

Иглы для промышленных машин

Техническое описание

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
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Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
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Industrial needles Alx1

Dimensions

A: 0.57-1.12mm
D: 22.00mm
N: 9.50mm

Needle strength

O: 7 8 965 10 11 12 14 16,100 6 18,110 5
G: 55 60 70 75 80 90 50 45

note

Normal round point

Parallel systems

292A
292SP

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles ARx332LG

Dimensions

A: 1.98mm
D: 48.50mm
N: 18.00mm

Needle strength

O: 16,100 18,110 19,120 21,130 22,140 23,160
G:

note

Normal round point

Parallel systems

332LG
SY7600

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles ARx332LLG

Dimensions

A: 1.98mm
D: 48.50mm
N: 18.00mm

Needle strength

O: 21,130 22,140 23,160 24,180
G:

note

Twist point

Parallel systems

332LLL
SY7601

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles BBx155

Dimensions

A: 2.00mm
D: 33.70mm
N: 10.00mm

Needle strength

O: 12 14 16,100 18,110 19,120 21,130
G: 80 90

note

Normal round point

Parallel systems

B-155
SY6750

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles BKx705KH

Dimensions

A: 1.95 mm
D: 33.90 mm
N: 14.50 mm

Needle strength

O: 860 965 10 11 12 14 16,100 18,110 19,120 21,130 22,140
G: 70 75 80 90

note

Normal round point

Parallel systems

705KH
SY6710

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles BQx3

Dimensions

A: 1.62mm
D: 37.30mm
N: 14.50mm

Needle strength

O: 12 14 16,100 18,110 19,120 21,130 20,125
G: 80 90

note

Normal round point

Parallel systems

108X3
SY3049

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles BSx1955

Dimensions

A: 2.00 mm
D: 33.80 mm
N: 12.50 ≤ No.120
11.50 ≥ No.125 mm

Needle strength

O: 965 10 11 12 14 16,100 18,110 19,120 21,130 20,125 22,140
70 75 80 90

G:

note

Normal round point

Parallel systems

135X65
SY1955

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles CPx1

Dimensions

A: 2.02mm
D: 34.50mm
N: 18.00mm

Needle strength

O: 14 16,100 18,110 19,120 21,130 22,140
G: 90

note

Normal round point

Parallel systems

150

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles CPx660

Dimensions

A: 2.00mm
D: 37.00mm
N: 11.50mm

Needle strength

O: 12 14 16,100 18,110 19,120 21,130 22,140 23,160 25,200
80 90

G:

note

Left eccentric round point

Parallel systems

660

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles CYx1

Dimensions

A: 2.50-2.02mm
D: 52.60-52.20mm
N: 22.00-17.50mm

Needle strength

O: 16,100 18,110 19,120 21,130 20,125 22,140 23,160
24,180 25,200 26,230 27,250 28,280

G:

note

Normal round point

Parallel systems

216X1
SY5011

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles CYx7

Dimensions

A: 3.52mm
D: 52.20mm
N: 16.50mm

Needle strength

O: 19,120 22,140 23,160 24,180 25,200
26,230 27,250 28,280 29,300

G:

note

Normal round point

Parallel systems

216X7
SY5021

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DBx1ST

Dimensions

A: 2.02mm
D: 33.80mm
N: 12.50-11.50mm

Needle strength

O: 20,125 22,140
G:

note

Light ball point

Parallel systems

16X231
16X257
1738
DBX1
DBX257
SY2254
SY2270

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DBx3ST

Dimensions

A: 2.02mm
D: 33.80mm
N: 10.00mm

Needle strength

O: 11 14 16,100 18,110 20,125 22,140
G: 75 90

note

Light ball point

Parallel systems

16X231
16X257
1738
DBX1
DBX1738
DBX257
DBXK5
SY2254
SY2270

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DBx9ST

Dimensions

A: 1.62mm
D: 33.80mm
N: 16.00mm

Needle strength

O: 965 11 14 16,100 18,110
G: 75 90

note

Light ball point

Parallel systems

16X231
16X257
1738
DBX1
DBX1738
DBX257
DBXK5
SY2254
SY2270

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DBx95

Dimensions

A: 1.62 mm
D: 33.80 mm
N: 13.50 mm

Needle strength

O: 8 9 10 11 12 13 14 16 18 19 21 20 22 23 17
G: 60 65 70 75 80 85 90 100 110 120 130 125 140 160 105

note

Normal round point

Parallel systems

16X95
1738A
287WH
SY1515

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DBx130B

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 13.50 mm

Needle strength

O: 10 11 12 14 16 18 19
G: 70 75 80 90 100 110 120

note

Normal round point

Parallel systems

130B

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DBx287WKH

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 16.00 mm

Needle strength

O: 8 9 10 11 12 13 14 16 6 18 19 21
G: 60 65 70 75 80 85 90 100 50 110 120 130

note

Normal round point

Parallel systems

287WK
287WKH
SY6633
SY6634

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DBxF2

Dimensions

A: 1.62 <= No.110
1.90 No.120
2.02 >= No.125 mm
D: 33.80 mm
N: 16.00-10.50 mm

Needle strength

O: 9 11 12 14 16 18 19 21 20 22 23 24 25
G: 65 75 80 90 100 110 120 130 125 140 160 180 200

note

Reverse twist point

Parallel systems

16X230NRT
W
1738ALR
1738LR

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DHx1

Dimensions

A: 2.02 mm
D: 28.20 mm
N: 13.50 <= No.60
11.50 >= No.65 mm

Needle strength

O: 7 8 9 10 11 12 14 16 18 19 21 22
G: 55 60 65 70 75 80 90 100 110 120 130 140

note

Normal round point

Parallel systems

24X1

SY1111

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles Dlx4

Dimensions

A: 1.98 mm
D: 39.20 <= No.160
38.60 >= No.180 mm
N: 13.00 mm

Needle strength

O: 14 16 18 19 21 20 22 23 24 25
G: 90 100 110 120 130 125 140 160 180 200

note

Twist point

Parallel systems

29X4NTW
332LL
SY3750

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles Dlx4LR

Dimensions

A: 1.98 mm
D: 39.20 mm
N: 13.00 mm

Needle strength

O: 12 14 16 18 19 21 22 23
G: 80 90 100 110 120 130 140 160

note

Reverse twist point

Parallel systems

29X4RTW
332LR
SY3757

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DLx1

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 16.00 <= No.110
13.50 >= No.120 mm

Needle strength

O: 10 11 12 13 14 16 18 19 21 20 22 23 24
G: 70 75 80 85 90 100 110 120 130 125 140 160 180

note

Normal round point

Parallel systems

71X1
SY1526

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DMx1

Dimensions

A: 2.02 mm
D: 28.60 mm
N: 10.00 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 6 18 19 21 20 22
G: 55 60 65 70 75 80 85 90 100 50 110 120 130 125 140

note

Normal round point

Parallel systems

82X1
SY1241

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DMx13

Dimensions

A: 2.02 mm
D: 28.60 mm
N: 8.00 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 18 19 21 20 22
G: 55 60 65 70 75 80 85 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

1886KK
82X13
SY1246

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DCx1

Dimensions

A: 2.02 mm
D: 28.60 mm
N: 10.00 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 6 18 19 21 20 22 23 24 25
G: 55 60 65 70 75 80 85 90 100 50 110 120 130 125 140 160 180 200

note

Normal round point

Parallel systems

621
81X1
DCXN17
MY1023A
SY1225

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DCx5

Dimensions

A: 2.02 mm
D: 28.60 mm
N: 10.00 <= No.120
10.50 >= No.125 mm

Needle strength

O: 14 16 18 19 21 20 22 23
G: 90 100 110 120 130 125 140 160

note

Normal round point

Parallel systems

81X5
SY1230

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DCx1072

Dimensions

A: 2.02 mm
D: 28.60 mm
N: 10.00 mm

Needle strength

O: 8 10 12 14 16 18 19
G: 60 70 80 90 100 110 120

note

Normal round point

Parallel systems

1886DC
621D
MY1072
SY6175

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DDx328A

Dimensions

A: 2.30 mm
D: 52.20 mm
N: 20.00 mm

Needle strength

O: 25
G: 200

note

Normal round point

Parallel systems

328A

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DFx3

Dimensions

A: 1.75 mm
D: 33.85 mm
N: 13.00 mm

Needle strength

O: 9 10 11 12 14 16
G: 65 70 75 80 90 100

note

Normal round point

Parallel systems

1232F
130X3
727F
SY1794

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DMx1

Dimensions

A: 2.02 mm
D: 28.60 mm
N: 10.00 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 6 18 19 21 20 22
G: 55 60 65 70 75 80 85 90 100 50 110 120 130 125 140

note

Normal round point

Parallel systems

82X1
SY1241

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DMx13

Dimensions

A: 2.02 mm
D: 28.60 mm
N: 8.00 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 18 19 21 20 22
G: 55 60 65 70 75 80 85 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

1886KK
82X13
SY1246

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx1

Dimensions

A: 2.00 mm
D: 31.90 mm
N: 12.50 <= No.120
11.50 >= No.125 mm

Needle strength

O: 8 9 10 11 12 13 14 16 18 19 21 20 22 23 24 25
G: 60 65 70 75 80 85 90 100 110 120 130 125 140 160 180 200

note

Normal round point

Parallel systems

135X1
354
SY1451

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx16

Dimensions

A: 2.00 mm
D: 39.00 mm
N: 14.00 mm

Needle strength

O: 12 14 16 18 19 21 20 22 23 24 25
G: 80 90 100 110 120 130 125 140 160 180 200

note

Wedge point

Parallel systems

135X16NW
SY3371
SY3381

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx16N

Dimensions

A: 2.00 mm
D: 39.00 mm
N: 13.00 mm

Needle strength

O: 21 20 22 23
G: 130 125 140 160

note

Twist point

Parallel systems

135X16NTW
135X16TW
SY3370

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx25

Dimensions

A: 2.00 mm
D: 33.80 mm
N: 12.50 <= No.100
11.50 >= No.110 mm

Needle strength

O: 10 12 14 16 18 19 21
G: 70 80 90 100 110 120 130

note

Normal round point

Parallel systems

135X25

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx35CL

Dimensions

A: 2.00 mm
D: 38.20 mm
N: 13.50 mm

Needle strength

O: 12 14 16 18 19 21 22 23
G: 80 90 100 110 120 130 140 160

note

Normal round point

Parallel systems

134-35CL
2134-35CL

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx35K

Dimensions

A: 2.00 mm
D: 38.15 mm
N: 13.50 mm

Needle strength

O: 12 14 16 18 19 21
G: 80 90 100 110 120 130

note

Normal round pointt

Parallel systems

134-35K
2134-35K
SY7226

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx35P

Dimensions

A: 2.00 mm
D: 38.20 mm
N: 13.50 mm

Needle strength

O: 12 14 16
G: 80 90 100

note

Wedge point

Parallel systems

134-35P
2134-35P
SY7234

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx35R

Dimensions

A: 2.00 mm
D: 38.20 mm
N: 13.50 mm

Needle strength

O: 10 12 13 14 16 18 19 21 20 22 23 24
G: 70 80 85 90 100 110 120 130 125 140 160 180

note

Normal round point

Parallel systems

134-35(R)
2134-35(R)
SY7225

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx35VR

Dimensions

A: 2.00 mm
D: 38.20 mm
N: 13.50 mm

Needle strength

O: 12 16 18 19
G: 80 100 110 120

note

Reverse twist spear point

Parallel systems

134-35VR
2134-35VR
SY7229

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx7

Dimensions

A: 2.00 mm
D: 34.00 mm
N: 11.00 mm

Needle strength

O: 9 10 11 12 14 16 18 19 21 20 22 23 24
G: 65 70 75 80 90 100 110 120 130 125 140 160 180

note

Normal round point

Parallel systems

134(R)	DPX134
134KK	DPX5
135X11	PFX134KK
135X5	SY1901
135X7	SY1903
797	SY1905
797KK	SY6759
B-134	SY6790

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx8

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 12.50 <= No.90
11.50 >= No.100 mm

Needle strength

O: 10 12 14 16 18 19 21 20 22 23
G: 70 80 90 100 110 120 130 125 140 160

note

Diamond point

Parallel systems

134DIA
134KKDIA
135X8DIA
PFX134KK
DIA
SY1989

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx265

Dimensions

A: 2.00 mm
D: 34.00 mm
N: 13.50 mm

Needle strength

O: 10 11 12 14 16 18
G: 70 75 80 90 100 110

note

Heavy ball point

Parallel systems

265-50EO
438-80EO
SY8703

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx438

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 13.50 mm

Needle strength

O: 10 12 14 16 18 19
G: 70 80 90 100 110 120

note

Normal round point

Parallel systems

265
438
SY8122

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx438KK

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 11.50 mm

Needle strength

O: 12 14 16 18 19
G: 80 90 100 110 120

note

Normal round point

Parallel systems

265KK
438KK
SY8763

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPx438LL

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 13.50 mm

Needle strength

O: 14 16 18 19
G: 90 100 110 120

note

Twist point

Parallel systems

438LL

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DPxF22

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 12.50 <= No.120
11.50 >= No.125 mm

Needle strength

O: 9 10 11 12 14 16 18 19 21 20 22 23
G: 65 70 75 80 90 100 110 120 130 125 140 160

note

Cross point

Parallel systems

134KKS
797KKS
SY6758

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DRx2

Dimensions

A: 3.95 mm
D: 53.45 mm
N: 16.00 mm

Needle strength

O: 23 24 25 26 27 28 29 31 30
G: 160 180 200 230 250 280 300 350 330

note

Square point

Parallel systems

124X2
SY5060

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DRx4

Dimensions

A: 3.95 mm
D: 53.40 mm
N: 16.50 ≤ No.380
16.00 mm

Needle strength

O: 28 29 30 32 34 36
G: 280 300 330 380

note

Square point

Parallel systems

124X4
SY5068
UOX1970
UY1970GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DUx1

Dimensions

A: 1.90 mm
D: 48.45 mm
N: 17.50 mm

Needle strength

O: 7 8 6 2 3 4 5 1
G: 55 60 50 35 40 45

note

Normal round point

Parallel systems

175
88
SY7604

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DUx2

Dimensions

A: 1.90 mm
D: 48.45 mm
N: 17.50 mm

Needle strength

O: 7 8 6 2 3 4 5 1
G: 55 60 50 35 40 45

note

Twist point

Parallel systems

88LL

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DUx2LR

Dimensions

A: 1.90 mm
D: 48.45 mm
N: 17.50 mm

Needle strength

O: 7 8 9 6 2 3 4 5 1
G: 55 60 65 50 35 40 45

note

Reverse twist point

Parallel systems

175LR
88LR
SY7607

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles EBx3

Dimensions

A: 2.00 mm
D: 56.00 mm
N: 21.00 mm

Needle strength

O: 16 18 19 21
G: 100 110 120 130

note

Normal round point

Parallel systems

2331FLG
SY8745

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles EBx750

Dimensions

A: 1.62 mm
D: 33.20 mm
N: 12.50 mm

Needle strength

O: 9 10 11 12 14 16 18 19
G: 65 70 75 80 90 100 110 120

note

Normal round point

Parallel systems

750(SC)
SY6482

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles EBx1567

Dimensions

A: 1.38 mm
D: 33.50 mm
N: 16.00 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 18 19 21 20 22 17 15
G: 55 60 65 70 75 80 85 90 100 110 120 130 125 140 105 95

note

Normal round point

Parallel systems

1567
459R
SY6520

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles EEx1

Dimensions

A: 1.75 mm
D: 45.00 mm
N: 14.00 mm

Needle strength

O: 11 12 14 16 18 19 21 20 22 23 24
G: 75 80 90 100 110 120 130 125 140 160 180

note

Normal round point

Parallel systems

129X1
SY4401

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles FLx1A

Dimensions

A: 1.50 mm
D: 35.50 mm
N: 16.50 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 18 19 21
G: 55 60 65 70 75 80 85 90 100 110 120 130

note

Normal round point

Parallel systems

2019
555
561/1
FLX555
SY6985

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles FLx2A

Dimensions

A: 1.50 mm
D: 35.50 mm
N: 16.00 mm

Needle strength

O: 8 9 10 11 12 13 14 16
G: 60 65 70 75 80 85 90 100

note

Normal round point

Parallel systems

2020
551
561/2
FLX551
SY6986

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DYx1

Dimensions

A: 2.50 mm
D: 60.10 mm
N: 24.00 <= No.200
22.00 >= No.230 mm

Needle strength

O: 16 18 19 21 22 23 24 25 26 27 28 29
G: 100 110 120 130 140 160 180 200 230 250 280 300

note

Normal round point

Parallel systems

793
7X1
SY5211

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DYx2

Dimensions

A: 2.50 mm
D: 60.10 mm
N: 24.00 mm

Needle strength

O: 24
G: 180

note

Twist point

Parallel systems

793LL
7X2NTW
SY5240

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DYx23

Dimensions

A: 2.50 mm
D: 52.90 mm
N: 23.50 mm

Needle strength

O: 16 18 19 21 20 22 23 24 25 26 27 28
G: 100 110 120 130 125 140 160 180 200 230 250 280

note

Normal round point

Parallel systems

7X23
SY4804

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DYx3

Dimensions

A: 2.50 mm
D: 60.00 mm
N: 24.00 <= No.200
22.00 >= No.230 mm

Needle strength

O: 10 12 14 16 18 19 21 22 23 24 25 26 27 28 29 31
G: 70 80 90 100 110 120 130 140 160 180 200 230 250 280 300 350

note

Normal round point

Parallel systems

794
7X3
SY5213

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DYx2LR

Dimensions

A: 2.50 mm
D: 60.10 mm
N: 24.00 mm

Needle strength

O: 24
G: 180

note

Reverse twist point

Parallel systems

794LR
7X4RTW
SY5253

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles DYx3LL

Dimensions

A: 2.50 mm
D: 60.00 mm
N: 24.00 mm

Needle strength

O: 24
G: 180

note

Twist point

Parallel systems

794LL
7X4TW
SY5250

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles EBx1

Dimensions

A: 2.02 mm
D: 49.20 mm
N: 21.00 mm

Needle strength

O: 9 11 12 14 16 18 19 21 22 23
G: 65 75 80 90 100 110 120 130 140 160

note

Normal round point

Parallel systems

2331
48.51
490
SY7660

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles FLx118A

Dimensions

A: 1.50 mm
D: 36.60 mm
N: 16.50 mm

Needle strength

O: 8 9 10 11 12 14 16
G: 60 65 70 75 80 90 100

note

Normal round point

Parallel systems

SY7060
UY118GAS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles FLx118GBS

Dimensions

A: 1.50 mm
D: 36.60 mm
N: 16.50 mm

Needle strength

O: 9 10 11 12 14 16
G: 65 70 75 80 90 100

note

Normal round point

Parallel systems

SY7061
UY118GBS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles FLx551

Dimensions

A: 1.50 mm
D: 35.50 mm
N: 16.00 mm

Needle strength

O: 9 12
G: 65 80

note

Normal round point

Parallel systems

2020
551
561/2
FLX2A
SY6986

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles FOx3

Dimensions

A: 1.75 mm
D: 39.00 mm
N: 16.00 mm

Needle strength

O: 14 16 18 21 20
G: 90 100 110 130 125

note

Normal round point

Parallel systems

126X1
126X3
SY3303

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LAx71EL

Dimensions

A: 1.98 mm
D: 44.50-58.50 mm
N: 14.00 mm

Needle strength

O: 18 19 21 22 23 24 25 26
G: 110 120 130 140 160 180 200 230

note

Left eccentric round point

Parallel systems

71L

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LAx71ER

Dimensions

A: 1.98 <= No.180
230 : No.230 mm
D: 44.50-58.50 mm
N: 14.00 mm

Needle strength

O: 10 12 14 18 19 22 23 24 26
G: 70 80 90 110 120 140 160 180 230

note

Right eccentric round point

Parallel systems

71R

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LAx81

Dimensions

A: 1.98 mm
D: 41.50 mm
N: 14.50 mm

Needle strength

O: 12 19 21 22 23
G: 80 120 130 140 160

note

Normal round point

Parallel systems

81
SY7430

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LAx88

Dimensions

A: 1.90 mm
D: 48.50 mm
N: 18.50 mm

Needle strength

O: 14 16 18 19 21 22 23
G: 90 100 110 120 130 140 160

note

Normal round point

Parallel systems

88HK
SY7606

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LAx215

Dimensions

A: 1.90 mm
D: 48.50 mm
N: 26.00 mm

Needle strength

O: 12 14 16 18 19 21
G: 80 90 100 110 120 130

note

Normal round point

Parallel systems

215AH
SY7615

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LAx505

Dimensions

A: 1.94 mm
D: 38.00 mm
N: 16.00 <= No.180
11.50 No.200 mm

Needle strength

O: 16 19 21 22 23 24 25
G: 100 120 130 140 160 180 200

note

Normal round point

Parallel systems

1470
500
505LG
SY7210
SY8725

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LAx505S

Dimensions

A: 1.94 mm
D: 32.00 mm
N: 11.50 mm

Needle strength

O: 23 24 25
G: 160 180 200

note

Normal round point

Parallel systems

505KURZ

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LQx3

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 12.00 mm

Needle strength

O: 12 14 16 18 19 21 20 22 17
G: 80 90 100 110 120 130 125 140 105

note

Heavy blunt round point

Parallel systems

1441
68X3
SY1627

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LQx5

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 12.00 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 18 19 21 20 22 23
G: 55 60 65 70 75 80 85 90 100 110 120 130 125 140 160

note

Normal round point

Parallel systems

3201
68X5
SY1628

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LQx7

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 12.00 mm

Needle strength

O: 16 18 19
G: 100 110 120

note

Normal round point

Parallel systems

68X7
SY1629

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LW-C5

Dimensions

A: 2.02 mm
D: 36.20 mm
N: 10.00 mm

Needle strength

O: 9 10 11 12 14 16 18 19 21
G: 65 70 75 80 90 100 110 120 130

note

Long groove eccentric round point

Parallel systems

2186TP
29-39
29-BK
SY7033

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LWx1T

Dimensions

A: 2.02 mm
D: 36.20 mm
N: 10.00 mm

Needle strength

O: 8 9 10 11 12 14 16 18 19 21
G: 60 65 70 75 80 90 100 110 120 130

note

Long groove eccentric round point

Parallel systems

1717TP
29-12
29-BC
SY7032

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LWx2T

Dimensions

A: 2.02 mm
D: 39.90 mm
N: 15.00 mm

Needle strength

O: 8 9 10 11 12 13 14 16 18 19 21
G: 60 65 70 75 80 85 90 100 110 120 130

note

Long groove eccentric round point

Parallel systems

3140TP	2140BE
LWX6T	29-34
SY7395	29-49
SY7396	29-BA
	29-BL

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LWx3T

Dimensions

A: 2.02 mm
D: 38.70 mm
N: 15.50 mm

Needle strength

O: 8 9 10 11 12 13 14 16 18 19 21 20 17 15
G: 60 65 70 75 80 85 90 100 110 120 130 125 105 95

note

Long groove eccentric round point

Parallel systems

1715F
251
29-
C-300
29-CA
LWX4T
SY3690

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LWx4T

Dimensions

A: 2.02 mm
D: 38.70 mm
N: 15.50 mm

Needle strength

O: 8 9 11 12 14 16
G: 60 65 75 80 90 100

note

Long groove eccentric round point

Parallel systems

1715F
251
29-
C-300
29-CA
LWX3T
SY3690

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LWx7T

Dimensions

A: 2.02 mm
D: 37.20 mm
N: 10.00 mm

Needle strength

O: 11 12 14 16 18
G: 75 80 90 100 110

note

Left eccentric round point

Parallel systems

1717DC
1828E
29-6
29-63
29-BB
SY7160

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles LWx251EU

Dimensions

A: 2.02 mm
D: 38.90 mm
N: 14.50 mm

Needle strength

O: 8 10 12 14 16 18
G: 60 70 80 90 100 110

note

Long groove eccentric round point

Parallel systems

1669
1715
251EU
SY7253

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles MRxR9

Dimensions

A: 2.02 mm
D: 29.20 mm
N: 15.00 mm

Needle strength

O: 9 10 11 12 13 14 16 18 19
G: 65 70 75 80 85 90 100 110 120

note

Normal round point

Parallel systems

1435
1875
1958
60M
SY6200

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles MTx190

Dimensions

A: 1.98 mm
D: 44.50 mm
N: 13.00 mm

Needle strength

O: 9 11 12 14 16 18 19 21 20 22 23 24 22 1/2 23 1/2
G: 65 75 80 90 100 110 120 130 125 140 160 180 150 170

note

Normal round point

Parallel systems

190(R)
SY7555

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles MTx190K

Dimensions

A: 1.98 mm
D: 44.50 mm
N: 13.50 mm

Needle strength

O: 12 14 16 18 19 21 22 24
G: 80 90 100 110 120 130 140 180

note

Heavy blunt round point

Parallel systems

190K
SY7556

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles MTx190LR

Dimensions

A: 1.98 mm
D: 44.50 mm
N: 13.00 mm

Needle strength

O: 16 18 19
G: 100 110 120

note

Reverse twist point

Parallel systems

190LR

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles NBx5

Dimensions

A: 1.02 mm
D: 32.20 mm
N: 14.50 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16
G: 55 60 65 70 75 80 85 90 100

note

Slim set point

Parallel systems

573N
94X5
SY1496

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134CL

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 13.50 <= No.120
11.50 >= No.130 mm

Needle strength

O: 12 14 16 18 19 21 22 22 1/2
G: 80 90 100 110 120 130 140 150

note

Normal round point

Parallel systems

134CL
797CL
SY6777

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134CR

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 13.50 <= No.120
11.50 >= No.130 mm

Needle strength

O: 10 12 13 14 16 18 19 21 22
G: 70 80 85 90 100 110 120 130 140

note

Normal round point

Parallel systems

134CR
797CR
SY6778

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134D

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 14.50 ≤ No.110
11.50 ≥ No.120 mm

Needle strength

O: 8 10 12 14 16 18 19 21 22 23 24 25 22 1/2
G: 60 70 80 90 100 110 120 130 140 160 180 200 150

note

Triangular point

Parallel systems

134D
134KKD
135X8TRI
797D
PFX134KKD
SY1981
SY6807

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134EL

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 14.50 mm

Needle strength

O: 12 14 16 18 19
G: 80 90 100 110 120

note

Left eccentric round point

Parallel systems

134EL
797EL
SY6796

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134ER

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 14.50 mm

Needle strength

O: 12 14 16 18 19
G: 80 90 100 110 120

note

Right eccentric round point

Parallel systems

134ER
797ER
SY6797

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134K

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 14.50 mm

Needle strength

O: 12 14 16 18 19 21
G: 80 90 100 110 120 130

note

Normal round point

Parallel systems

134K
556KH
797KH
PFX797
SY6795

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134KK

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 11.50 <= No.120
10.00 >= No.130 mm

Needle strength

O: 8 10 11 12 14 16 18 19 21 22
G: 60 70 75 80 90 100 110 120 130 140

note

Left eccentric round point

Parallel systems

134KK
797KK
B-134
SY6759

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134KKD

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 11.50 mm

Needle strength

O: 14 16
G: 90 100

note

Triangular point

Parallel systems

134KKD

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134KKLR

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 11.50 mm

Needle strength

O: 9 11 12 14 16 18 19
G: 65 75 80 90 100 110 120

note

Reverse twist point

Parallel systems

134KKLR
797KKLR
SY6760

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134KKPCL

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 11.50 <= No.120
10.00 >= No.125 mm

Needle strength

O: 9 10 11 12 14 16 18 19 21 20
G: 65 70 75 80 90 100 110 120 130 125

note

Narrow wedge point with left twist groove

Parallel systems

134KKPCL	797PCLS
134PCL	SY6761
134PCLS	SY6793
797PCL	SY6799

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134KS

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 14.50 <= No.120
11.50>= No.130 mm

Needle strength

O: 12 14 16 18 19 21 22 23 25 26 22 1/2
G: 80 90 100 110 120 130 140 160 200 230 150

note

Cross point

Parallel systems

134KKS	DPXF22
134S	SY1992
135X8NCR	SY6758
797KKS	SY6802
797S	

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134LL

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 14.50 ≤ No.120
11.50 ≥ No.130 mm

Needle strength

O: 10 12 13 14 16 18 19 21 22 23
G: 70 80 85 90 100 110 120 130 140 160

note

Twist point

Parallel systems

134KKLL
134LL
135X8NTW
797LL
SY1991
SY6805
SY6811

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134P

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 14.50 mm

Needle strength

O: 11 14
G: 75 90

note

Wedge point

Parallel systems

134KKP
134P
135X6NW
135X8NW
797P
SY1988
SY6801

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PFx134VR

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 14.50 mm

Needle strength

O: 14 16 18 19 21
G: 90 100 110 120 130

note

Reverse twist spear point

Parallel systems

134KKVR
134VR
SY6804

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PHx253

Dimensions

A: 1.48 mm
D: mm
N: 26.00 mm

Needle strength

O: 21
G: 130

note

Normal round point

Parallel systems

253
253C
SY5925

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles POx1

Dimensions

A: 1.28 mm
D: 35.50 mm
N: 15.00 mm

Needle strength

O: 8 9 10 11 12 13 14 16
G: 60 65 70 75 80 85 90 100

note

Normal round point

Parallel systems

1571
46X1
SY2550

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles POx254

Dimensions

A: 1.28 mm
D: 34.80 mm
N: 15.00 mm

Needle strength

O: 10 11 12 13 14 16
G: 70 75 80 85 90 100

note

Normal round point

Parallel systems

254/2
SY6965

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PVx7

Dimensions

A: 1.62 mm
D: 33.80 mm
N: 17.50 mm

Needle strength

O: 10 12 14 16 18 19 21 20 22
G: 70 80 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

52X7
SY1610

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles PYA-1

Dimensions

A: 2.00 mm
D: 38.90 mm
N: 12.00 mm

Needle strength

O: 6 3 4 5
G: 50 35 40 45

note

Right eccentric round point

Parallel systems

1620
604FE

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles REx1

Dimensions

A: 2.40 mm
D: 53.50 mm
N: 28.50 mm

Needle strength

O: 14 16 18 19 21
G: 90 100 110 120 130

note

Normal round point

Parallel systems

950
SY7710

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles RMx26

Dimensions

A: 1.48 mm
D: 28.60 mm
N: 11.00 mm

Needle strength

O: 10 11 12 14 16 18 19 21
G: 70 75 80 90 100 110 120 130

note

Normal round point

Parallel systems

B-26
SY6110

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles RMx27FMB

Dimensions

A: 2.02 mm
D: 28.60 mm
N: 10.00 mm

Needle strength

O: 8 10 12 14 16
G: 60 70 80 90 100

note

Normal round point

Parallel systems

B-27FMB
SY6121

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SGx1906

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 13.50-11.50 mm

Needle strength

O: 9 10 11 12 14 16 18 19 21 20
G: 65 70 75 80 90 100 110 120 130 125

note

Normal round point

Parallel systems

135X53
SY1906

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SGx506

Dimensions

A: 1.92 mm
D: 42.10 mm
N: 18.20 mm

Needle strength

O: 23 24 26
G: 160 180 230

note

Normal round point

Parallel systems

506LG
SY7440

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SGx5964

Dimensions

A: 1.60 mm
D: 27.00 mm
N: 10.50 mm

Needle strength

O: 14 16 18
G: 90 100 110

note

Long groove eccentric round point

Parallel systems

400X509
6060
SY5964

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SH-A25

Dimensions

A: 1.42 mm
D: 43.40 mm
N: 20.50 mm

Needle strength

O: 00 0 1 2 3 4 5
G: 35 40 45

note

Normal round point

Parallel systems

854S

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SHx1

Dimensions

A: 1.42 mm
D: 43.40 mm
N: 20.50 mm

Needle strength

O: 7 8 6 000 00 0 1 2 3 4 5
G: 55 60 50 35 40 45

note

Normal round point

Parallel systems

854S
SY7505

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SHx3

Dimensions

A: 1.60 mm
D: 27.00 mm
N: 10.50 mm

Needle strength

O: 14 16 18
G: 90 100 110

note

Long groove eccentric round point

Parallel systems

400X509
6060
SY5964

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SH-A25

Dimensions

A: 1.56 mm
D: 43.40 mm
N: 21.00 mm

Needle strength

O: 6 00 0 1 3 4 5
G: 50 35 40 45

note

Normal round point

Parallel systems

110S
SY7525

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx1014A

Dimensions

A: 1.48 mm
D: 39.00 mm
N: 15.50 mm

Needle strength

O: 9 10 11 12 14
G: 65 70 75 80 90

note

Normal round point

Parallel systems

MY1014
MY1014A
SY7255
UOX8023
UY8023GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx1014B

Dimensions

A: 1.48 mm
D: 39.00 mm
N: 15.50 mm

Needle strength

O: 9 10 11 12 14 16
G: 65 70 75 80 90 100

note

Normal round point

Parallel systems

MY1014B
SY7256

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx1373H

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 15.00 mm

Needle strength

O: 22
G: 140

note

Normal round point

Parallel systems

1373H
SY6769

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx1373H

Dimensions

A: 2.00 mm
D: 33.90 mm
N: 15.00 mm

Needle strength

O: 22
G: 140

note

Normal round point

Parallel systems

1373H
SY6769

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx1617N

Dimensions

A: 2.00 mm
D: 31.60 mm
N: 11.50 mm

Needle strength

O: 14 16
G: 90 100

note

Normal round point

Parallel systems

1617N
SY6371

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx1910

Dimensions

A: 1.64 mm
D: 31.60 mm
N: 13.50 mm

Needle strength

O: 14
G: 90

note

Normal round point

Parallel systems

1910
SY6335

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx3202CR

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 12.50 mm

Needle strength

O: 14 16 19
G: 90 100 120

note

Normal round point

Parallel systems

3202CR
SY8135

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx3207

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 12.50 mm

Needle strength

O: 14 16 18 19 21
G: 90 100 110 120 130

note

Normal round point

Parallel systems

3207

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx3207CR

Dimensions

A: 1.62 mm
D: 33.90 mm
N: 12.50 mm

Needle strength

O: 12 14 16 18 19 21
G: 80 90 100 110 120 130

note

Normal round point

Parallel systems

3207CR
SY6641

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx4463

Dimensions

A: 1.98 mm
D: 33.90 mm
N: 14.50 mm

Needle strength

O: 12 14 16 18
G: 80 90 100 110

note

Normal round point

Parallel systems

4463

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx8544

Dimensions

A: 1.98 mm
D: 38.60 mm
N: 13.50 mm

Needle strength

O: 14 16 19
G: 90 100 120

note

Normal round point

Parallel systems

SY8544

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx67

Dimensions

A: 1.98 mm
D: 37.80 mm
N: 13.50 mm

Needle strength

O: 10 12 14 18
G: 70 80 90 110

note

Normal round point

Parallel systems

B-67

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TFx6

Dimensions

A: 1.62 <= No.110
1.90 No.120
2.02 >= No.125 mm
D: 33.85 mm
N: 13.50-11.00 mm

Needle strength

O: 8 9 10 11 12 13 14 16 18 19 21 20 22 23 24
G: 60 65 70 75 80 85 90 100 110 120 130 125 140 160 180

note

Narrow wedge point with right twist groove

Parallel systems

16X6
34PCR
SY2220
SY6834

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TFx63

Dimensions

A: 1.62 <= No.110
1.90 No.120
2.02 >= No.125 mm
D: 40.00 mm
N: 13.00 mm

Needle strength

O: 16 18 19 21 20 22 23 24 25
G: 100 110 120 130 125 140 160 180 200

note

Normal round point

Parallel systems

16X63
2077
SY3861

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles Tlx2

Dimensions

A: 1.72 mm
D: 33.80 mm
N: 13.00 mm

Needle strength

O: 9 11 12 13 14 16 18 19 21 20 22 23
G: 65 75 80 85 90 100 110 120 130 125 140 160

note

Triangular point

Parallel systems

128X2
128X6TRI
SY1713

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles Tlx3

Dimensions

A: 1.75 mm
D: 33.80 mm
N: 13.00 mm

Needle strength

O: 16 18 20
G: 100 110 125

note

Normal round point

Parallel systems

128X1
128X13
128X3
135
SY1653
TIX1

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles Tlx4

Dimensions

A: 1.75 mm
D: 33.80 mm
N: 13.00 mm

Needle strength

O: 12 14 16 18
G: 80 90 100 110

note

Wedge point

Parallel systems

128X4NW
128X6NW
SY1708

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TLx1

Dimensions

A: 2.00 mm
D: 29.60 mm
N: 13.00 mm

Needle strength

O: 7 8 9 10 11 12 14 16 18 19 21 22
G: 55 60 65 70 75 80 90 100 110 120 130 140

note

Triangular point

Parallel systems

151X1
SY1261

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TLx5

Dimensions

A: 2.00 mm
D: 29.20 mm
N: 12.50 mm

Needle strength

O: 9 10 11 12 14 16 18 19 22 24 25
G: 65 70 75 80 90 100 110 120 140 180 200

note

Normal round point

Parallel systems

151X5
MY1151
SY1291

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TLx7

Dimensions

A: 2.00 mm
D: 29.20 mm
N: 13.00 mm

Needle strength

O: 9 10 11 12 14 16 18 19 21 20 22
G: 65 70 75 80 90 100 110 120 130 125 140

note

Wedge point

Parallel systems

151X7
MY1517
SY1265

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TLx9

Dimensions

A: 2.00 mm
D: 29.60 mm
N: 13.00 mm

Needle strength

O: 7 8 9 10 11 12 14 16
G: 55 60 65 70 75 80 90 100

note

Normal round point

Parallel systems

151X9
SY1266

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx854B

Dimensions

A: 2.00 mm
D: 43.40 mm
N: 17.00 mm

Needle strength

O: 0 1 2
G:

note

Normal round point

Parallel systems

0110

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx971A

Dimensions

A: 2.00 mm
D: 37.80 mm
N: 13.50 mm

Needle strength

O: 11 12 14 16 18
G: 75 80 90 100 110

note

Normal round point

Parallel systems

971A

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TBx1

Dimensions

A: 1.62 ≤ No.110
1.90 No.120
2.02 ≥ No.125 mm
D: 33.80 mm
N: 16.00-10.50 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 18 19 21 20 22 23 24 25 17 15
G: 55 60 65 70 75 80 85 90 100 110 120 130 125 140 160 180 200 105 95

note

Triangular point

Parallel systems

1647
16X87
SY2055

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TFx1

Dimensions

A: 1.62 <= No.110
1.90 No.120
2.02 >= No.125 mm
D: 33.80 mm
N: 13.50-10.50 mm

Needle strength

O: 8 9 10 11 12 13 14 16 18 19 21 20 22 23 24 25
G: 60 65 70 75 80 85 90 100 110 120 130 125 140 160 180 200

note

Normal round point

Parallel systems

16X1
16X73
34(R)
563
PFX34R
SY2047
SY6830
TFX73

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TFx2

Dimensions

A: 1.62 <= No.110
1.90 No.120
2.02 >= No.125 mm
D: 33.80 mm
N: 13.50-10.50 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 18 19 21 20 22 23 24 25
G: 55 60 65 70 75 80 85 90 100 110 120 130 125 140 160 180 200

note

Twist point

Parallel systems

16X2NTW
287LL
34LL
563LL
SY2088

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TFx2LR

Dimensions

A: 1.62 <= No.110
1.90 No.120
2.02 >= No.125 mm
D: 33.80 mm
N: 13.50-10.50 mm

Needle strength

O: 8 9 10 11 12 13 14 16 18 19 21 20 22 23 24 25
G: 60 65 70 75 80 85 90 100 110 120 130 125 140 160 180 200

note

Reverse twist point

Parallel systems

16X2NRTW
16X2RTW
287LR
34LR
367LR
563LR
690LR
SY2087
TFX287LR

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx805D

Dimensions

A: 2.02 mm
D: 38.10 mm
N: 13.50 mm

Needle strength

O: 14
G: 90

note

Triangular point

Parallel systems

805D
SY7236

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx805LR

Dimensions

A: 2.02 mm
D: 38.10 mm
N: 13.50 mm

Needle strength

O: 18 19 23
G: 110 120 160

note

Reverse twist point

Parallel systems

805LR
SY7235

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles SMx854

Dimensions

A: 2.00 mm
D: 43.40 mm
N: 17.00 mm

Needle strength

O: 00 0 1 3 4 5 2
G: 35 40 45

note

Normal round point

Parallel systems

0854
SY7530

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TQx3

Dimensions

A: 1.75 mm
D: 41.50 mm
N: 11.50 mm

Needle strength

O: 11 12 14 16 18 19 21 20 22
G: 75 80 90 100 110 120 130 125 140

note

Heavy blunt round point

Parallel systems

1661LG
175X3
2018
SY4051
SY8727

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TQx9

Dimensions

A: 1.75 mm
D: 47.00 mm
N: 14.00-10.00 mm

Needle strength

O: 9 12 14 16 18 19 21 20 22
G: 65 80 90 100 110 120 130 125 140

note

Reverse twist point

Parallel systems

1661ELG
175X9
1987
29-LSS
SY4538

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TVx1

Dimensions

A: 1.98 mm
D: 37.00 mm
N: 13.50 mm

Needle strength

O: 7 8 9 10 11 12 13 14 16 18 19 21 20 22 23
G: 55 60 65 70 75 80 85 90 100 110 120 130 125 140 160

note

Normal round point

Parallel systems

149X1
SY2774

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TVx3

Dimensions

A: 1.98 mm
D: 39.00 mm
N: 13.50 mm

Needle strength

O: 9 10 11 12 13 14 16 18 19 21 20 22 23 24
G: 65 70 75 80 85 90 100 110 120 130 125 140 160 180

note

Normal round point

Parallel systems

149X3
SY3650
SY3651
UY124GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles TVx64

Dimensions

A: 1.75 mm
D: 47.00 mm
N: 14.00-10.00 mm

Needle strength

O: 8 10 11 12 14 16 18 19 21 20 22
G: 60 70 75 80 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

B-64
SY7045

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx106G

Dimensions

A: 1.98 mm
D: 36.70 mm
N: 13.50 mm

Needle strength

O: 8 9 10 11 12 14 16 18 19 21 20 22
G: 60 65 70 75 80 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

MY1002
MY1033
MY1043
SY7065
SY7068
UY101GS
UY106GKS
UY106GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx108G

Dimensions

A: 1.98 mm
D: 36.60 mm
N: 13.50 mm

Needle strength

O: 10 12 14 16 18 19 21 20
G: 70 80 90 100 110 120 130 125

note

Normal round point

Parallel systems

SY7080
UY108GKS
UY108GS
UY120GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx130G

Dimensions

A: 2.00 mm
D: 38.80 mm
N: 13.50 mm

Needle strength

O: 12 14 16 18 19 21 20 22
G: 80 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

SY7298
UY130GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx147GA

Dimensions

A: 1.98 mm
D: 42.60 mm
N: 14.00 mm

Needle strength

O: 12 14 16 18 19 21 20 22 23
G: 80 90 100 110 120 130 125 140 160

note

Normal round point

Parallel systems

SY7475
UY147GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx150G

Dimensions

A: 1.98 mm
D: 33.80 mm
N: 16.00 <= No.110
14.00 >= No.120 mm

Needle strength

O: 9 10 11 12 14 16 18 19 20 22
G: 65 70 75 80 90 100 110 120 125 140

note

Normal round point

Parallel systems

SY6780
UY150GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx155

Dimensions

A: 1.90 mm
D: 28.40 mm
N: 11.50 mm

Needle strength

O: 7 8 9 10 11 12 14 16 18
G: 55 60 65 70 75 80 90 100 110

note

Normal round point

Parallel systems

981R
SY6060
UY155GAS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx163GAS

Dimensions

A: 2.00 mm
D: 37.50 mm
N: 13.50 mm

Needle strength

O: 8 9 10 11 12 13 14 16 18 19
G: 60 65 70 75 80 85 90 100 110 120

note

Normal round point

Parallel systems

SY7185
UY163GAS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx180G

Dimensions

A: 1.82 mm
D: 34.00 mm
N: 16.00 ≤ No.90
14.00 ≥ No.100 mm

Needle strength

O: 10 11 12 14 16 18 19 21 20 22
G: 70 75 80 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

SY6935
UY180GPS
UY180GS
UY180GYS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx183G

Dimensions

A: 1.82 mm
D: 29.60 mm
N: 14.00 mm

Needle strength

O: 8 9 11 12 14 18 19 21 20 22 15
G: 60 65 75 80 90 110 120 130 125 140 95

note

Normal round point

Parallel systems

SY6236
UY183GPS
UY183GS
UY183GYS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx1970

Dimensions

A: 3.95 mm
D: 54.00 mm
N: 16.00 mm

Needle strength

O: 25 26 27 32 1/2
G: 200 230 250 400

note

Square point

Parallel systems

124X4
DRX4
SY5068
UY1970GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx1970A

Dimensions

A: 3.95 mm
D: 54.00 mm
N: 16.00 mm

Needle strength

O: 25 26 27
G: 200 230 250

note

Square point

Parallel systems

UY1970A

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UYx133GS

Dimensions

A: 1.98 mm
D: 38.90 mm
N: 13.50 mm

Needle strength

O: 10 12 14 16 18 19 21 20 22
G: 70 80 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

SY7302
UY133GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UYx143GS

Dimensions

A: 1.98 mm
D: 42.00 mm
N: 13.00-14.50 mm

Needle strength

O: 22 23 24 25 26 27
G: 140 160 180 200 230 250

note

Square point

Parallel systems

1286
92X1
DNX1
MY1013
SY4261
UY143GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UYx154GAS

Dimensions

A: 2.01 mm
D: 31.60 mm
N: 14.50 mm

Needle strength

O: 7 8 9 10 11 12 14 16 18 19 20 22
G: 55 60 65 70 75 80 90 100 110 120 125 140

note

Normal round point

Parallel systems

151X21
SY1431
UY154GAS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UYx154GBS

Dimensions

A: 2.01 mm
D: 31.60 mm
N: 14.50 mm

Needle strength

O: 11 12 14
G: 75 80 90

note

Light ball point

Parallel systems

SY6430
UY154GBS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UYx154GCS

Dimensions

A: 2.01 mm
D: 31.60 mm
N: 14.50 mm

Needle strength

O: 9 10 11 12 14 16
G: 65 70 75 80 90 100

note

Normal round point

Parallel systems

SY6431
UY154GCS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UYx154GDS

Dimensions

A: 2.01 mm
D: 31.60 mm
N: 14.50 mm

Needle strength

O: 11 12 14 16
G: 75 80 90 100

note

Light ball point

Parallel systems

SY6432
UY154GDS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx180G

Dimensions

A: 1.82 mm
D: 34.00 mm
N: 16.00 <= No.90
14.00 >= No.100 mm

Needle strength

O: 10 11 12 14 16 18 19 21 20 22
G: 70 75 80 90 100 110 120 130 125 140

note

Normal round point

Parallel systems

SY6935
UY180GPS
UY180GS
UY180GYS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx183G

Dimensions

A: 1.82 mm
D: 29.60 mm
N: 14.00 mm

Needle strength

O: 8 9 11 12 14 18 19 21 20 22 15
G: 60 65 75 80 90 110 120 130 125 140 95

note

Normal round point

Parallel systems

SY6236
UY183GPS
UY183GS
UY183GYS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx1970

Dimensions

A: 3.95 mm
D: 54.00 mm
N: 16.00 mm

Needle strength

O: 25 26 27 32 1/2
G: 200 230 250 400

note

Square point

Parallel systems

124X4
DRX4
SY5068
UY1970GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx1970A

Dimensions

A: 3.95 mm
D: 54.00 mm
N: 16.00 mm

Needle strength

O: 25 26 27
G: 200 230 250

note

Square point

Parallel systems

UY1970A

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx1975

Dimensions

A: 3.95 mm
D: 58.70-57.80 mm
N: 14.50 mm

Needle strength

O: 25 26 27 28 31 32 1/2
G: 200 230 250 280 350 400

note

Normal round point

Parallel systems

SY7715
UY1975GS
UY9848GS

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx4463

Dimensions

A: 1.98 mm
D: 33.90 mm
N: 12.00 mm

Needle strength

O: 12 14 16 18 19
G: 80 90 100 110 120

note

Normal round point

Parallel systems

4463KK
SY8694

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles UOx4463LG

Dimensions

A: 1.98 mm
D: 38.90 mm
N: 14.50 mm

Needle strength

O: 12 14 16 18
G: 80 90 100 110

note

Normal round point

Parallel systems

4463-35
SY7240

Unless otherwise noted, all systems are available with ball tip variants.

Industrial needles USx175H

Dimensions

A: 1.90 mm
D: 48.60 mm
N: 19.00 mm

Needle strength

O: 12 14 16 18 19 22 23 24
G: 80 90 100 110 120 140 160 180

note

Normal round point

Parallel systems

175H
SY7610

Unless otherwise noted, all systems are available with ball tip variants.



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