

# IM Series Milton American Type Quick Coupling

 Self sealing socket+Thru-type plug



## Features

IM20 series pneumatic quick couplings belong to Milton series and are compatible with Parker's 20 Industry series nipples or plugs. It is an economical type of American quick coupling. Usually nickel-plated carbon steel or brass pickling is used. There are 3 steel balls inside, and the sleeve is locked by a circlip. It is with small size, light in weight and excellent economical performance.

The maximum working pressure of IM20 series designed is 1.0MPa. If replace the sealing with FKM, it can also work under high temperature conditions. Our regular IM20 series couplings are designed with a 1/4" flow rate body size. If a larger flow rate is required, you are recommended to choose IN30, IN40 series.

## Ordering code

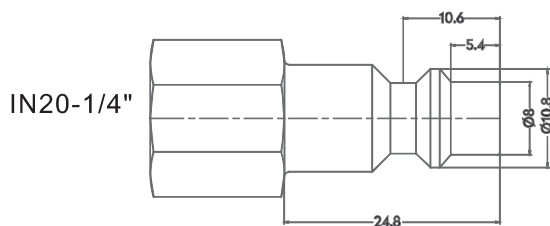
**IM 20 - SF - 02 B**

- ◆ IM Milton series
- ◆ Body size  
20: 1/4"
- ◆ Coupling type  
SF: Female socket  
SM: Male socket  
SH: Hose barb socket  
SN: Nut lock socket  
PF: Female plug  
PM: Male plug  
PH: Hose barb plug  
PN: Nut lock plug
- ◆ Thread code  
02: 1/4"NPT  
03: 3/8"NPT  
04: 1/2"NPT
- ◆ Material code  
B: Brass  
S: Carbon steel  
SS: Stainless steel SUS304/303

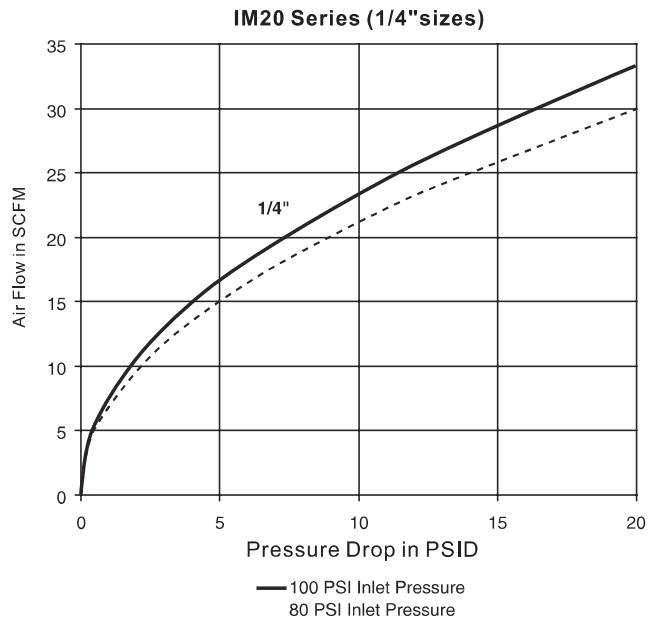
## Specification

Series	IM20
Body Size(in.)	1/4"
Rated Pressure(MPa)	1.0MPa
Temperature Range	-10°C ~ +70°C
Locking Device	3 balls

## Plug profile



## Performance

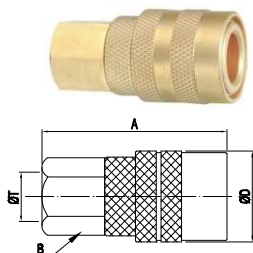


## Compatible with

FOKCA	IN20
INDUSTRIAL	1/4"
PARKER	20
RECTUS	23
HANSEN	3000
CEJN	310
ATLAS COPCO QIC	08

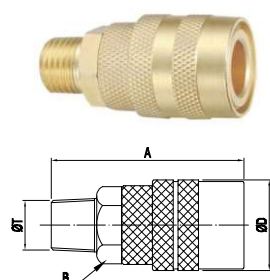
## Sockets/Couplers

### Female Pipe Thread



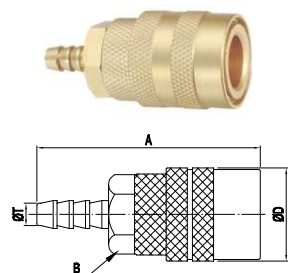
Model	Body Size	Thread -NPT	Overall (A)	Hex Size (B)	Diameter (D)
IM20-SF-02	1/4	1/4-18	44.5	17	23

### Male Pipe Thread



Model	Body Size	Thread -NPT	Overall (A)	Hex Size (B)	Diameter (D)
IM20-SM-02	1/4	1/4-18	50	17	23

### Standard Hose Barb



Model	Body Size	Hose I.D.	Overall (A)	Exposed (B)	Diameter (D)
IM20-SH-1/4	1/4	1/4	56.5	17	23