.8	0.049	TH-5A-0.75
1"	25.4	1.8	0.056	TH-5A-1.0
1 1/4"	31.8	1.8	0.059	TH-5A-1.25
1 1/2"	38.1	1.8	0.065	TH-5A-1.5
2"	51.0	1.8	0.118	TH-5A-2.0
2 1/2"	63.5	1.8	0.158	TH-5A-2.5
3"	76.2	2.4	0.173	TH-5A-3.0
4"	101.6	2.4	0.246	TH-5A-4.0
5"	127	2.7	0.290	TH-5A-5.0
6"	152.4	2.7	0.419	TH-5A-6.0

DIN				
	A	T	KG	304
DN10	12/13	1.8	0.044	TH-5A-010
DN15	18/19	1.8	0.049	TH-5A-015
DN20	22/23	1.8	0.049	TH-5A-020
DN25	28/29	1.8	0.059	TH-5A-025
DN32	34/35	1.8	0.060	TH-5A-032
DN40	40/41	1.8	0.065	TH-5A-040
DN50	52/53	1.8	0.106	TH-5A-050
DN65	70	2.4	0.169	TH-5A-065
DN80	85	2.4	0.189	TH-5A-080
DN100	104	2.7	0.245	TH-5A-100
DN125	129	2.7	0.288	TH-5A-125
DN150	154	2.7	0.404	TH-5A-150
DN200	204	3.0	0.560	TH-5A-200



ISO				
	A	T	KG	304
10.2	10.2	1.8	0.044	TH-5A-10.2
13.5	13.5	1.8	0.045	TH-5A-13.5
17.2	17.2	1.8	0.048	TH-5A-17.2
21.3	21.3	1.8	0.048	TH-5A-21.3
26.9	26.9	1.8	0.060	TH-5A-26.9
33.7	33.7	1.8	0.060	TH-5A-33.7
42.4	42.4	1.8	0.070	TH-5A-42.4
48.3	48.3	1.8	0.109	TH-5A-48.3
60.3	60.3	2.2	0.151	TH-5A-60.3
76.1	76.1	2.2	0.176	TH-5A-76.1
88.9	88.9	2.4	0.192	TH-5A-88.9
114.3	114.3	2.7	0.266	TH-5A-114.3
139.7	139.7	2.7	0.319	TH-5A-139.7
168.3	168.3	2.9	0.459	TH-5A-168.3

לצנרת סקדיאל 10/40, 304L

צנרת סקדיואל עם ובלי תפר 304/316 SCH10, SCH10S, SCH40, SCH40S

SCH 10

מידה	קוטר חיצוני (באינץ')	קוטר חיצוני (במ"מ)	עובי באינץ'	עובי במ"מ
1/8	0.41	10.3	0.049	1.24
1/4	0.54	13.7	0.065	1.65
3/8	0.68	17.1	0.065	1.65
1/2	0.84	21.3	0.083	2.11
3/4	1.05	26.7	0.083	2.11
1	1.32	33.4	0.109	2.77
1 1/4	1.66	42.2	0.109	2.77
1 1/2	1.9	48.3	0.109	2.77
2	2.375	60.3	0.109	2.77
2 1/2	2.875	73	0.12	3.05
3	3.5	88.9	0.12	3.05
3 1/2	4	101.6	0.12	3.05
4	4.5	114.3	0.12	3.05
5	5.563	141.3	0.134	3.4
6	6.625	168.3	0.134	3.4
8	8.625	219.1	0.148	3.76
10	10.75	273	0.165	4.19
12	12.75	323.8	0.18	4.57
14	14	355.6	0.25	6.35
16	16	406.4	0.25	6.35
18	18	457	0.25	6.35
20	20	508	0.25	6.35



SCH 40

מידה	קוטר חיצוני (באינץ')	קוטר חיצוני (במ"מ)	עובי באינץ'	עובי במ"מ
1/8	0.405	10.3	0.068	1.73
1/4	0.54	13.7	0.088	2.24
1/2	0.84	21.3	0.109	2.77
3/4	1.05	26.7	0.113	2.87
1	1.315	33.4	0.133	3.38
1 1/4	1.66	42.2	0.14	3.56
1 1/2	1.9	48.3	0.145	3.68
2	2.375	60.3	0.154	3.91
2 1/2	2.875	73	0.203	5.16
3	3.5	88.9	0.216	5.49
3 1/2	4	101.6	0.226	5.74
4	4.5	114.3	0.237	6.02
5	5.563	141.3	0.258	6.55
6	6.625	168.3	0.28	7.11
8	8.625	219.1	0.322	8.18
10	10.75	273	0.365	9.27
12	12.75	323.8	0.406	10.31
14	14	355.6	0.375	11.13
16	16	406.4	0.5	12.7
18	18	457	0.562	14.27
20	20	508	0.594	15.09

צנרת דקורטיבית - צנרת 316/304 מלוטש G400/G180



צנרת מנירוסטה לבניית מעקות, מטבחים, עגלות ועוד.
זמינה במלאי בקטרים ובעובי שונה ומגוון. כל צינור מלווה
בתעודות איכות מאושרות לפי הסטנדרט.

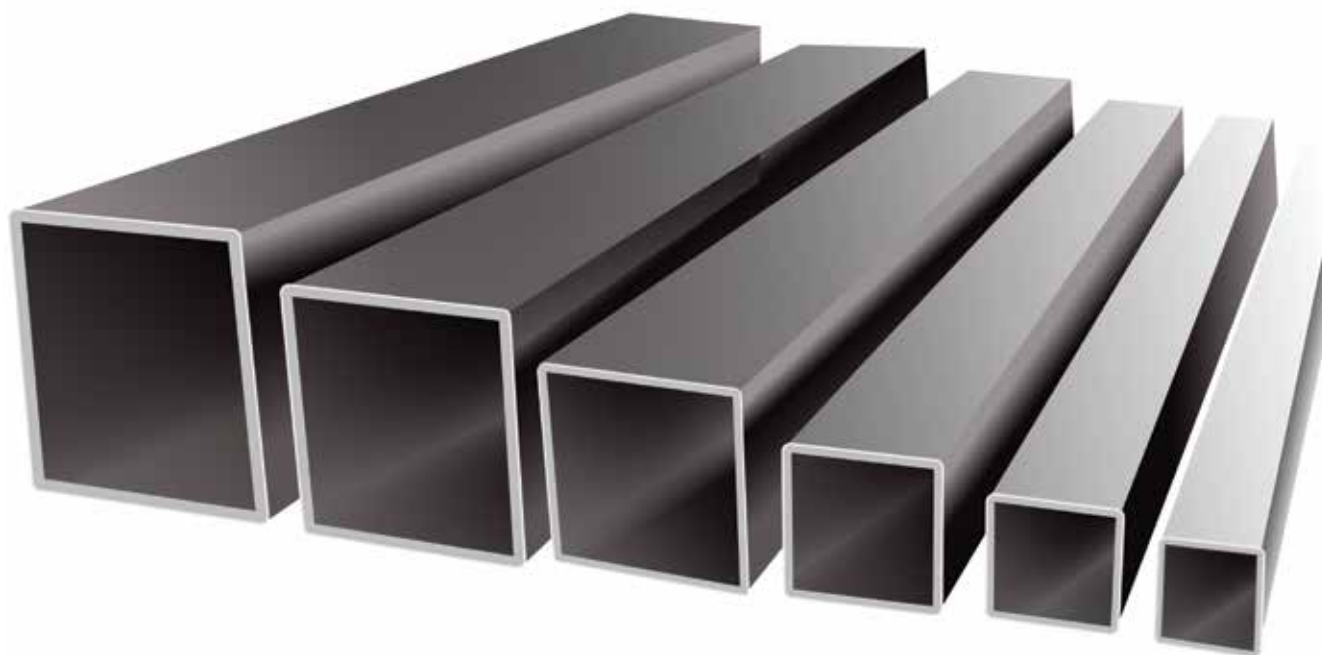
4.0	3.0	2.5	2.0	1.5	1.2	1	קוטר חיצוני	עובי דופן/מידה
				✓	✓	✓	12.7	1/2"
			✓	✓	✓	✓	19.05	3/4"
			✓	✓	✓	✓	25.4	1"
			✓	✓	✓	✓	31.75	1.25"
			✓	✓	✓	✓	38.1	1.5"
✓	✓	✓	✓	✓	✓	✓	50.8	2"
✓	✓	✓	✓	✓	✓	✓	63.5	2.5"
✓	✓	✓	✓	✓	✓		76.2	3"
✓	✓	✓	✓	✓	✓		101.6	4"

פרופילים מרובעים 316/304



פרופילים דקורטיבים מנירוסטה לשימוש קונסטרוקטיבי במטבחים, בנית עגלות, מתקנים ומכונות ייצור, סקידים ועוד.
מגוון הפרופילים שלנו זמינים במלאי במגוון מידות ועובי ברמת גימור מוברשת ו/או מלוטשת.
כל פרופיל (מרובע או מלבני) מלווה בתעודת איכות מאושרת.

עובי דופן/מידה	1	1.2	1.5	2.0	2.5	3.0	4.0	5.0
10x10	✓							
12x12	✓	✓						
15x15	✓	✓	✓					
16x16	✓	✓	✓	✓				
20x10	✓	✓	✓	✓				
20x20	✓	✓	✓	✓		✓		
22x22	✓	✓	✓	✓				
25x25	✓	✓	✓	✓	✓	✓		
30x30	✓	✓	✓	✓	✓	✓		
35x35	✓	✓	✓	✓	✓	✓		
40x40	✓	✓	✓	✓	✓	✓		
45x45	✓	✓	✓	✓	✓	✓		
50x50		✓	✓	✓	✓	✓		
60x60			✓	✓	✓	✓	✓	✓
70x70			✓	✓	✓	✓		
80x80			✓	✓	✓	✓	✓	✓
100x100			✓	✓	✓	✓	✓	✓
120x120				✓		✓	✓	✓
150x150						✓	✓	✓



פרופילים מלבניים 316/304



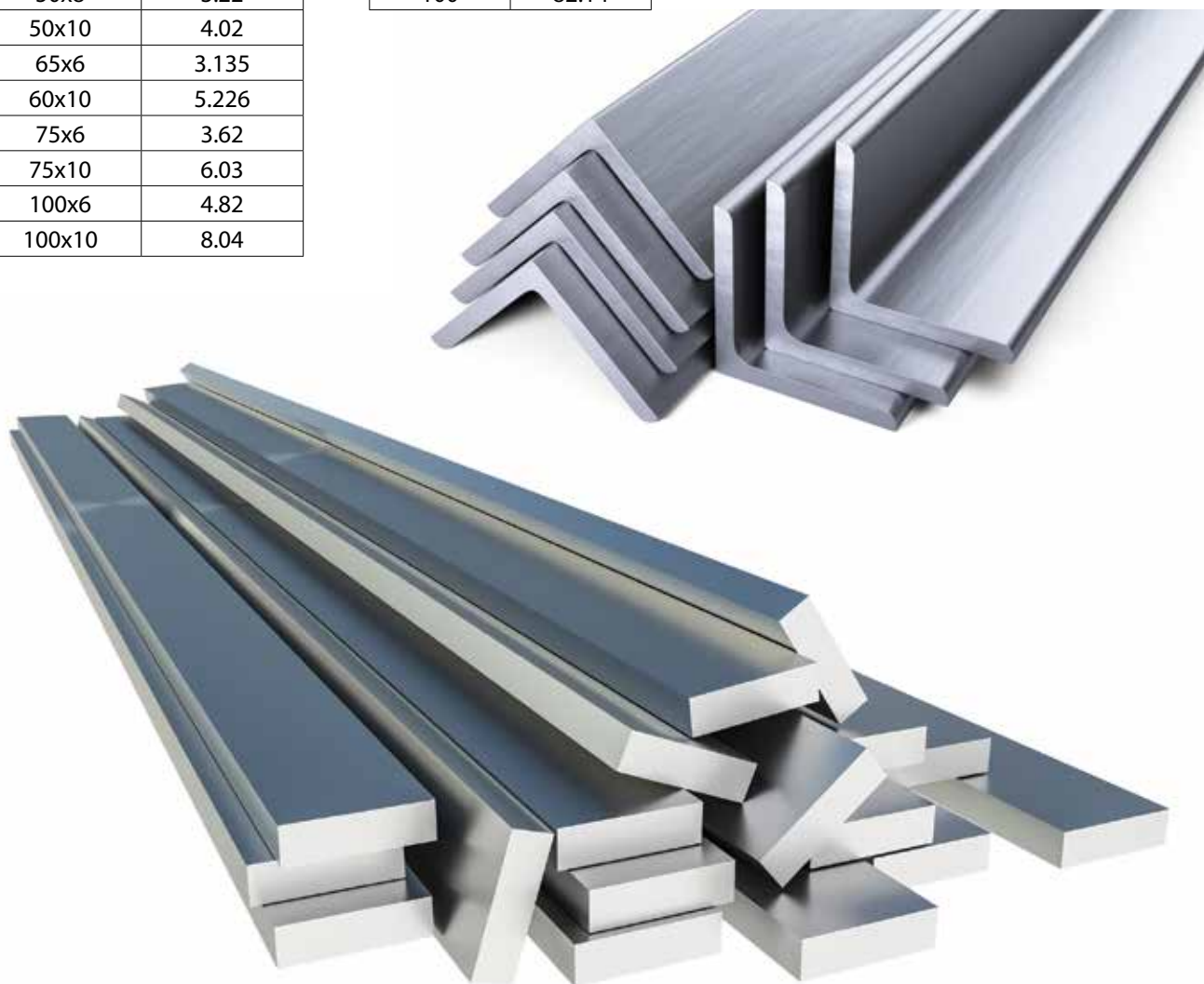
6.0	5.0	4.0	3.0	2.5	2.0	1.5	1.2	1	עובי דופן/מידה
							✓	✓	15x10
						✓	✓	✓	20x10
					✓	✓	✓	✓	20x15
					✓	✓	✓	✓	20x25
					✓	✓	✓	✓	25x10
					✓	✓	✓	✓	25x15
						✓	✓	✓	30x10
					✓	✓	✓	✓	30x15
					✓	✓	✓	✓	30x20
					✓	✓	✓	✓	30x25
					✓	✓	✓	✓	35x20
					✓	✓	✓	✓	35x25
					✓	✓	✓	✓	35x30
					✓	✓	✓	✓	35x40
					✓	✓			40x10
					✓	✓	✓	✓	40x15
			✓		✓	✓	✓	✓	40x20
					✓	✓	✓	✓	40x25
						✓			40x27
				✓	✓	✓	✓	✓	40x30
					✓	✓	✓	✓	50x10
					✓	✓	✓	✓	50x20
					✓	✓	✓	✓	50x25
			✓		✓	✓	✓	✓	50x30
			✓	✓	✓	✓	✓		50x40
				✓	✓	✓	✓		60x20
			✓	✓	✓	✓	✓		60x30
		✓	✓	✓	✓	✓	✓		60x40
			✓		✓				70x20
		✓	✓		✓				70x30
			✓		✓				70x40
					✓	✓			80x20
	✓	✓	✓	✓	✓	✓	✓		80x40
		✓	✓	✓	✓	✓			80x60
	✓	✓	✓	✓	✓	✓			100x40
	✓	✓	✓	✓	✓	✓			100x50
	✓	✓	✓	✓	✓	✓			100x60
		✓	✓		✓				100x80
		✓	✓		✓				120x40
✓	✓	✓	✓		✓				120x60
✓	✓	✓	✓		✓				120x80
		✓	✓		✓				140x60
✓	✓	✓	✓		✓				150x50
	✓	✓	✓		✓				150x100
		✓	✓		✓				160x80
		✓	✓		✓				180x60
	✓	✓							200x100

Flat Bar, Angle & Round Bar זוויות ושטחים מנירוסטה

Flat Bar	
GRAGE: 304, 304L, 316 & 316L	
Dimension mm	kg/m
15x3	0.36
15x4	0.48
20x3	0.48
25x3	0.603
25x5	1.005
25x10	2.01
30x3	0.72
30x5	1.21
40x3	0.96
40x5	1.61
40x6	1.93
40x10	3.2
50x3	1.21
50x5	2.01
50x6	2.41
50x8	3.22
50x10	4.02
65x6	3.135
60x10	5.226
75x6	3.62
75x10	6.03
100x6	4.82
100x10	8.04

Square Bar	
GRAGE: 316	
mm across the flat	kg/m
6	0.29
8	0.515
10	0.804
12	1.16
16	2.06
20	3.22
22	3.89
25	5.03
30	7.24
35	9.85
40	12.86
50	20.1
60	28.94
80	51.46
90	65.12
100	82.14

Angle	
GRAGE: 304, 304L, 316 & 316L	
Dimension mm	kg/m
25x25x3	1.20
25x25x4	1.6
30x30x3	1.45
30x30x4	1.92
40x40x3	1.9
50x50x3	2.41
40x40x4	2.57
50x50x4	3.22
25x25x5	2
30x30x5	2.4
40x40x5	3.2
40x40x6	3.86
50x50x6	4.85
65x65x6	6.27
75x75x6	7.3



מוטות עגולים מנירוסטה

Round Bar	
GRADE: 316, 304, 303	
mm	kg/m
3	0.057
4	0.101
5	0.158
5.2	0.172
6	0.227
6.1	0.235
6.35	0.254
6.5	0.267
8	0.404
8.9	0.500
10	0.631
12	0.909
12.7	1.018
13	1.066
14	1.237
15.88	1.591
16	1.615
20	2.524
25	3.944
26	4.266
28	4.95
30	5.679
32	6.461
35	7.730
36	8.178
38	9.112
40	10.096
45	12.78
48	14.54
50	15.78
50.8	16.28
55	19.09
60	22.72

65	26.66
70	30.92
75	35.49
76.2	36.64
80	40.38
85	45.59
90	51.11
95	56.95
100	63.1
101.6	65.14
105	69.57
110	76.35
115	83.45
120	90.86
125	98.59
130	106.64
135	114.99
140	123.68
145	132.67
155	151.597
160	161.54
165	171.789
180	204.4
185	215.96
195	239.93
200	252.4
220	305.40
230	333.799
250	394.38
290	530.68
300	567.9



Hexagonal Bar	
GRADE: 316	
mm across the flat	kg/m
6	0.251
8	0.44
10	0.70
11	0.84
12	1.00
13	1.18
14	1.36
17	2.01
19	2.51
22	3.37
24	4.01
27	5.08
30	6.27
32	7.13
36	9.02
38	10.05
41	11.70
45	14.10
50	17.41
55	21.06
60	25.07
65	29.42

פחי אלומיניום מסוג 5052/ 6061

פחי נירוסטה 304/316 מסוג 2B/N4

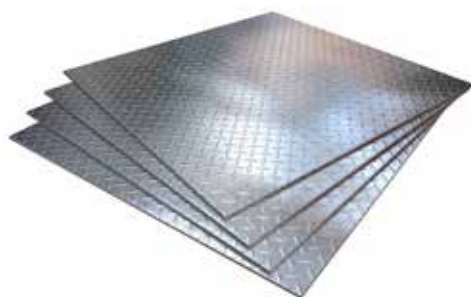


מגוון מידות:

עובי: 1.0/1.2/1.5/2.0/3.0/4.0 מ"מ

אורך x רוחב: 1000x2000/1250x2500/1500x3000 מ"מ

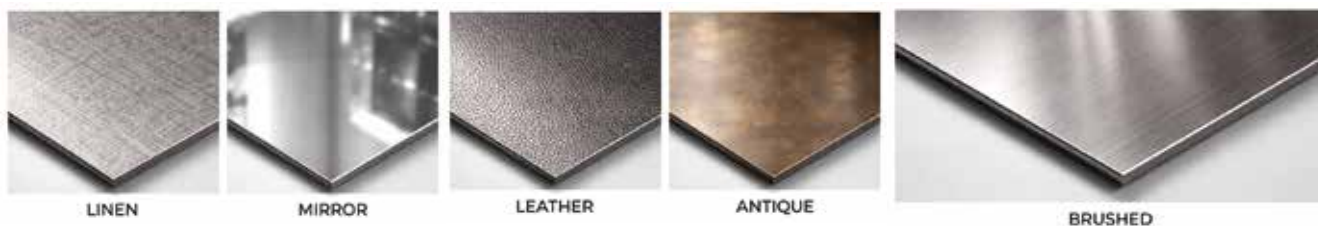
פח דריכה נירוסטה 304



עובי: 3,4 מ"מ מובלט/לא מובלט

אורך x רוחב: 1500x3000/1250x2500 מ"מ

פחים דקורטיביים ביבוא מיוחד, מגוון דגמים רחב



5WL



6WL



Linen

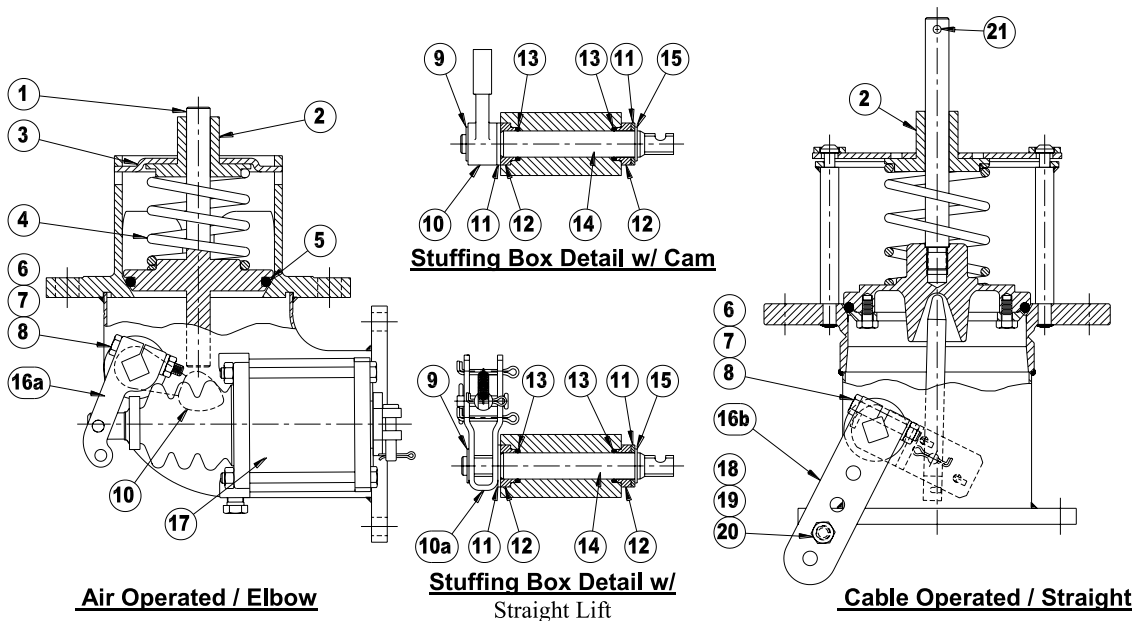


Gold Vibration

ברזי BETTS למכליות



**Prelim. Parts List for EV46110SSTS056 and EV46227SSTS056
3" and 4" Stainless Steel Emergency Valves, '056' Suffix**

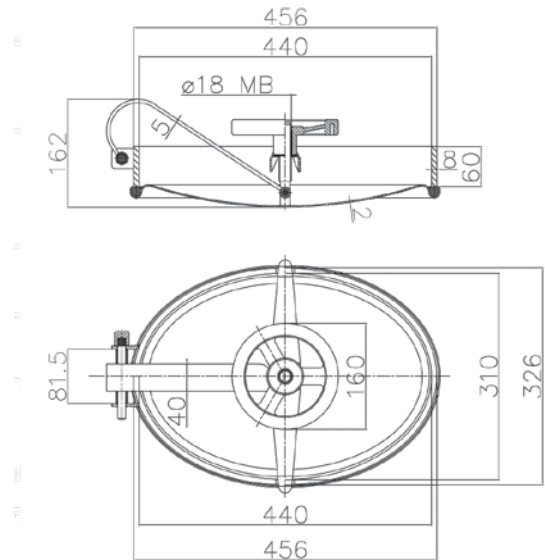


NO.	REQ.	DESCRIPTION	MATERIAL	PART NO.	
				3" VALVE	4" VALVE
1	1	Stem & O-Ring Holder	Stnls 316	18119SS	27986SS001
1a	1	O-Ring Retainer	Stnls 316	N.A.	27443SS
1b	4	Cap Screw 1/4-28 x 1/2	Stnls 316	N.A.	9Q4174
2	1	Shaft guide	Glass-filled PTFE	19180TR	19180TR
3	1	Bonnet	Stnls 316	17888SS	27017SS
4	1	Spring	Stnls 316	17884SS	18222SS
5	1	Seat O-Ring	Tef-Sil	17890TS	19033TS
6	1	Cap Screw 1/4-20UNC x 1-1/2"	Steel - Zinc Plt.	9Q5947	9Q5947
7	1	Lockwasher 1/4"	Steel - Zinc Plt.	9Q5845	9Q5844
8	1	Hex Nut 1/4-20UNC	Steel - Zinc Plt.	9Q5806	9Q5806
9	1	Cam Retaining Ring	Stnls 15-7 Ph	9Q4933	9Q4933
10	1	Cam	Stnls 316	15086SS056 W/ 9Q5979	15086SS056 W/ 9Q5979
10a	1	Straight Lift Assembly	Stnls 316	N.A.	N.A.
11	2	Washer	PTFE	15432TF	15432TF
12	2	Retaining Sleeve	Stnls 316	18467SS	18467SS
13	2	Cam Shaft O-Ring	Tef-Sil	17946TS	17946TS
14	1	Cam Shaft	Stnls 316	18469SS	18469SS
15	1	Spacer Sleeve Retaining Ring	Stnls 15-7 Ph	9Q4970	9Q4970
16a	1	Lever Arm - Air Cylinder	Steel - "E" Coated	18366EY	18366EY
16b	1	Lever Arm - Cable	Steel - "E" Coated	10587EY	10587EY
17	1	Air Cylinder	Aluminum / Nitrile	AC35005ALB	AC35005ALB
18	1	Bolt 5/16-18UNC x 1" lg.	Steel - Zinc Plt.	9Q5829	9Q5829
19	1	Lockwasher 5/16"	Steel - Zinc Plt.	9Q5847	9Q5847
20	1	Hex Nut 5/16-18UNC Thd.	Steel - Zinc Plt.	9Q5808	9Q5808
21*	1	Bail Pin 3/16 x 1" lg.	Stnls 420	9Q5901	9Q5901
22	1	Stuffing Box Boot	Neoprene	19937NE	19937NE
23	1	Cable Tie	Nylon	9W3384	9W3384

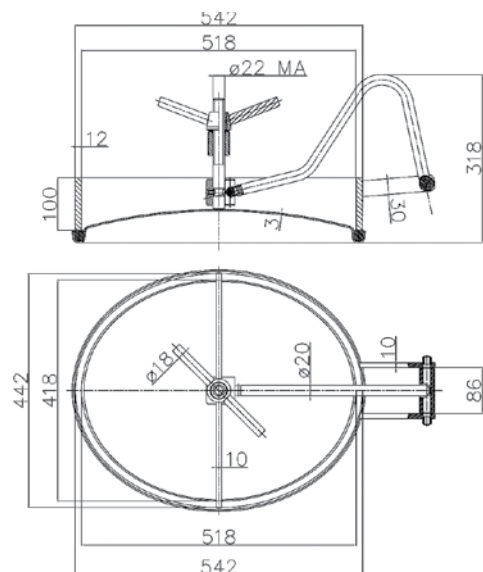


לקונקט מבחר מגוון של פתחי אדם מנירוסטה ואטמים בגדלים ובתצורות שונות עבור כל סוגי המיכלים מנירוסטה.
פתחי האדם מיובאים מחברות מהשורה הראשונה בתחום.
* במלאי סוגים נוספים

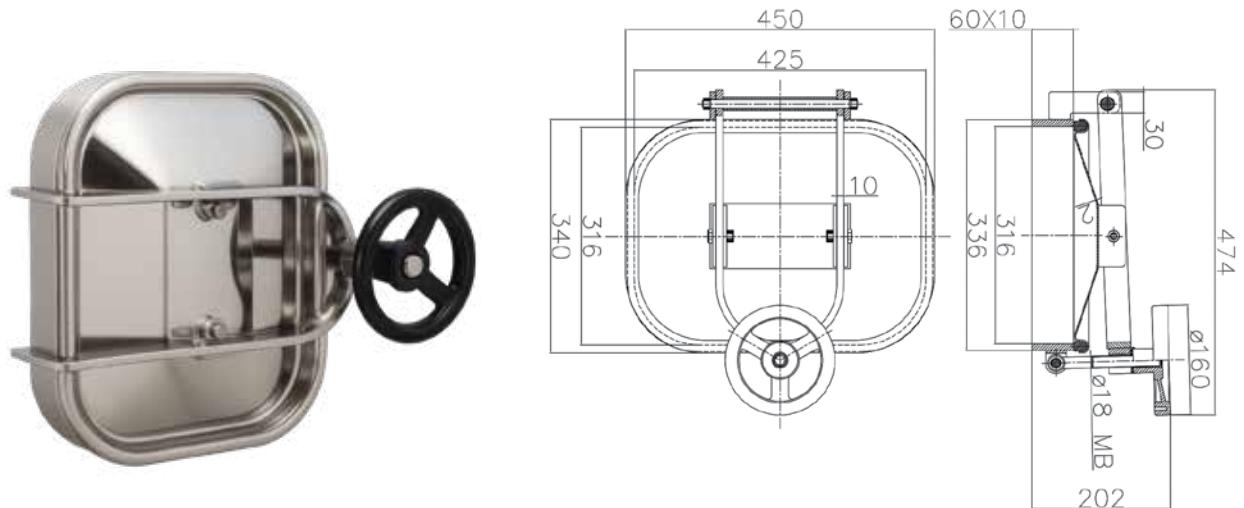
פתח אדם אובלי קטן - דגם A7



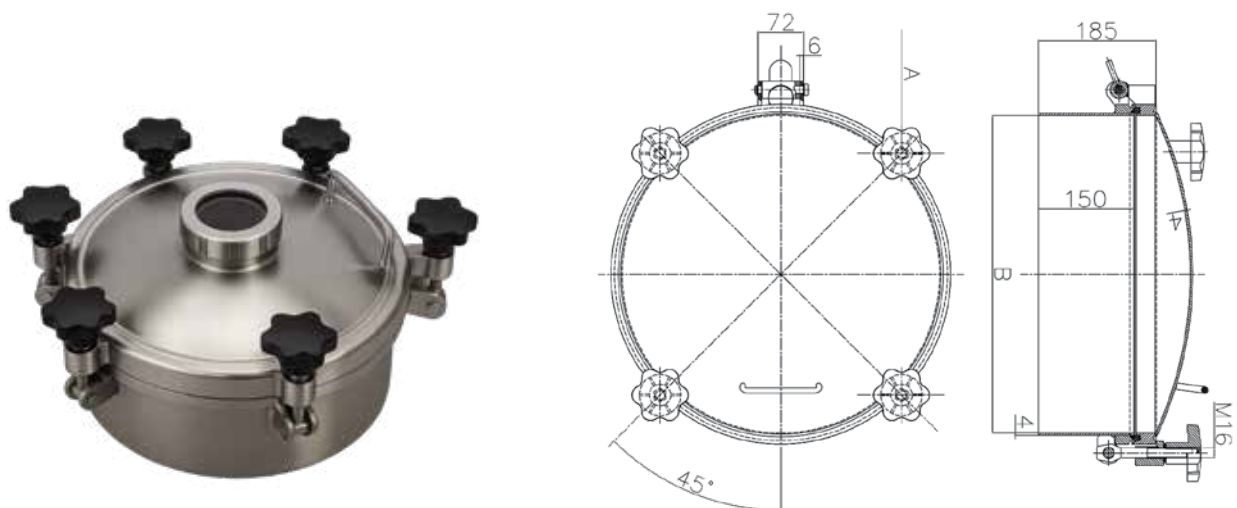
פתח אדם אובלי גדול - דגם A16



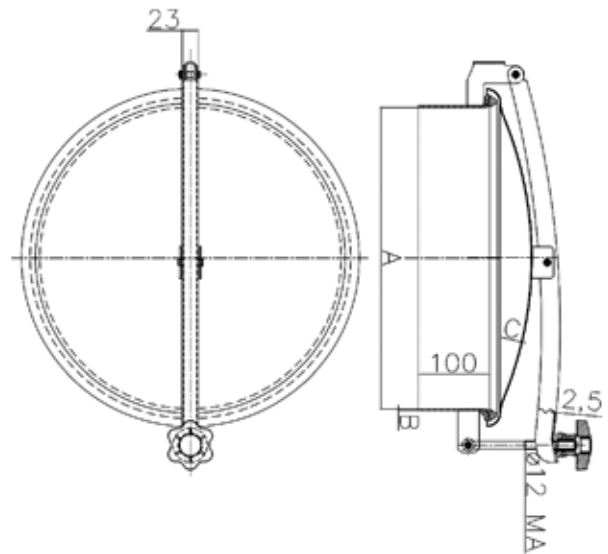
פתח אדם מלבני - דגם B5



פתח אדם עגול לחץ גבוה - דגם D3



פתח אדם עגול - דגם D22



אטמים לפתחי אדם (EPDM, NBR, SILICON)

לקונקט מבחר של אטמים

לפתחי אדם בגדלים

ובתצורות שונות

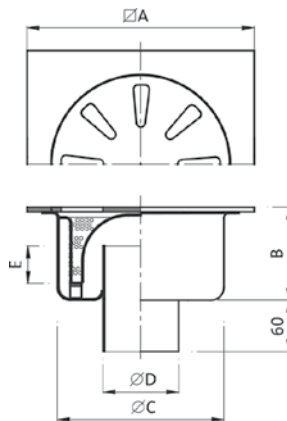


למגט קונקט התמחות בתחום מערכות ניקוז מנירוסטה לתעשייה, ויתרונה הוא במתן פתרונות מתקדמים, המותאמים על פי דרישת הלקוח. מערכות מסוג זה הותקנו במפעלי תרופות, מזון וכימיה מובילים בארץ.



P.005

GULLY 300X300
OUTLET Ø 101,6/110 mm



Features

Finish: **Sand-blast**

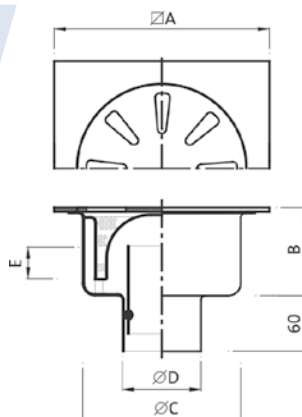
Also available: with or without basket, with cover fastened with a screw, and also with top plate of different thickness.

On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	Lt/min.
P 005	300	126	220	101,6 110	60	850	6500	140

P.007

REINFORCED GULLY 300X300
OUTLET Ø 101,6/110 mm



Features

Finish: **Sand-blast**

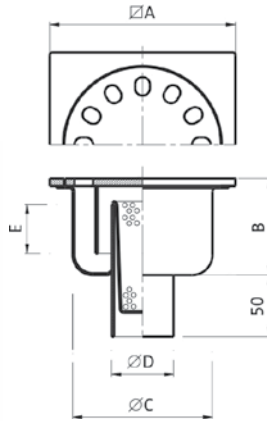
Also available: with or without basket, with cover fastened with a screw, and also with top plate of different thickness.

On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	Lt/min.
P007	300	145	220	101,6 110	60	1600	16400	130

P.024

GULLY 150X150
OUTLET Ø 50 mm



Features

Finish: Sand-blast

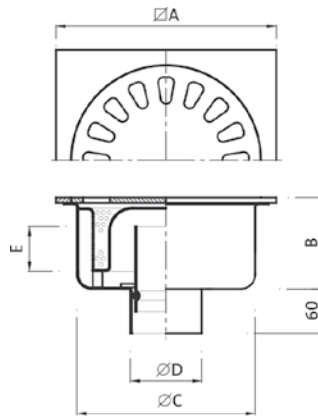
Also available with or without basket and with cover fastened with a screw.

On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P 024	150	80	110	50	35	1000	5000	38

P.025

GULLY 250x250
OUTLET Ø 76 mm
WITH REMOVABLE SIPHON



Features

Finish: Sand-blast

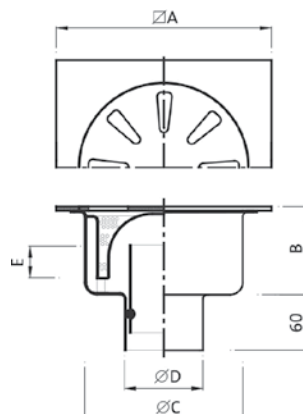
Also available: with or without basket, with cover fastened with a screw, and also with top plate of different thickness.

On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P 025	250	115	195	76	50	850	6500	46

P.026

GULLY 300X300
OUTLET Ø 110 mm
WITH REMOVABLE SIPHON



Features

Finish: Sand-blast

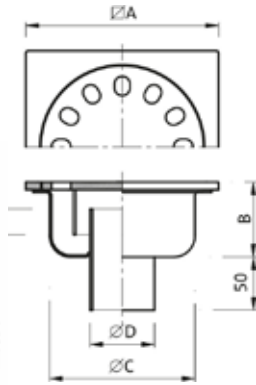
Also available: with or without basket, with cover fastened with a screw, and also with top plate of different thickness.

On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P.026	300	126	220	110	60	850	6500	130

P.028

GULLY 150x150
OUTLET Ø 50 mm



Features

Finish: Sand-blast

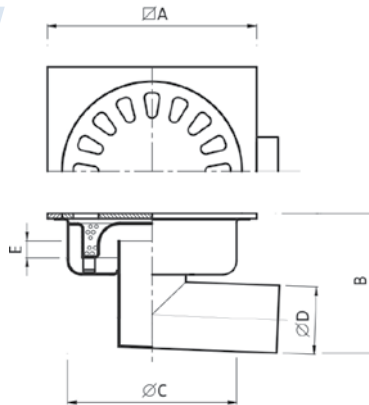
Also available with or without basket and with cover fastened with a screw.

On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P.028	150	55	110	50	20	1000	5000	38

P.30L/2

GULLY 250X250
OUTLET Ø 76/80 mm



Features

Finish: Sand-blast

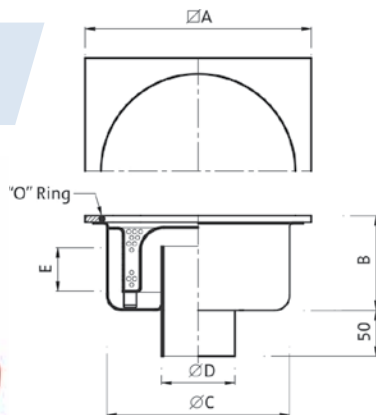
Also available with or without basket and with cover fastened with a screw.

On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P.030L	250	175	195	76	25	850	6500	80
P.016L	250	200	195	80	50	850	6500	80

P.064

GULLY 250x250
OUTLET Ø 76/80 mm



Features

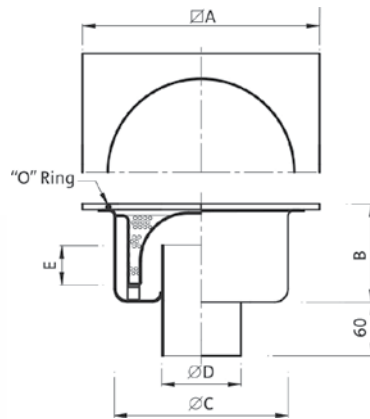
Finish: Sand-blast

Also available: with or without basket, lower and round version, with cover fastened with a screw. Sucker, accessory sell separately.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P.064	250	115	195	76	50	850	6500	80

P.065

GULLY 300x300
OUTLET Ø 101,6/110 mm



Features

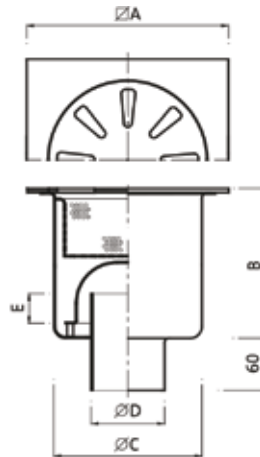
Finish: **Sand-blast**

Also available: with or without basket, lower and round version, with cover fastened with a screw.
Sucker, accessory sell separately.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P.065	300	126	220	110 101,6	60	850	6500	130

P.074

GULLY 300X300
WITH SEPARATED BASKET
OUTLET Ø 101,6/110 mm



Features

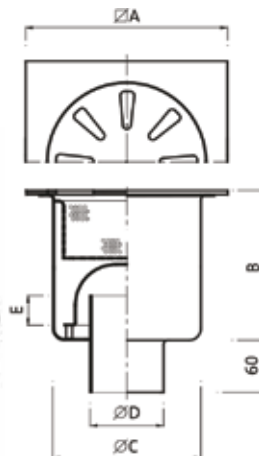
Finish: **Sand-blast**

Also available with top plate of different thickness.
On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P.074	300	220	220	101,6 110	60	850	6500	130

P.076

GULLY 300X300
WITH SEPARATED BASKET
OUTLET Ø 101,6/110 mm



Features

Finish: **Sand-blast**

Also available with top plate of different thickness.
On request round model.

Item.	Main Measurements (mm)					Capacity (Kg)		Outlet capacity Lt/min.
	∅A	B	∅C	∅D	E	Concentrated load	Distributed load	
P.076	350	250	290	154	60	600	4000	220

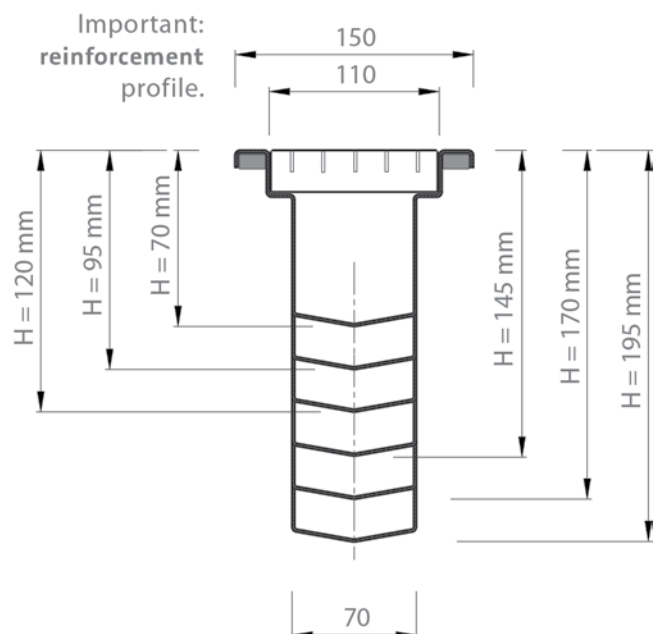
P.023

They represent an excellent solution where a channel with a high drainage capacity is called for together with the functionality of a grating cover enabling them to be inspected throughout.

Combined with 300 x 300 mm collection gullies, the same as the PC.001 slot channel systems, they are easily washed and inspected and the aspects of hygiene and cleanliness are provided for in compliance with Community regulations. Protection from sewerage discharge is ensured by an anti-smell siphon and by a removable filter basket.



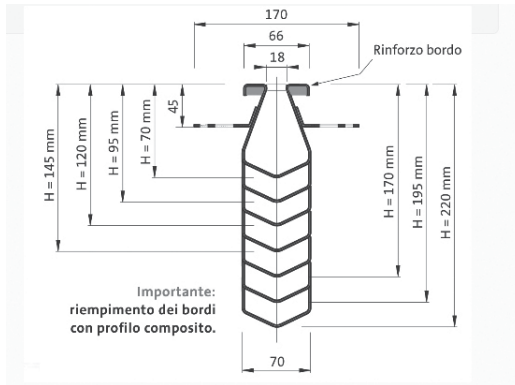
Main Features	
Channel width on the floor	150mm
Inside channel width	70mm
Thickness of material	2mm (3mm on request)
Drainage slope	0,4% (4mm per linear metre)
Minimum height	70mm
Maximum height	95mm (30 metres)
Max. transport length	4/6 mt.
Cramps for anchoring	every 330mm
Flanges with screws	every 4/6 m.



Section of the channel with a sequence of the variation of the slope up to 30.00 mt; the heights are with reference to module lengths of 6.00 mt.

NOTE: Work is regularly carried out with totally personalised lengths taking no account of standard modules.

PC.001



SLOT CHANNELS SYSTEMS PC.001 WITH LOWER GULLIES

Home Prodotti Channels Drainage system in stainless steel Stainless steel slot channels systems
Slot channels systems PC.001 with LOWER GULLIES

Features

The "Leoni" slot channels is the ideal solution for the drainage of industrial flooring of all types.

Manufactured entirely of AISI 304 stainless steel (or AISI 316 on request), combined with 300x300mm collection gullies they are easily washed and inspected and the aspects of hygiene and cleanliness are provided for in compliance with Community regulations.

Protection from sewerage discharge is ensured by an anti-smell siphon and by a removable filter basket.

Their structure, thanks also to the special cramps for anchoring in concrete make the channel especially tough in situations with high levels of flow-rate.

The construction of these systems is carried out completely in accordance with the requirements of the customer with one of our support technicians; in fact every quotation will be provided with its associated drawing showing the principal technical characteristics.

In the event that the supply is for large quantities the various modules can be supplied in lengths of 5,00 m.

For small supplies, to optimise the transport operations, the various pieces can be assembled into maximum lengths of 4,00 meters.

The assembly of the various gullies and the channels is provided for by means of flanges with silicon seals that are secured with bolts to ensure that they remain water-tight. Mounting kit is supplied directly from us.

NOT STANDARD GRATING COVERS FOR CHANNELS

Slotted panel in heavy duty sheet steel

Features

Slotted panel in heavy duty sheet steel, particularly used for channel PC.023 and PC.024



Grating panel with anti-slip grooves

Features

For all models.



Flat bar panel

Features

Excellent suitability for vehicles for all models



Panel in textured heavy duty sheet metal

Features Panel in textured heavy duty sheet metal with slots and reinforcements in heel-proof plate.

Good suitability for vehicles for all models



Panel in perforated sheet metal

Features Panel in perforated sheet metal normally used with channel PC.023

Not suitable for vehicles



Heavy duty plate panel

Features

Heavy duty plate panel with square section bar reinforcements, particularly used for channels PC.023 and PC.024.

Excellent suitability for vehicles.



סליל חוט ריתוך MIG

עובי 1.2 מ"מ

AISI 316

אריזות של 12.5 ק"ג



מוטות ריתוך TIG

עובי 1.2, 1.6, 2.0, 2.4 מ"מ

AISI316

אריזות של 5 ק"ג



**זקוקים לאביזר מרותך לא סטנדרטי?
אנו מייצרים אביזרים על פי דרישה ספציפית.
שאל אותנו.**



P-301 - פסיבציה ללא צריבה

P-301

שימושים

P-301 משמש כחומר פסיבציה מתקדם ואקולוגי המיועד לצנרת, רכעבעם ומיכלי נירוסטה בתעשיות המזון, הפארמה, הכימיה והתשתיות. הפורמולציה פועלת לבנייה מחדש של שכבת הכרום האוקסידי הפסיבית ומניעת קורוזיה, ללא צריבה וללא פגיעה בטקסטורת המתכת או בערכי חספוס פני השטח.

הרכב כימי

1. ציטריק אסיד (CAS 77-92-9) בריכוז 15-35%.
2. מזרזי פעילות.
3. מסמיכים.

הוראות בטיחות ואיחסון:

ציוד מגן - יש לעבוד במקום מאוורר היטב עם משקפי מגן, כפפות, ביגוד ונעלי מגן. מנע מגע במהלך השימוש. סיכונים - עלול לגרום גירוי בעור ובעיניים, ובבליעה לשלשול ולהקאות. אדים או תרסיס עלולים לפגוע במערכת הנשימה. החומר אינו דליק.

עזרה ראשונה - במקרה של מגע או שאיפה, יש לשטוף היטב במים, להוציא לאויר צח ולפנות לבדיקה רפואית. בבליעה - להשקות בהרבה מים ולפנות מיידית לטיפול רפואי. במקרה של שפך יש לספוג בחול. איכות הסביבה וסילוק - שפך עלול להזיק למי תהום, לבעלי חיים וליצורים ימיים. סילוק החומר יבוצע בהתאם לתקנות הגנת הסביבה באמצעות קבלנים מורשים בלבד. אחסון - לשמור במקום מוצל ומאוורר, באריזה סגורה ובסימון ברור.

תמיסה מימית ללא סיכון בהובלה (אינו מסווג כחומר מסוכן לשינוע)
משפטי בטיחות S SAFTY: 235 - המנע משאיפה, S24 - מנע מגע עם העור, S26 - בבליעה שלח לטיפול רפואי.

זהירות - לא למאכל



פלי-ג'לי לטיפול בפלב"ם אחרי ריתוך

פלי ג'ל PELI – GEL



פלי ג'ל היינו חומר המיועד לטיפול בפלב"ם לאחר ריתוך.

החומר מסיר תחמוצות שחורות, חלודה, ומסייע במניעת קורוזיה (פסיבציה).
החומר משאיר את פני השטח של המוצר בגוון מט.
מתאים לנתכים 304, 316, PH 15-5, PH 17-4, אינו מתאים לנתך 303.
מתאים לתקן אמריקאי ASTM-A380.
הכנה לתקנים AMS-PS2700, ASTM-QQ-P-35C, ASTM-A967.

הרכב כימי

1. חומצה חנקתית.
2. מלחי חומצה פלואורית.
3. דטרגנטים נוניוניים עמידים בחומצות.
4. תוספי הסמכה.

הוראות שימוש:

1. יש לנער היטב את החומר שבאריזה לפני השימוש.
2. חשוב מאוד לנקות את החלקים המטופלים מלכלוך בעיקר משמנים וגריז (מומלץ להשתמש במוצרים כגון מסירי שומן).
3. מריחה בעזרת מכחול או מברשת שכבת פלי ג'ל על ריתוך.
4. משך שהייה 15-45 דקות על פי סוג הריתוך, חומר הגלם ומצב פני השטח, רצוי לא פחות מ-10 דקות.
5. שטיפה במים תוך כדי הברשה במברשת פלסטית.
6. במידה והתוצאה אינה משביעה רצון ניתן לחזור על התהליך.
7. ייבוש בעזרת אוויר דחוס ו/או במטלית או נייר נקיים.
8. יש לשטוף את המכחול או המברשת לאחר השימוש.

הערות שימוש חשובה:

1. אסור להוסיף לפלי ג'ל מים או כל חומר לדילול.
2. אסור למרוח פלי ג'ל על מתכת חמה מיד לאחר הריתוך.
3. רצוי לא למרוח את פלי ג'ל על שטח חשוף לקרינת שמש חזקה, מחשש לפעילות מהירה של החומר.
4. אחסון במקום קריר ומוצל. אין לחשוף את המוצר לקרני השמש.

הוראות בטיחות:

1. יש לעבוד עם כפפות פלסטיק או גומי, ביגוד מגן ומשקפי מגן.
2. יש לעבוד בסביבת עבודה מאווררת.
3. במידה והנוזל ניתז על הגוף - יש לשטוף מיד בהרבה מים זורמים ולפנות לטיפול רפואי במידת הצורך.
4. במידה ויש פגיעה בעיניים יש לשטוף מיד כ-5 דקות רצוף במי ברז ולפנות לטיפול רפואי.

זהירות חומצות חזקות

פלידול - לניקוי והברקת משטחי נירוסטה

פלידול PELIDOL

שימושים

פלידול משמש לניקוי והברקת משטחי נירוסטה מכתמי שמן, אבנית ולכלוכים שונים.

הרכב כימי

נוזל הפלידול מורכב מריכוזים מיוחדים של החומרים הבאים:

1. חומצה פוספורית ופוספטים שונים.
2. דטרגנטים אורגניים.
3. אמולגטורים אורגניים.
4. תוספות של חומרים מייצבים ואינהיביטורים.

הוראות שימוש:

להבריש, לרסס או למרוח את הנוזל על פני השטח, להשהות 30 דקות.
לשטוף בזרם מים קרים או חמים.

הוראות בטיחות:

פלידול הינו חומר שמתאים לניקיון מוצרי פל"ם לתעשיית המזון בתנאי שבוצעה שטיפה יסודית לאחר שימוש בפלידול.
פלידול הינו נוזל חומצי. יש לעבוד עם משקפי מגן וכפפות גומי.
במקרה של פגיעה בעיניים או בעור יש לשטוף במים זורמים למשך 10 דקות.

מספר או"מ: 1805, קוד חרום (R2) קבוצת סיכון: 8

זהירות חומצה - לא למאכל



נוזל להסרת חלודה מנירוסטה P-101

נוזל להסרת חלודה מנירוסטה ואלומיניום

P-101 הינו נוזל המיועד לניקוי והסרת כתמי חלודה, אבנית ולכלוכים ממשטחי נירוסטה ואלומיניום. מתאים לניקיון למוצרי פלב"ם ואלומיניום בתעשיית המזון.



הרכב החומר:

1. חומצה זרחתית
2. חומצה פלואורית.
3. ממיסים אורגנים.
4. דטרגנטים נוניוניים.

הוראות שימוש:

1. לנקות את החלקים המטופלים משמנים וגריז (מומלץ להשתמש במסיר שומן G-207 של פלימת)
2. הנוזל מוכן לשימוש. **אין למהול את הנוזל !!!**
3. למרוח, לטבול או לרסס על פני השטח עם P-101.
4. להשהות למשך 5-30 דקות על פי סוג המוצר ומצב פני השטח.
5. שטיפה במי רשת או במים מטופלים עד הגעה ל-PH=7 (ניטרלי).
6. ייבוש בעזרת אוויר דחוס ו/או ניגוב במטלת או נייר נקיים.

הוראות בטיחות:

1. יש לעבוד עם כפפות פלסטיק, ביגוד מגן ומשקפי מגן.
2. יש לעבוד בסביבת עבודה מאווררת.
3. במידה והנוזל ניתז על הגוף - יש לשטוף מיד בהרבה מים זורמים ולפנות לטיפול רפואי במידת הצורך.
4. במידה ויש פגיעה בעיניים, יש לשטוף מיד כ-5 דקות רצוף במי ברז זורמים ולפנות לטיפול רפואי.

זהירות, חומצות חזקות !!!

נוזל למכונת פסיבציה P-501

שימושים

ניקוי והברקת ריתוכי נירוסטה במכשיר ניקוי

הרכב כימי

30-50	7664-38-2	חומצה זרחתית
0-3	26027-38-3	NP-9
0-3		מעכבים
0-3		אינהיביטורים
השלמה ל-100		מים

הוראות שימוש:

השתמש בצידוד מגן כגון כפפות, משקפי מגן, נעלי בטיחות. ספוג כחול. עבודה במקום מאוורר היטב. במקרה של שפך יש להשתמש במיגון אישי של משקפי שמש, כפפות, בביגוד ובנעלי מגן.

הוראות בטיחות:

לא ידועות תופעות לוואי בשימוש רגיל
עלול לגרום גירוי בעור ובעיניים, ובבליעה לשלשול והקאות
החומר יציב ואינו מתפלמר. אסור במגע עם חומרים מחמצנים ועם חומצות חזקות.

זהירות חומצה - לא למאכל



לניקוי תחמוצות ושאריות ריתוך P-250

נוזל המיועד לטיפול בפלג"ם לאחר סיום עבודות שונות כגון עיבוד שבבי, טיפול תרמי, ליטוש מכני או ריתוך. החומר מסיר תחמוצות שחורות (אוקסידים), אבנית, חלודה ומסייע במניעת קורוזיה. החומר משאיר את פני השטח של המוצר בגוון מט. ניתן ליישום בטבילה או בהברשה והשהיה על המוצר.



מתאים לנתכים 304, 316, PH 17-4, PH 15-5 אינו מתאים לנתך 303.

מתאים לתקן אמריקאי ASTM-A 380

כהכנה לתקנים ASTM-A967, ASTM-QQ-35C, AMS-PS2700.

הרכב כימי

P-250 הינו תמיסה מימית הכוללת:

1. חומצה חנקתית מהולה
2. מלחי חומצה פלואורית.
3. דטרגנטים נוניוניים עמידים בחומצות.

הוראות שימוש:

1. חשוב מאוד לנקות את החלקים המטופלים מכלכלוך בעיקר משמנים וגריז.
2. הנוזל מוכן לשימוש - אין למהול את הנוזל !!!
3. טמפרטורת עבודה 20-35 C.
4. משך הטבילה 5-60 דקות על פי סוג המוצר ומצב פני השטח.
5. שטיפה במי רשת או במים מטופלים עד הגעה ל-PH=7 (ניטרלי).
6. יבוש בעזרת אוויר דחוס ו/או ניגוב במטלית או נייר קיים.

הוראות לאורך זמן באמבט:

1. את נפח התמיסה באמבט שיוורד בעקבות הנגר יש להשלים בתמיסה טריה.
2. כאשר הפעילות על פני שטח המוצר לא מספקת בזמני הטיפול הרגילים, יש להאריך את זמן הטיפול.
3. בעבודה בטמפרטורה נמוכה יש להאריך את זמן הטבילה.
3. במידה ותוספת הזמן אינה מביאה לתוצאה הרצויה, יש להחליף את כל תכולת האמבט בתמיסה טריה.

הוראות בטיחות:

1. יש לעבוד עם כפפות פלסטיק, ביגוד מגן ומשקפי מגן.
2. יש לעבוד בסביבת עבודה מאווררת.
3. במידה והנוזל ניתז על הגוף - יש לשטוף מיד בהרבה מים זורמים ולפנות לטיפול רפואי במידת הצורך.
4. במידה ויש פגיעה בעיניים יש לשטוף מיד כ-5 דקות רצוף במי ברז ולפנות לטיפול רפואי.



זהירות חומצות חזקות

ספריי לניקוי והברקה של נירוסטה P-80



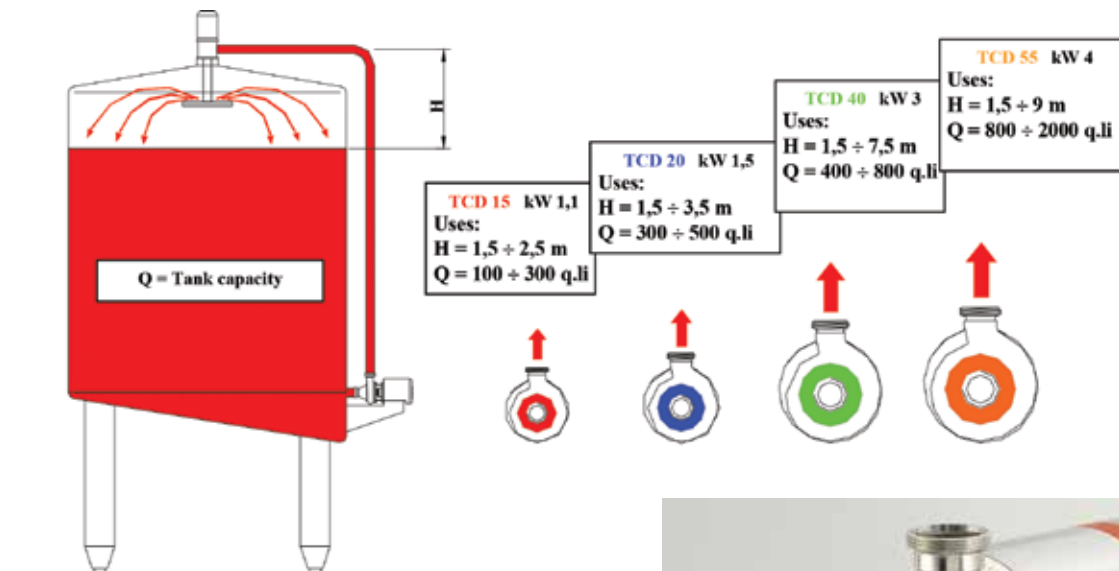
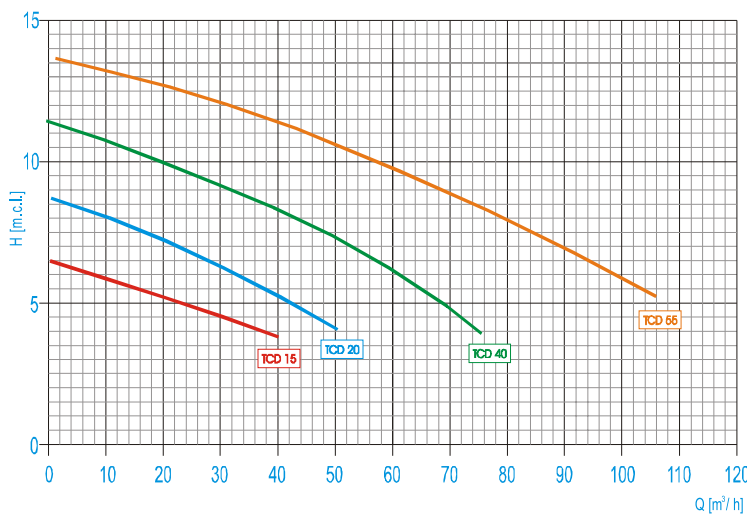
מברשת ניקוי אלקטרופוליש לפסיבציה עם הברגה M6

משאבות סניטריות מאיטליה בעלות אימפלר בורגי

משאבות צנטרפוגליות דגם TCD תוצרת PROCIBUS TECNOLOGIE S.R.L

חשיבות סחרור היין בשלבי התסיסה הינה קריטית ביותר. השפעה שלילית של סחרור היין באמצעות משאבות צנטרפוגליות מכל סוג שהוא הנו ברור וידוע. כך המקרה גם במשאבות בעלות אימפלר גומי אשר הן בעלות מהירות סיבוב גבוהה.

משאבות סחרור היין מחב' Tecnicapompe דגם TCD הן היחידות בעלות אימפלר נירוסטה בורגי המבטיח סחרור היין בסל"ד נמוך ובצורה בורגית דבר המאפשר מעבר קליפות, ענבים וגרעינים מבלי לגרום ל"שבר" או "טחינה" של החומר המועבר. דגם זה משווק היום בהצלחה רבה בכל העולם וגם בישראל במספר רב של יקבים.







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מגט קונקט בע"מ

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